Page 1 of 136

Incident ID nAPP2317129194
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?								
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?								
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?								
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?								
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 vercontamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	rtical 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 well Field data	ls.							
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: 9/1/2023 10:34:44 AM Form C-141 State of New Mexico
Page 4 Oil Conservation Division

	Page 2 of 13
Incident ID	nAPP2317129194
District RP	
Facility ID	
Application ID	

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

Printed Name: Connor Walker

Title: Sr. Engineer

Signature:

Date:

Email: cwalker@mewbourne.com

Telephone: (806)202-5281

Date:

Page 3 of 136

Incident ID	nAPP2317129194
District RP	
Facility ID	
Application ID	

Closure

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

Closure Report Attachment Checklist: Each of the following is	items must be included in the closure report.							
✓ A scaled site and sampling diagram as described in 19.15.29.	11 NMAC							
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District must be notified 2 days prior to liner inspection)								
✓ Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)							
Description of remediation activities								
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and reluman health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.							
Signature:	Date:							
email: cwalker@mewbourne.com	Telephone: <u>(806)202-5281</u>							
OCD Only								
Received by:	Date:							
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations.							
Closure Approved by:	Date:							
Printed Name:	Title:							

Remediation Summary & Soil Closure Request

Mewbourne Oil Company Chicago 9/8 Battery SWD Line

Eddy County, New Mexico
Unit Letter "H", Section 9, Township 24 South, Range 28 East
Latitude 32.2317671° North, Longitude 104.085100° West
NMOCD Reference No. nAPP2317129194

Prepared By:

Etech Environmental & Safety Solutions, Inc.

6309 Indiana Ave, Ste. D Lubbock, Texas 79413

Ance Crenshaw

Lance Crenshaw



Midland • San Antonio • Lubbock • Hobbs • Lafayette

TABLE OF CONTENTS

	Section
PROJECT INFORMATION	1.0
SITE CHARACTERIZATION	2.0
CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE	3.0
REMEDIATION ACTIVITIES SUMMARY	4.0
RESTORATION, RECLAMATION & RE-VEGETATION PLAN	5.0
SOIL CLOSURE REQUEST	6 . 0
LIMITATIONS	7 . 0
DISTRIBUTION	8.0

FIGURES

- Figure 1 Topographic Map
- Figure 2 Site Characterization Map
- Figure 3 Site & Sample Location Map

TABLES

Table 1 - Concentrations of BTEX, TPH & Chloride in Soil

APPENDICES

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

1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Mewbourne Oil Company, has prepared this *Remediation Summary & Soil Closure Request* for the release site known as the Chicago 9/8 Battery SWD Line (henceforth, "Chicago 9/8 Line"). Details of the release are summarized below:

	Locati	ion of Release Sou	rce								
Latitude <u>:</u>	32.2317671°	17671° Longitude: -1									
	Provi	ded GPS are in WGS84 format	t.								
	hicago 9/8 Battery SWD Line		Tank Battery								
Date Release Discove	red: 6/5/2023	API # (if applica	ble): N/A								
Unit Letter S	ection Township	Range	County								
"H"	9 24S	28E	Eddy								
Surface Owner: S	Surface Owner: State Federal Tribal X Private (Name Dick Calderon										
	Nature a	and Volume of R	elease								
Crude Oil Volume Released (bbls) Volume Recovered (bbls)											
X Produced Water	Volume Released (bbls)	52	Volume Recovered (bbls) 20								
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	Volume Released (Mcf)		Volume Recovered (Mcf)								
Other (describe)	Volume/Weight Released		Volume/Weight Recovered								
Cause of Release: A poly fitting failed.	1		1								
	J	Initial Response									
X The source of the	release has been stopped.										
X The impacted are	a has been secured to protect h	uman health and the en	vironment.								
X Release materials	s have been contained via the us	se of berms or dikes, ab	sorbent pad, or other containment devices								
X All free liquids a	nd recoverable materials have b	peen removed and mana	aged appropriately.								

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 Chicago 9/8 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?	25	5'
Did the release impact groundwater or surface water?	Yes	X No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes	X No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark?	Yes	X No
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	Yes	X No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Yes	X No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes	X No
Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes	X No
Are the lateral extents of the release within 300 feet of a wetland?	Yes	X No
Are the lateral extents of the release overlying a subsurface mine?	Yes	X No
Are the lateral extents of the release overlying an unstable area such as karst geology?	Yes	X No
Are the lateral extents of the release within a 100-year floodplain?	Yes	X No
Did the release impact areas not on an exploration, development, production or storage site?	Yes	X 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 Chicago 9/8 Line release site are as follows:

Probable Depth to Groundwater	('onstituent	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
25'	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)

[†] 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 June 20, 2023, remediation activities commenced at the Chicago 9/8 Line 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 and vertical 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 June 16, 2023, Etech collected 41 confirmation soil samples (NW1, NW2, NW3, SW1, SW2, SW3, WW1, and FL1 @ 3 through FL34 @ 4) 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 less than the applicable laboratory MDL in a majority of the soil samples, with the exceptions of soil samples FL2 @ 3 (10.2 mg/kg), FL3 @ 3 (0.65 mg/kg BTEX & 21.7 mg/kg TPH), and FL4 @ 3 (11.2 mg/kg TPH). Chloride concentrations ranged from 32.0 mg/kg in soil samples SW2, FL20 @ 3, and FL33 @ 4 to 288 mg/kg in soil samples NW1 and FL5 @ 3.

On June 20, 2023, Etech collected 16 confirmation soil samples (EW1, WW2, and FL35 @ 5 through FL48 @ 4) 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 less than the applicable laboratory MDL, with the exception of soil sample FL43 @ 4 (0.623 mg/kg BTEX). Chloride concentrations ranged from less than the laboratory MDL in soil samples WW2, FL40 @ 6, FL43 @ 4, FL45 @ 4, and FL47 @ 4 to 112 mg/kg in soil samples FL35 @ 5 and FL36 @ 5.

On June 21, 2023, Etech collected one (1) confirmation soil sample (NW4) from the sidewall of the excavated area. The soil sample was 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. BTEX and TPH concentrations were also less than the appropriate laboratory MDL. The chloride concentration was 128 mg/kg.

Based on laboratory analytical results, the excavated area was backfilled with locally sourced, non-impacted, "like" material placed at or near original relative positions and compacted/contoured to fit the needs of the facility.

During preparation of the remediation summary and closure report for the release, it was noted that the confirmation soil samples collected on June 20, 2023, were submitted to the laboratory above the NMOCD-approved temperature of 6°C and would consequently require resampling.

On August 22, 2023, Etech utilized a backhoe to reopen and resample the backfilled excavation. A total of 16 composite resamples (EW1, WW2, FL35 @ 5, FL36 @ 5, FL37 @ 4, FL38 @ 4, FL39 @ 6, FL40 @ 6, FL41 @ 6, FL42 @ 6, FL43 @ 4, FL44 @ 4, FL45 @ 4, FL46 @ 4, FL47 @ 4, and FL48 @ 4) were collected 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 less than the applicable laboratory MDL. Chloride concentrations ranged from 112 mg/kg in soil sample FL43 @ 4 to 320 mg/kg in soil samples FL35 @ 5 and FL37 @ 4.

The final dimensions of the excavated area were approximately 124 to 225 feet in length, 45 to 48 feet in width, and three (3) to six (6) feet in depth. During the course of remediation activities, Etech transported approximately 1,580 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 1,496 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 is provided in Appendix B. General photographs of the site are provided in Appendix C. Laboratory analytical reports are provided in Appendix D. Copies of all regulatory correspondence are provided in Appendix E.

5.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

The release was limited to the production pad of an active tank battery and did not impact the adjacent pasture. 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 and compacted/contoured to fit the needs of the facility. Final reclamation and revegetation will be conducted upon decommissioning and abandonment of the tank battery.

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 Chicago 9/8 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

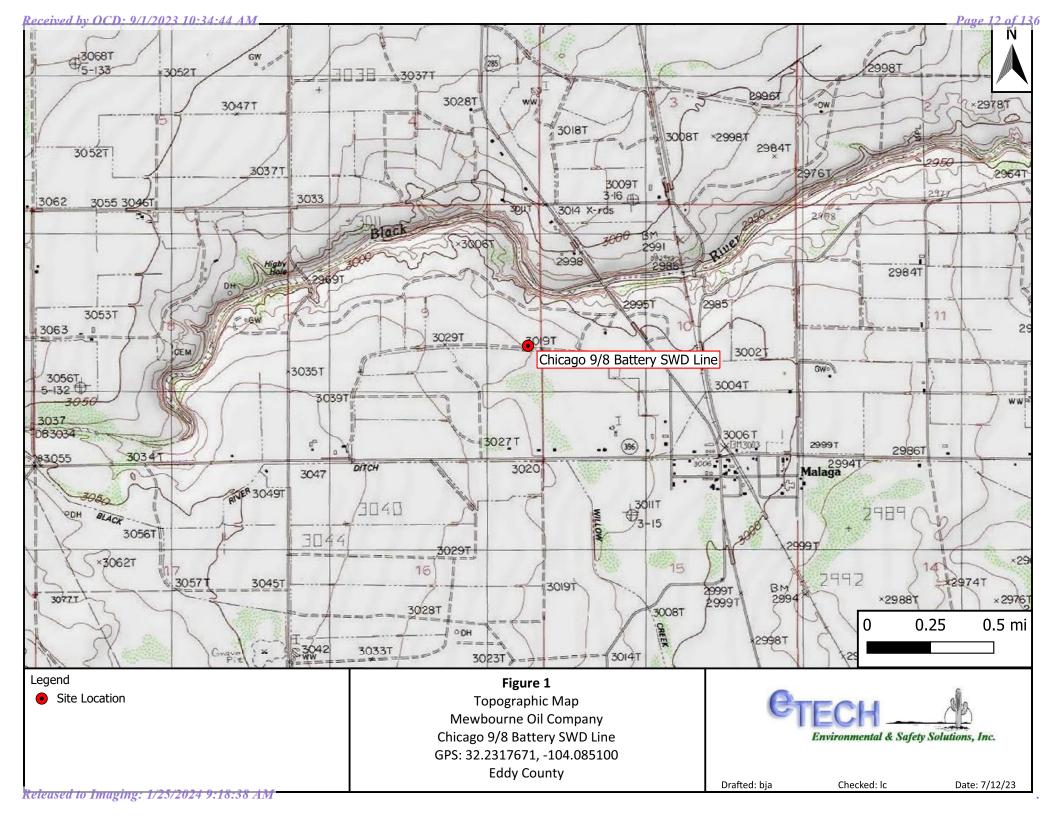


Figure 2 Site Characterization Map

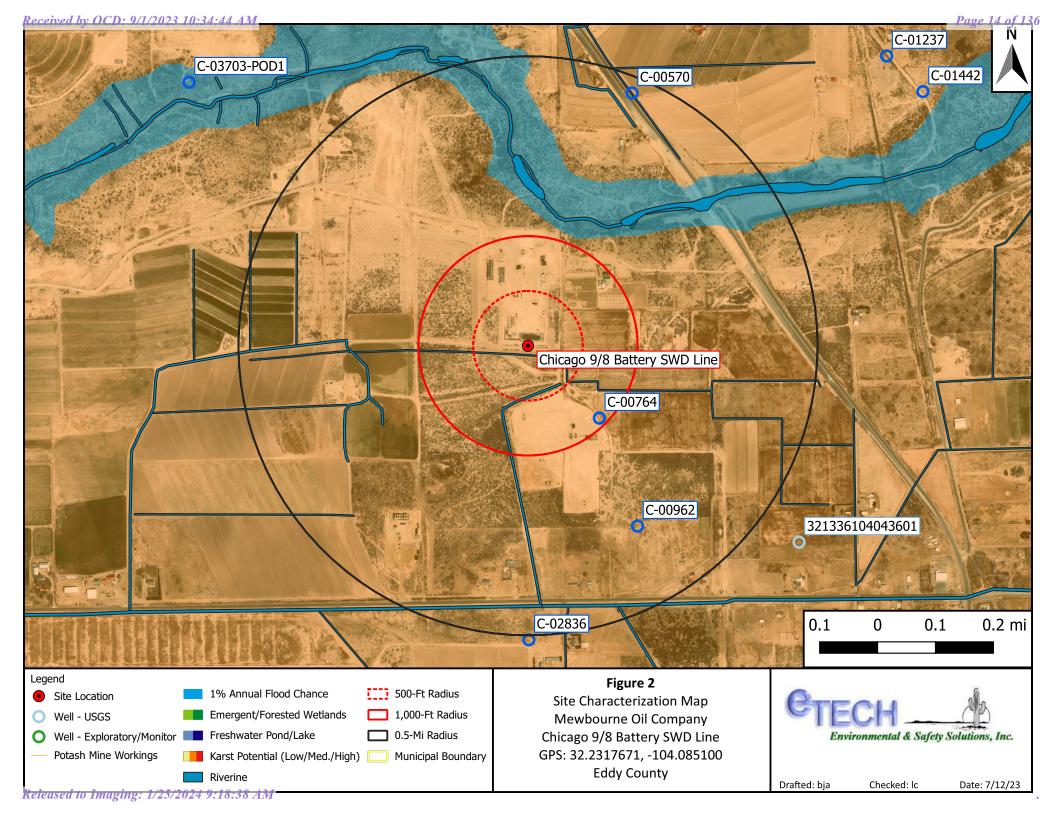


Figure 3 Site & Sample Location Map



Table 1 Concentrations of BTEX, TPH & Chloride in Soil

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company Chicago 9/8 Battery SWD Line NMOCD Ref. #: nAPP2317129194

NMOCD Ref. #: nAPP231/129194												
	OCD Closure		J	10 50		N/A	N/A	N/A	N/A	100	600	
NMOC	CD Reclamation	n Standar	a I	10	50	N/A	N/A	N/A	N/A	100	600	
			a	SW 840	6 8021B			GRO +			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	6/16/2023	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288	
NW2	6/16/2023	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112	
NW3	6/16/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128	
NW4	6/21/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128	
EW1	6/20/2023	0-6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
EW1*	8/22/2023	0-6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208	
SW1	6/16/2023	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272	
SW2	6/16/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
SW3	6/16/2023	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128	
WW1	6/16/2023	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176	
WW2	6/20/2023	0-6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	< 30.0	<16.0	
WW2*	8/22/2023	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256	
FL1 @ 3	6/16/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240	
FL2 @ 3	6/16/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	10.2	10.2	240	
FL3 @ 3	6/16/2023	3	In-Situ	< 0.050	0.650	<10.0	11.3	11.3	10.4	21.7	272	
FL4 @ 3	6/16/2023	3	In-Situ	< 0.050	< 0.300	<10.0	11.2	11.2	<10.0	11.2	272	
FL5 @ 3	6/16/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288	
FL6 @ 3	6/16/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240	
FL7 @ 3	6/16/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256	
FL8 @ 3	6/16/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256	
FL9 @ 3	6/16/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256	
FL10 @ 3	6/16/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272	
FL11 @ 3	6/16/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160	
FL12 @ 3	6/16/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160	
FL13 @ 3	6/16/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240	
FL14 @ 3	6/16/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128	
FL15 @ 3	6/16/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0	
FL16 @ 3	6/16/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112	
FL17 @ 3	6/16/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0	
FL18 @ 3	6/16/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112	
FL19 @ 3	6/16/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0	
FL20 @ 3	6/16/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
FL21 @ 3	6/16/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0	
FL22 @ 3	6/16/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0	
FL23 @ 4	6/16/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0	
FL24 @ 4	6/16/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0	
FL25 @ 4	6/16/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0	
FL26 @ 4	6/16/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128	
FL27 @ 3	6/16/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160	
FL28 @ 3	6/16/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0	

Asterisk (*): Resample.

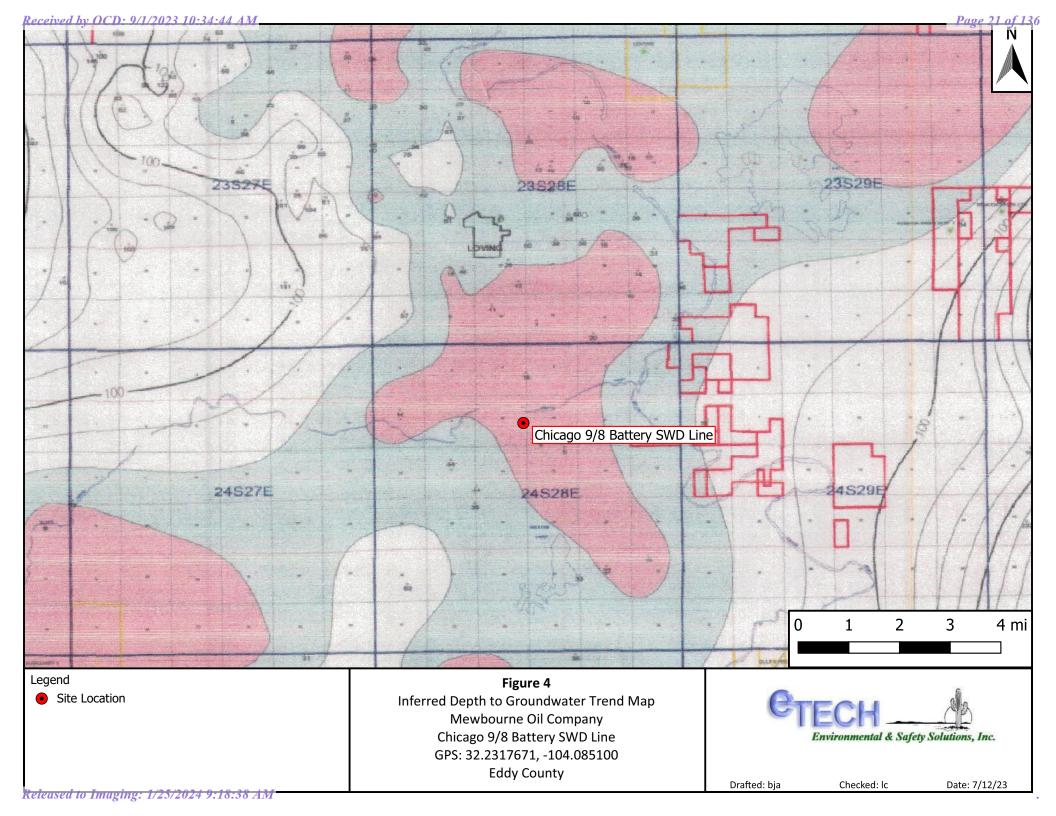
Dash (-): Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company Chicago 9/8 Battery SWD Line NMOCD Ref. #: nAPP2317129194

NM	OCD Closure	Criteria		10	50	N/A	N/A	N/A	N/A	100	600
NMOC	D Reclamation	n Standar	d	10	50	N/A	N/A	N/A	N/A	100	600
				SW 840	6 8021B		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)
FL29 @ 3	6/16/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL30 @ 3	6/16/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL31 @ 3	6/16/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	80.0
FL32 @ 3	6/16/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	96.0
FL33 @ 4	6/16/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	32.0
FL34 @ 4	6/16/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	80.0
FL35 @ 5	6/20/2023	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	112
FL35 @ 5*	8/22/2023	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	320
FL36 @ 5	6/20/2023	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL36 @ 5*	8/22/2023	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	272
FL37 @ 4	6/20/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL37 @ 4*	8/22/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	320
FL38 @ 4	6/20/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL38 @ 4*	8/22/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL39 @ 6	6/20/2023	6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	16.0
FL39 @ 6*	8/22/2023	6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	224
FL40 @ 6	6/20/2023	6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	<16.0
FL40 @ 6*	8/22/2023	6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL41 @ 6	6/20/2023	6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL41 @ 6*	8/22/2023	6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL42 @ 6	6/20/2023	6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL42 @ 6*	8/22/2023	6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL43 @ 4	6/20/2023	4	In-Situ	0.0960	0.623	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL43 @ 4*	8/22/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL44 @ 4	6/20/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL44 @ 4*	8/22/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL45 @ 4	6/20/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL45 @ 4*	8/22/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL46 @ 4	6/20/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL46 @ 4*	8/22/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL47 @ 4	6/20/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL47 @ 4*	8/22/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL48 @ 4	6/20/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL48 @ 4*	8/22/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176

Appendix A Depth to Groundwater Information





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

(NAD83 UTM in meters)

(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)

(In feet)

	POD		-										
	Sub-		Q Q	Q							Depth	Depth	Water
POD Number	Code basin	County	64 16	6 4	Sec	Tws	Rng	X	Υ	Distance	Well	Water	Column
C 00764	CUB	ED	3 1	3	10	24S	28E	586399	3566292* 🌕	282	118	25	93
C 00962	С	ED	3	3	10	24S	28E	586505	3565992*	586	63	9	54
C 00570	CUB	ED	1	1	10	24S	28E	586490	3567195* 🌍	759	100	28	72

Average Depth to Water: 20 feet

DEPTH TO WATER

Minimum Depth: 9 feet

Maximum Depth: 28 feet

Record Count: 3

UTMNAD83 Radius Search (in meters):

Easting (X): 586200.69 Northing (Y): 3566492.88 Radius: 804.67

*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 Se

Q64 Q16 Q4 Sec Tws Rng

X Y

C 00764 3 1 3 10 24S 28E

586399 3566292*

9

Driller License: Driller Company:

Driller Name: W.C. MOORE

Drill Start Date: 05/15/1957 **Drill Finish Date:** 05/25/1957 **Plug Date:**

Log File Date: **PCW Rcv Date:** Shallow 10/16/1958 04/15/1958 Source: Pump Type: **TURBIN** Pipe Discharge Size: Estimated Yield: 400 GPM **Casing Size:** Depth Well: **Depth Water:** 16.00 118 feet 25 feet

Water Bearing Stratifications: Top Bottom Description

23 24 Other/Unknown

85 115 Sandstone/Gravel/Conglomerate

Casing Perforations: Top Bottom

233085115

*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.

8/13/23 7:47 PM

POINT OF DIVERSION SUMMARY



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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number

Q64 Q16 Q4 Sec Tws Rng

X

C 00962

Drill Start Date: 10/07/1960

10 24S 28E

586505 3565992*

Driller License: 30

Driller Company:

BARRON, EMMETT

Driller Name:

BARRON, EMMETT

10/08/1960

Plug Date:

Shallow

Log File Date:

10/24/1960

Drill Finish Date: PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well:

63 feet

Depth Water:

9 feet

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

8/13/23 7:47 PM

POINT OF DIVERSION SUMMARY

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



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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number**

Q64 Q16 Q4 Sec Tws Rng

X

C 00570

10 24S 28E

586490 3567195*

Driller License: 161

Driller Company:

B&FDRILLING COMPANY

Driller Name: W.D. BRININSTOOL

Drill Start Date: 08/12/1954

Drill Finish Date:

Plug Date: 08/14/1954

Log File Date: 09/10/1954 **PCW Rcv Date:**

Source:

Shallow

Pump Type:

Depth Well:

Estimated Yield:

Casing Size:

Pipe Discharge Size:

100 feet

Depth Water: 28 feet

Water Bearing Stratifications:

Top Bottom Description

30

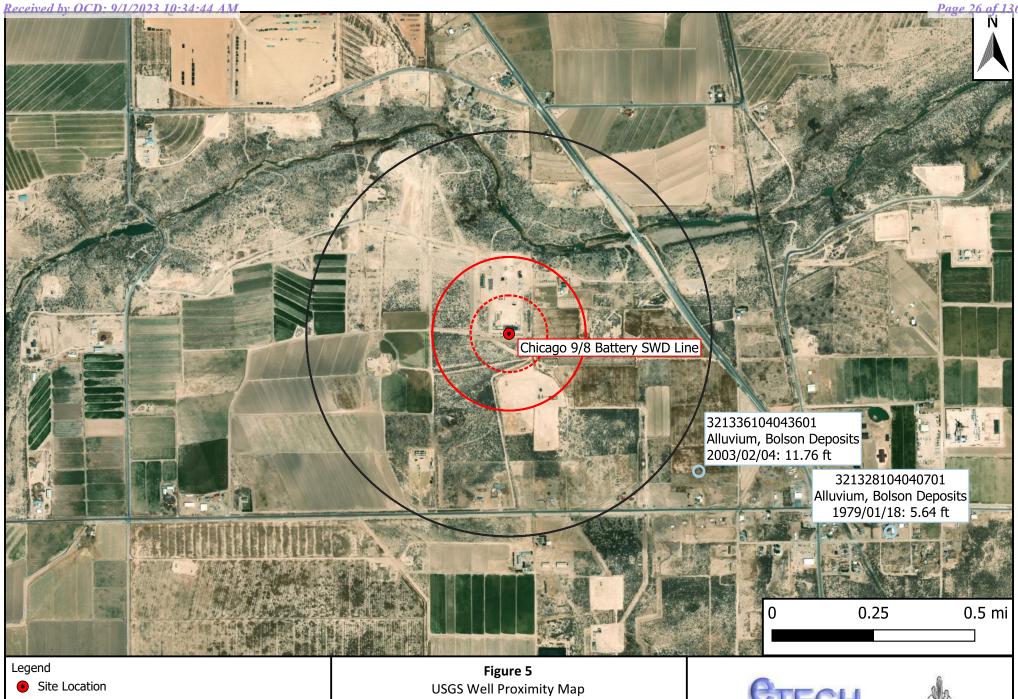
32 Sandstone/Gravel/Conglomerate

*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.

8/13/23 7:47 PM

POINT OF DIVERSION SUMMARY



O Well - USGS

500-Ft Radius

☐ 1,000-Ft Radius ☐ 0.5-Mi Radius

Mewbourne Oil Company
Chicago 9/8 Battery SWD Line
GPS: 32.2317671, -104.085100
Eddy County



Drafted: bja Checked: lc Date: 7/12/23



0

Click forNews Bulletins

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 321336104043601

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321336104043601 24S.28E.10.343114

Eddy County, New Mexico

Latitude 32°13'36", Longitude 104°04'36" NAD27

Land-surface elevation 3,012 feet above NAVD88

The depth of the well is 50 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

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
1974-01-25		D	72019	7.00			1	Z			A
1983-01-31		D	72019	7.10			1	Z			А
1988-02-11		D	72019	6.89			1	Z			А
1992-10-20		D	72019	6.48			1	S			А
1998-01-07		D	72019	7.62			1	S			А
2003-02-04		D	72019	11.76			1	S	USGS	S	Α

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	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 or Comments
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: 2023-08-13 22:48:10 EDT

0.27 0.23 nadww01

USA.gov



Click forNews Bulletins

Groundwater levels for the Nation

■ Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 321328104040701

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321328104040701 24S.28E.15.21224

Eddy County, New Mexico Latitude 32°13'28", Longitude 104°04'07" NAD27 Land-surface elevation 3,003 feet above NAVD88

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data			
Tab-separated data			
Graph of data			
Reselect period			
	Water		

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
1955-07-13		D	72019	10.38			1	Z			A
1974-01-25		D		9.30			1	Z			A
1975-01-29		D		5.35			1	Z			A
1976-01-14		D	72019	9.02			1	Z			А
1977-01-14		D	72019	10.07			1	Z			А
1978-01-25		D	72019	9.84			1	Z			А
1979-01-18		D	72019	5.64			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	Α	Approved for publication Processing and review completed.

Questions or Comments
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 Last Modified: 2023-08-13 22:50:35 EDT

0.27 0.24 nadww01



Appendix B Field Data







Sample Log

6-14.23

Project:

Chicago 9/8 WOHE Fee Com 1H Battery

Project Number:

18297

Latitude:

32.231913

Longitude: -104.084839

Sample ID		PID/Odor	Chloride Conc.	GPS
VI./)	3.0	Management .	372	
FLIP3	7.7	_	417	
	3.4	_	456	
FL 3 0 3	3.2		412	
FL4 6 3	3.6		500	
FL 5 P 3	3 . 2		412	
56683	3.0	Military and a second	372	
1223	3.0	_	322	
	2.6	_	360	
	3.8		552	
	3 6	200	500	
F19 C3	34	_ =	456	-
	3.8	_	552	
	3.6	-	500	
	3.4	_	456	
213 03	3.8	_	552	
214 63	3.2	_	412	
(15 @ 3	18		336	
L16 @3	2.6	-	360	
61783	3.0		372	
C/9 Q3	3.6	-	500	-
11903	3.0		377	
22003	5.5	-	216	
NVZ	3.0	_	372	
5W2	2.2	· ·	256	
	8.5		336	
12263	2.6	_	300	
12304	3 . 8	_	556	
124 e 4	2 8	parame	300	
	2.0	_	208	
12664	2.2		236	
12763	3.6		500	
128 63	3.8	_	500 557	
229 63	2.6	_	300	
130 e 3	2.8	-	336	
NW3	2.2		236	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas







Sample Log

Date:		

Project:	Chicago 9/8	WOHE Fee	Com 1	H Battery
----------	-------------	-----------------	-------	-----------

Project Number: 18297 Latitude: 32.231913 Longitude: -104.084839

Sample IC	D PID/C	dor Chloride Co	onc. GPS
5W3	2.0 -	- 20%	
FL 31 @ 3	3.2 -	- 412	
1 32 9 3	3.0 -	372	
233 03	5.2 -	974	
234 @ 3	5.8 -	904	
FL 33 @ 41	3.8 -	552	
EL 34 @ L	3.6	560	
135 C4	6.8 -	1696	
236 64	6.4 -	- 1484	
L35 @5	3.8 -	552	
136 65	3.6	500	
237 64	3.6-	500	
138 C4	3.6	510	
23904	7,0 -	2580	
140 C4	5.8 -	1208	
21985	5.4	loue	
=14065	5.4 -	1048	
114166	7.8 -	336	
14266	2.6	300	
72 43 @ 4	3.2 -	412	
144 64	7.6 -	500	**
1 45 04	3.2	412	
flub e 4	3.8 -	552	
14701	3.0 -	- 372	
148 64	2.8 -	336	
WWZ	28 -	336	
EWI	3.0	372	
FL 39 86	2.8 -	336	
14006	7.8 -	334	
NWY	30 -	372	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas

Appendix C Photographic Log

Photographic Log

Photo Number:

1

Photo Direction:

West

Photo Description:



View of the affected area.

Photo Number:

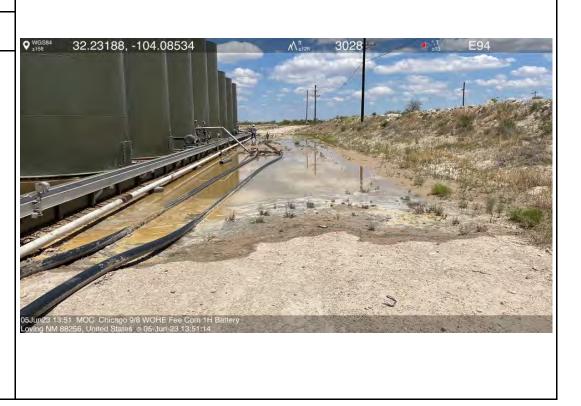
2

Photo Direction:

East

Photo Description:

View of the affected area.



Photographic Log

Photo Number:

3

Photo Direction:

West

Photo Description:



View of the affected area.

Photo Number:

4

Photo Direction:

Southwest

Photo Description:

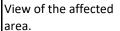




Photo Number:

5

Photo Direction: East-Northeast

Photo Description:

View of the excavated area.



Photo Number:

6

Photo Direction: West-Northwest

Photo Description:

View of the excavated area.



Photo Number:

7

Photo Direction: East

Photo Description:

View of the excavated area.



Photo Number:

8

Photo Direction: South

Photo Description:

View of the excavated area.



Photo Number:

9

Photo Direction: South

Photo Description:

View of the remediated area after backfill and regrading.



Photo Number:

10

Photo Direction:

North

Photo Description:

View of the remediated area after backfill and regrading.



Photo Number:

11

Photo Direction:

West

Photo Description:

View of the remediated area after backfill and regrading.



Photo Number:

12

Photo Direction:

East

Photo Description:

View of the remediated area after backfill and regrading.



Appendix D Laboratory Analytical Reports



June 22, 2023

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

RE: CHICAGO 9-8 W0HE FEE COM 1

Enclosed are the results of analyses for samples received by the laboratory on 06/16/23 16:48.

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:

Applymed By MC

Received: 06/16/2023 Sampling Date: 06/16/2023 Reported: 06/22/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 18297 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 1 @ 3 (H233143-01)

DTEV 0021D

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2023	ND	2.27	114	2.00	3.33	
Toluene*	<0.050	0.050	06/22/2023	ND	2.15	108	2.00	4.17	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.17	108	2.00	3.74	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.36	106	6.00	4.72	
Total BTEX	<0.300	0.300	06/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	06/20/2023	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	06/20/2023	ND	229	115	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	183	91.4	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					
Surrogate: 1-Chlorooctane	92.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	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



Analytical Results For:

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

Received: 06/16/2023 Reported: 06/22/2023 Sampling Date: 06/16/2023 Sampling Type: Soil

Project Name:

CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact

Project Number: 18297

Tamara Oldaker Sample Received By:

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 2 @ 3 (H233143-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	2.27	114	2.00	3.33	
Toluene*	<0.050	0.050	06/21/2023	ND	2.15	108	2.00	4.17	
Ethylbenzene*	< 0.050	0.050	06/21/2023	ND	2.17	108	2.00	3.74	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.36	106	6.00	4.72	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	06/20/2023	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	06/20/2023	ND	229	115	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	183	91.4	200	0.336	
EXT DRO >C28-C36	10.2	10.0	06/20/2023	ND					
Surrogate: 1-Chlorooctane	94.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 06/16/2023 Sampling Date: 06/16/2023

Reported: 06/22/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 18297 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 3 @ 3 (H233143-03)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	2.27	114	2.00	3.33	
Toluene*	0.197	0.050	06/21/2023	ND	2.15	108	2.00	4.17	
Ethylbenzene*	0.183	0.050	06/21/2023	ND	2.17	108	2.00	3.74	
Total Xylenes*	0.271	0.150	06/21/2023	ND	6.36	106	6.00	4.72	
Total BTEX	0.650	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 71.5-13	34						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	06/20/2023	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	06/20/2023	ND	229	115	200	14.2	
DRO >C10-C28*	11.3	10.0	06/20/2023	ND	183	91.4	200	0.336	
EXT DRO >C28-C36	10.4	10.0	06/20/2023	ND					
Surrogate: 1-Chlorooctane	89.1	% 48.2-13	34						
Surrogate: 1-Chlorooctadecane	93.4	% 49.1-14	18						

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

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

Applyzod By: MC

Received: 06/16/2023 Reported: 06/22/2023

CHICAGO 9-8 WOHE FEE COM 1

Project Name: CHICA Project Number: 18297

Project Location: MEWBOURNE - EDDY CO NM

ma/ka

Sampling Date: 06/16/2023

Sampling Type: Soil

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

Sample ID: FL 4 @ 3 (H233143-04)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	2.27	114	2.00	3.33	
Toluene*	<0.050	0.050	06/21/2023	ND	2.15	108	2.00	4.17	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.17	108	2.00	3.74	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.36	106	6.00	4.72	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	06/20/2023	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	06/20/2023	ND	229	115	200	14.2	
DRO >C10-C28*	11.2	10.0	06/20/2023	ND	183	91.4	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					
Surrogate: 1-Chlorooctane	90.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.0	% 49.1-14	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. Keine



Analytical Results For:

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

Applyzod By: MC

Received: 06/16/2023 Reported: 06/22/2023 Sampling Date: 06/16/2023 Sampling Type: Soil

Project Name:

RTFY 8021R

CHICAGO 9-8 W0HE FEE COM 1

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

Project Number: 18297

Project Location: MEWBOURNE - EDDY CO NM

ma/ka

Sample ID: FL 5 @ 3 (H233143-05)

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	2.27	114	2.00	3.33	
Toluene*	<0.050	0.050	06/21/2023	ND	2.15	108	2.00	4.17	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.17	108	2.00	3.74	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.36	106	6.00	4.72	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	06/20/2023	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	06/20/2023	ND	229	115	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	183	91.4	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					
Surrogate: 1-Chlorooctane	76.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.2	% 49.1-14	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. Keine



Analytical Results For:

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

Received: 06/16/2023 Reported: 06/22/2023 Sampling Date: 06/16/2023 Sampling Type: Soil

Project Name:

CHICAGO 9-8 W0HE FEE COM 1

Sampling Condition: Cool & Intact

Project Number: 18297 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 6 @ 3 (H233143-06)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	2.27	114	2.00	3.33	
Toluene*	<0.050	0.050	06/21/2023	ND	2.15	108	2.00	4.17	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.17	108	2.00	3.74	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.36	106	6.00	4.72	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	06/20/2023	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	06/20/2023	ND	229	115	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	183	91.4	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					
Surrogate: 1-Chlorooctane	71.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.9	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Fax To:

 Received:
 06/16/2023
 Sampling Date:
 06/16/2023

 Reported:
 06/22/2023
 Sampling Type:
 Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 18297 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 7 @ 3 (H233143-07)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	2.27	114	2.00	3.33	
Toluene*	<0.050	0.050	06/21/2023	ND	2.15	108	2.00	4.17	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.17	108	2.00	3.74	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.36	106	6.00	4.72	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	06/20/2023	ND	400	100	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	06/20/2023	ND	229	115	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	183	91.4	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					
Surrogate: 1-Chlorooctane	79.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.7	% 49.1-14	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



Analytical Results For:

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

Fax To:

Received: 06/16/2023 Sampling Date: 06/16/2023

Reported: 06/22/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 18297 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

Sample ID: FL 8 @ 3 (H233143-08)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.99	99.4	2.00	3.24	
Toluene*	<0.050	0.050	06/21/2023	ND	2.09	104	2.00	3.81	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.40	107	6.00	2.90	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	06/20/2023	ND	400	100	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	06/20/2023	ND	229	115	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	183	91.4	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					
Surrogate: 1-Chlorooctane	80.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.4	% 49.1-14	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.

Celeg & Keene



Analytical Results For:

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

Analyzed By: MS

Received: 06/16/2023 Reported: 06/22/2023 Sampling Date: 06/16/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 WOHE FEE COM 1

Sampling Condition: Cool & Intact

Project Number: 18297

Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

Sample ID: FL 9 @ 3 (H233143-09)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.99	99.4	2.00	3.24	
Toluene*	<0.050	0.050	06/21/2023	ND	2.09	104	2.00	3.81	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.40	107	6.00	2.90	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	06/20/2023	ND	400	100	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	06/20/2023	ND	229	115	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	183	91.4	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	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. Keine



Tamara Oldaker

Analytical Results For:

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

Received: 06/16/2023 Reported:

Sampling Date: 06/16/2023 06/22/2023 Sampling Type: Soil CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact

Project Name:

Project Number: 18297 Sample Received By:

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 10 @ 3 (H233143-10)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.99	99.4	2.00	3.24	
Toluene*	0.074	0.050	06/21/2023	ND	2.09	104	2.00	3.81	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.40	107	6.00	2.90	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	06/20/2023	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	06/20/2023	ND	229	115	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	183	91.4	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					
Surrogate: 1-Chlorooctane	90.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.1	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 06/16/2023 Sampling Date: 06/16/2023

Reported: 06/22/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Project Number: 18297 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 11 @ 3 (H233143-11)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.99	99.4	2.00	3.24	
Toluene*	<0.050	0.050	06/21/2023	ND	2.09	104	2.00	3.81	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.40	107	6.00	2.90	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/20/2023	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	06/20/2023	ND	229	115	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	183	91.4	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					
Surrogate: 1-Chlorooctane	91.3 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.0 9	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 06/16/2023 Sampling Date: 06/16/2023

Reported: 06/22/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Project Number: 18297 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 12 @ 3 (H233143-12)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.99	99.4	2.00	3.24	
Toluene*	<0.050	0.050	06/21/2023	ND	2.09	104	2.00	3.81	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.40	107	6.00	2.90	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/20/2023	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	06/20/2023	ND	229	115	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	183	91.4	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					
Surrogate: 1-Chlorooctane	92.4 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.6	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

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

Applyzod By: MC

Received: 06/16/2023 Reported:

Sampling Date: 06/16/2023

Project Name:

06/22/2023

Sampling Type: Soil

Project Number:

RTFY 8021R

CHICAGO 9-8 W0HE FEE COM 1

Sampling Condition: Cool & Intact Sample Received By:

18297

Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 13 @ 3 (H233143-13)

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.99	99.4	2.00	3.24	
Toluene*	<0.050	0.050	06/21/2023	ND	2.09	104	2.00	3.81	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.40	107	6.00	2.90	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	06/20/2023	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	06/20/2023	ND	229	115	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	183	91.4	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.7	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine

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: 06/16/2023 Sampling Date: 06/16/2023

Reported: 06/22/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 18297 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 14 @ 3 (H233143-14)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.99	99.4	2.00	3.24	
Toluene*	<0.050	0.050	06/21/2023	ND	2.09	104	2.00	3.81	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.40	107	6.00	2.90	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	229	115	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	183	91.4	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	93.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	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



Analytical Results For:

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

Fax To:

Received: 06/16/2023 Sampling Date: 06/16/2023

Reported: 06/22/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Project Number: 18297 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 15 @ 3 (H233143-15)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.99	99.4	2.00	3.24	
Toluene*	<0.050	0.050	06/21/2023	ND	2.09	104	2.00	3.81	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.40	107	6.00	2.90	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	229	115	200	14.2	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	183	91.4	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	92.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 06/16/2023 Sampling Date: 06/16/2023

Reported: 06/22/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 18297 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 16 @ 3 (H233143-16)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.99	99.4	2.00	3.24	
Toluene*	<0.050	0.050	06/21/2023	ND	2.09	104	2.00	3.81	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.40	107	6.00	2.90	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
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	06/20/2023	ND	416	104	400	3.77	
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	06/21/2023	ND	184	92.2	200	9.48	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	205	102	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	115	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 49.1-14	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 & Freene



Analytical Results For:

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

Received: 06/16/2023 Reported: 06/22/2023 Sampling Date: 06/16/2023 Sampling Type: Soil

Project Name:

CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Project Number: 18297

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 17 @ 3 (H233143-17)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.99	99.4	2.00	3.24	
Toluene*	<0.050	0.050	06/21/2023	ND	2.09	104	2.00	3.81	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.40	107	6.00	2.90	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	184	92.2	200	9.48	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	205	102	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	124	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keene



Analytical Results For:

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

Received: 06/16/2023 Reported: 06/22/2023 Sampling Date: 06/16/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Project Number: 18297

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 18 @ 3 (H233143-18)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.99	99.4	2.00	3.24	
Toluene*	<0.050	0.050	06/21/2023	ND	2.09	104	2.00	3.81	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.40	107	6.00	2.90	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	184	92.2	200	9.48	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	205	102	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	91.69	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.8 9	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine

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: 06/16/2023 Sampling Date: 06/16/2023

Reported: 06/22/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 18297 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 19 @ 3 (H233143-19)

RTFY 8021R

Result <0.050	Reporting Limit	Analyzed	Method Blank	DC	0/ 5			
<0.050			ricaica Blaint	BS	% Recovery	True Value QC	RPD	Qualifier
	0.050	06/21/2023	ND	1.99	99.4	2.00	3.24	
<0.050	0.050	06/21/2023	ND	2.09	104	2.00	3.81	
<0.050	0.050	06/21/2023	ND	2.12	106	2.00	3.81	
<0.150	0.150	06/21/2023	ND	6.40	107	6.00	2.90	
<0.300	0.300	06/21/2023	ND					
106	% 71.5-13	4						
mg,	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
80.0	16.0	06/20/2023	ND	416	104	400	3.77	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	06/21/2023	ND	184	92.2	200	9.48	
<10.0	10.0	06/21/2023	ND	205	102	200	15.5	
<10.0	10.0	06/21/2023	ND					
120	% 48.2-13	4						
114 9	% 49.1-14	8						
	<0.050 <0.050 <0.050 <0.150 <0.300 106 9 Result 80.0 mg/ Result <10.0 <10.0 <10.0	<0.050 0.050 <0.050 0.050 <0.150 0.150 <0.300 0.300 106	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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. Keine



Analytical Results For:

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

Applyzod By: MC

Received: 06/16/2023 Reported: 06/22/2023 Sampling Date: 06/16/2023 Sampling Type: Soil

Project Name:

Sampling Condition: Cool & Intact

Project Number: 18297

Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

CHICAGO 9-8 W0HE FEE COM 1

Sample ID: FL 20 @ 3 (H233143-20)

RTFY 8021R

BIEX 8021B	mg	/ kg	Analyze	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.99	99.4	2.00	3.24	
Toluene*	<0.050	0.050	06/21/2023	ND	2.09	104	2.00	3.81	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.40	107	6.00	2.90	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	184	92.2	200	9.48	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	205	102	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					
Surrogate: 1-Chlorooctane	57.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	52.5	% 49.1-14	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. Keine



Analytical Results For:

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

Fax To:

Received: 06/16/2023 Sampling Date: 06/16/2023

Reported: 06/22/2023 Sampling Type: Soil Project Name: CHICAGO 9-8 W0HE FEE COM 1

Sampling Condition: Cool & Intact Project Number: 18297 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 21 @ 3 (H233143-21)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.99	99.4	2.00	3.24	
Toluene*	<0.050	0.050	06/21/2023	ND	2.09	104	2.00	3.81	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.40	107	6.00	2.90	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
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	06/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	184	92.2	200	9.48	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	205	102	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					
Surrogate: 1-Chlorooctane	62.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	59.9	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 06/16/2023 Sampling Date: 06/16/2023

Reported: Sampling Type: Soil 06/22/2023

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Project Number: 18297 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 22 @ 3 (H233143-22)

BTEX 8021B	mg	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.99	99.4	2.00	3.24	
Toluene*	<0.050	0.050	06/21/2023	ND	2.09	104	2.00	3.81	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.40	107	6.00	2.90	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	184	92.2	200	9.48	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	205	102	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					
Surrogate: 1-Chlorooctane	69.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.8	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 06/16/2023 Sampling Date: 06/16/2023

Reported: 06/22/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 18297 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 23 @ 4 (H233143-23)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.99	99.4	2.00	3.24	
Toluene*	<0.050	0.050	06/21/2023	ND	2.09	104	2.00	3.81	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.40	107	6.00	2.90	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	6 71.5-13	4						
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	06/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	184	92.2	200	9.48	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	205	102	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					
Surrogate: 1-Chlorooctane	78.0 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.5 9	% 49.1-14	0						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 06/16/2023 Sampling Date: 06/16/2023

Reported: Sampling Type: Soil 06/22/2023

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Project Number: 18297 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 24 @ 4 (H233143-24)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.99	99.4	2.00	3.24	
Toluene*	<0.050	0.050	06/21/2023	ND	2.09	104	2.00	3.81	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.40	107	6.00	2.90	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	184	92.2	200	9.48	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	205	102	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	98.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.8	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Applyzod By: MC

Received: 06/16/2023 Reported: 06/22/2023 Sampling Date: 06/16/2023 Sampling Type: Soil

Project Name:

RTFY 8021R

CHICAGO 9-8 WOHE FEE COM 1 Sampling Condition:

Cool & Intact

Project Number: 18297

Sample Received By:

Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 25 @ 4 (H233143-25)

B1EX 8021B	тд/кд		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.99	99.4	2.00	3.24	
Toluene*	<0.050	0.050	06/21/2023	ND	2.09	104	2.00	3.81	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.40	107	6.00	2.90	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	184	92.2	200	9.48	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	205	102	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	90.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.0	% 49.1-14	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. Keine

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: 06/16/2023 Sampling Date: 06/16/2023

Reported: 06/22/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 18297 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 26 @ 4 (H233143-26)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.99	99.4	2.00	3.24	
Toluene*	<0.050	0.050	06/21/2023	ND	2.09	104	2.00	3.81	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.40	107	6.00	2.90	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	184	92.2	200	9.48	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	205	102	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	71.7 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	64.7 9	% 49.1-14	0						

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



Analytical Results For:

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

Received: 06/16/2023 Reported: 06/22/2023 Sampling Date: 06/16/2023

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Type: Soil Cool & Intact

Project Number: 18297 Sampling Condition: Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 27 @ 3 (H233143-27)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.99	99.4	2.00	3.24	
Toluene*	<0.050	0.050	06/21/2023	ND	2.09	104	2.00	3.81	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.40	107	6.00	2.90	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	% 71.5-13	4						
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	06/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	184	92.2	200	9.48	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	205	102	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	67.8 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.2 9	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 06/16/2023 Sampling Date: 06/16/2023

Reported: 06/22/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 18297 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 28 @ 3 (H233143-28)

RTFY 8021R

B1EX 8021B	тд/кд		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.95	97.6	2.00	1.41	
Toluene*	<0.050	0.050	06/21/2023	ND	2.01	100	2.00	0.591	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.18	109	2.00	1.32	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.49	108	6.00	1.39	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	184	92.2	200	9.48	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	205	102	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	87.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.6	% 49.1-14	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. Keine



Analytical Results For:

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

Received: 06/16/2023 Reported: 06/22/2023

CHICAGO 9-8 W0HE FEE COM 1

Project Name: Project Number: 18297

Project Location: MEWBOURNE - EDDY CO NM Sampling Date: 06/16/2023

Sampling Type: Soil

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

Sample ID: FL 29 @ 3 (H233143-29)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.95	97.6	2.00	1.41	
Toluene*	<0.050	0.050	06/21/2023	ND	2.01	100	2.00	0.591	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.18	109	2.00	1.32	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.49	108	6.00	1.39	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
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	06/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	184	92.2	200	9.48	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	205	102	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	109 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

06/16/2023

06/22/2023

CHICAGO 9-8 W0HE FEE COM 1

Project Number: 18297

Project Location: MEWBOURNE - EDDY CO NM Sampling Date: 06/16/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

Sample ID: FL 30 @ 3 (H233143-30)

Received:

Reported:

Project Name:

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	06/21/2023	ND	1.95	97.6	2.00	1.41	
Toluene*	<0.050	0.050	06/21/2023	ND	2.01	100	2.00	0.591	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.18	109	2.00	1.32	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.49	108	6.00	1.39	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
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	06/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	184	92.2	200	9.48	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	205	102	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	91.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.7	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 06/16/2023 Sampling Date: 06/16/2023

Reported: 06/22/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 18297 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

Sample ID: FL 31 @ 3 (H233143-31)

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	06/21/2023	ND	1.95	97.6	2.00	1.41	
Toluene*	<0.050	0.050	06/21/2023	ND	2.01	100	2.00	0.591	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.18	109	2.00	1.32	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.49	108	6.00	1.39	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
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	06/20/2023	ND	416	104	400	3.77	
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	06/21/2023	ND	184	92.2	200	9.48	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	205	102	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	91.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.4	% 49.1-14	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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 06/16/2023 Sampling Date: 06/16/2023

Reported: 06/22/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 18297 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 32 @ 3 (H233143-32)

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	06/21/2023	ND	1.95	97.6	2.00	1.41	
Toluene*	<0.050	0.050	06/21/2023	ND	2.01	100	2.00	0.591	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.18	109	2.00	1.32	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.49	108	6.00	1.39	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
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	06/20/2023	ND	416	104	400	3.77	
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	06/21/2023	ND	184	92.2	200	9.48	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	205	102	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	87.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.2	% 49.1-14	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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 06/16/2023 Sampling Date: 06/16/2023

Reported: 06/22/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 18297 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 33 @ 4 (H233143-33)

RTFY 8021R

BIEX 8021B	mg/	кд	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.95	97.6	2.00	1.41	
Toluene*	<0.050	0.050	06/21/2023	ND	2.01	100	2.00	0.591	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.18	109	2.00	1.32	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.49	108	6.00	1.39	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	mg/kg Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/20/2023	ND	416	104	400	3.77	
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	06/21/2023	ND	184	92.2	200	9.48	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	205	102	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.9	% 49.1-14	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. Keine



Analytical Results For:

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

Received: 06/16/2023 Reported: 06/22/2023 Sampling Date: 06/16/2023 Sampling Type: Soil

Project Name:

CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition:

Project Number: 18297

Cool & Intact Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 34 @ 4 (H233143-34)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.95	97.6	2.00	1.41	
Toluene*	<0.050	0.050	06/21/2023	ND	2.01	100	2.00	0.591	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.18	109	2.00	1.32	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.49	108	6.00	1.39	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/20/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	184	92.2	200	9.48	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	205	102	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	71.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.9	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 06/16/2023 Sampling Date: 06/16/2023

Reported: 06/22/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 18297 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: MEWBOURNE - EDDY CO NM

ma/ka

Sample ID: NW 1 (H233143-35)

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	06/21/2023	ND	1.95	97.6	2.00	1.41	
Toluene*	<0.050	0.050	06/21/2023	ND	2.01	100	2.00	0.591	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.18	109	2.00	1.32	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.49	108	6.00	1.39	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	06/20/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	184	92.2	200	9.48	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	205	102	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	82.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.9	% 49.1-14	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.

Celeg & Freene



Analytical Results For:

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

Analyzed By: JH/

Received: 06/16/2023 Reported: 06/22/2023 Sampling Date: 06/16/2023

Project Name: CHICAGO 9-8 W0HE FEE COM 1

Sampling Type: Soil

Project Number: 18297

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

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

Sample ID: NW 2 (H233143-36)

BTEX 8021B

	<u> </u>			. , . ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.95	97.6	2.00	1.41	
Toluene*	<0.050	0.050	06/21/2023	ND	2.01	100	2.00	0.591	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.18	109	2.00	1.32	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.49	108	6.00	1.39	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
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	06/20/2023	ND	432	108	400	3.77	
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	06/20/2023	ND	166	83.0	200	2.09	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	161	80.6	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					
Surrogate: 1-Chlorooctane	90.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.6	% 49.1-14	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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kreine



Analytical Results For:

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

Fax To:

Received: 06/16/2023 Sampling Date: 06/16/2023

Reported: 06/22/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 18297 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

Sample ID: NW 3 (H233143-37)

BTEX 8021B

DILX GOZID	11197	- Kg	Alldiyzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.95	97.6	2.00	1.41	
Toluene*	<0.050	0.050	06/21/2023	ND	2.01	100	2.00	0.591	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.18	109	2.00	1.32	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.49	108	6.00	1.39	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/20/2023	ND	432	108	400	3.77	
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	06/20/2023	ND	166	83.0	200	2.09	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	161	80.6	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					
Surrogate: 1-Chlorooctane	50.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	52.8	% 49.1-14	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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Received: 06/16/2023 Reported: 06/22/2023

CHICAGO 9-8 W0HE FEE COM 1

Project Number: 18297

Project Location: MEWBOURNE - EDDY CO NM Sampling Date: 06/16/2023

Sampling Type: Soil

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

Sample ID: SW 1 (H233143-38)

Project Name:

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	06/21/2023	ND	1.95	97.6	2.00	1.41	
Toluene*	<0.050	0.050	06/21/2023	ND	2.01	100	2.00	0.591	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.18	109	2.00	1.32	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.49	108	6.00	1.39	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	06/20/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	166	83.0	200	2.09	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	161	80.6	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					
Surrogate: 1-Chlorooctane	97.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Received: 06/16/2023 Reported: 06/22/2023 Sampling Date: 06/16/2023

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Type: Soil Sampling Condition: Cool & Intact

Project Number: 18297

Tamara Oldaker Sample Received By:

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: SW 2 (H233143-39)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.95	97.6	2.00	1.41	
Toluene*	<0.050	0.050	06/21/2023	ND	2.01	100	2.00	0.591	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.18	109	2.00	1.32	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.49	108	6.00	1.39	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/20/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	166	83.0	200	2.09	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	161	80.6	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					
Surrogate: 1-Chlorooctane	80.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.1	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 06/16/2023 Sampling Date: 06/16/2023

Reported: 06/22/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 18297 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

Sample ID: SW 3 (H233143-40)

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	06/21/2023	ND	1.95	97.6	2.00	1.41	
Toluene*	<0.050	0.050	06/21/2023	ND	2.01	100	2.00	0.591	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.18	109	2.00	1.32	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.49	108	6.00	1.39	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/20/2023	ND	432	108	400	3.77	
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	06/20/2023	ND	166	83.0	200	2.09	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	161	80.6	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					
Surrogate: 1-Chlorooctane	95.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey & Keene



Analytical Results For:

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

Fax To:

 Received:
 06/16/2023
 Sampling Date:
 06/16/2023

 Reported:
 06/22/2023
 Sampling Type:
 Soil

Reported: 06/22/2023 Sampling Type: Soil
Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact

Project Number: 18297 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: WW 1 (H233143-41)

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	06/21/2023	ND	1.95	97.6	2.00	1.41	
Toluene*	<0.050	0.050	06/21/2023	ND	2.01	100	2.00	0.591	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	2.18	109	2.00	1.32	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	6.49	108	6.00	1.39	
Total BTEX	<0.300	0.300	06/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/20/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	166	83.0	200	2.09	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	161	80.6	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	18						

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. Keine



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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

Celeg D. Freene

Page 44 of 48

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 Ea	st Mariano	i, Hobb	s, NM	88240
(575)	393-2326	FAX (575) 39	3-2476

Company Name	: Etech Environmental & Safety Solu	tions, Inc.	BILL TO	1	ANALYSIS REQUEST
Project Manage	A		P.O. #:		
Address: P.C			Company: Wey bour		
City: Lovingto	on State: NM	Zip: 88260	Attn: Seft Broom		
Phone #: (57			Address: 4fo/ BISPB	4	
Project #: 18 LO	7 Project Owner	. Mewbourn	city: Hobb/		
Project Name:	Chicago % Wolle Fee Co Bural Malaga Drawing Casarek	m l	State://M Zip:8824	Chloride TPH (8015M) STEX (8021B)	
Project Locatio	n: Rural Malaga	1	Phone #:	Chloride H (8015I	
Sampler Name:	Drivial Casarex		Fax ft:	를 가 X	
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLI	FE	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL	OTHER: ACIDIBASE: ICE / COOL MHER:	TIME	
H233143	F/ 103	CIL	V 6-1X10	VV	
2	FL 203		1 5	111	
3	FL 3 @ 3				
4	FL 4 @ 3				
5	FL 5 8 3				
6	FL 603				
7	FL 8 0 3				
8	FL 9 Q 3				
10	FL 10 60 3	111111111111111111111111111111111111111			+++++
PLEASE NOTE: Liability at	nd Damages. Cardinal's liability and client's euclusive remedy for a	ny claim arising whether based in contra	ict or tort, shall be limited to the amount paid	he client for the	
analyses. All claims includi service. In no event shall C	ing those for negligence and any other cause whatevever shall be ardinel be liable for incidental or contequents! durnages, including ing out of or related to the performance of services hereunder to	deemed waived unless made in writing a without college, buying biforptions	and received by Cardinal within 30 days after e, lose of use, or lose of profile incurred by di	pletion of the applicable its subsidiaries,	
Relinquished B	y: Date:	Received By:	m a nesent upon any of the above stated res	one Result: ' Yes N	
	Sun CH2 Time: 48	Mulari	a Medistrate	x Result: Yes N MARKS:	o Addi Fax #:
Relinquished B	y: Date:	Received By:			
	Time:		1 1 1	ease email results to pm@	Retacheny com
Delivered By	(Circle One)	#1/B Sample Condi	Hiop CHECKED BY:	ease email results to pmil	getecheny.com.
Sampler - UPS	- Bus - Other: - 3, 6c/	42 Yes PY	es (Initials)		
EORM-006	10-	redirect connect account to	artet changes Places for	ditton observes to 575 303	9476

Revision 1.0

RDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	: Etech Environmental & Safety Solut	tions, I	nc.			T		E	ILL	TO						ANALYSIS REC	UEST
Project Manage	r. Lane Crensher						O. #							T			
Address: P.C). Box 301				1	C	omp	any:	mei	J Dour	K						
City: Lovingto	on State: NM	Zip: 8	8260			A	itn:	501	CF	1350	0111		N.				
Phone #: (57	5) 396-2378 Fax #: (575) 3	96-142	29			A	ddre	ss:4	180	Bus	PBlud						
Project #: 187	A-7 Project Owner	r. Mi	2Wb	NIV		C	ity:	Hr	66	5				-			
Project Name:	Charago exa WOHE	Fee	CON	n/1	4	S	tate:	Nn	Zi	p:28 2	40		SIM)	218			
Project Locatio	Charago ela WoHe Ruras Malaga						hone					Chloride	TPH (8015M)	BTEX (8021B)			
Sampler Name:		12				F	ex #:					훙	I	X			
FOR LAB USE ONLY		IT		MA	TRIX		_	ESER	V.	SAMPL	ING		1	B			
Lab I.D. H233143	Sample I.D.	(G)RAB OR (C)OMF	GROUNDWATER	WASTEWATER	J/S	SCUDGE	ACID/BASE:	ICE / COOL	WHER:	DATE	TIME						
D(11	FULLEZ	CI		V				V	16	-186		V	V	V			
12	FL 12 @ 3	1	i	1				1		1		1	1	1			
13	FL 13 P 3)		1		1 1						8	1				
14	FL 14@3	Ш	1					1									
15	FL 15@3	Ш		1				4	-			1	1	11	-		
14	FL 16 @ 3	Ш				-		11	1			μ	11	\Box	-		
17	FL 17 @ 3	Ш		-		-		1	-			1	11	+}	+		
18	FL 18 @ 3	H			-				+	-		1	4	H	+	+	
19	CL 19 (N 3	1		- 1		1		-	+	W		1	1	1	-	++++	
PLEASE NOTE: Liability as	of Damages, Cardinal's flability and client's exclusive remedy for a	ny daim a	rising who	ther based	in contra	act or to	rt shall	be firely	ed to the	amount pa	d by the client for	the .	-	10			
analyses. All claims includi service, in no event shall C	ing those for negligence and any other cause whetelever shall be ardinal be liable for incidental or consequental damages, including ing out of or related to the performance of services hereungler by C	deemed w	milwion, b	es made i	145	ond rec	elved by of use, o	Cardin or loss o	ed within	30 days after	or completion of the	ne applice ries.	ible				
Relinquished B	ong out of or related to the performance of services hereunder by one of the performance of the perf		eived	ALLI C	W/G	in ja ba	I po		The str	Less of the latest and the latest an	Phone Re- Fax Resul REMARKS	t	' O Y		□ No	Add'l Phone #: Add'l Fax #:	
Relinquished B	Time:	Rece	eived			i i		AUF			Please e	mail r	esult	s to p	om@e	etechenv.com.	
	(Circle One)	#11	3	Cool	Intaci	Hion	1	CHEC	nitials	USY:							
Sampler - UPS	- Bus - Other: _ 3.6c/-	4.2	d	Yes No	H	No.		1	7-8) _							
FORM-006	/ + C=	adin at	0000	04 000		-	A aba	-	o Di		waltham o	h	4-	E7E 1	02 24	76	

Revision 1.0

Released to Imaging: 1/25/2024 9:18:38 AM

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name	: Etech Environmental & Safety Soluti	ions	, Inc	C.			T			BI	LL	TO							ANA	LYS	IS F	REC	QUES	ST			
Project Manage	- Lanc Creashav						P	.0.	#:							T						T					
Address: P.O							C	omp	pany	y: 1	1eu	160	Urn													1	
City: Lovingto	on State: NM	Zip	: 88	260								3rx		1	*	1			1			1					
Phone #: (575	5) 396-2378 Fax #: (575) 3	96-1	429)			A	ddre	085:	490	11 /	304	PAVO	1													
Project #: 192	۹٦ Project Owner	: 1	lew	100	urn		C	ity:	4	166	15					1.											
Project Name:	Philago 9/2 WOHR Fee	Co	M	11	+							\$ 12	240	0	5M)	1 5	917										ļ
Project Location	Chicago 9/8 WOHE Fee Rural malaga	-						hon						Chloride	TPH (8015M)	A CONTRACTOR	(20)			1							
Sampler Name:		2					F	ax #	h					3	I	13	K										
FOR LAB USE ONLY					MAT	RIX		PF	RESI	ERV.	3	AMPL	NG		F	1	0										
Lab I.D. <i>H23.3143</i>	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	É	SLUDGE .	ACID/BASE:	ICE / COOL	OTHER:	D	ATE,	TIME														
H233143	FL71 @ 3	C	1		1			T	V			1 744	1	1	-	1	/										
Dr 31 33 34 35 34 35	FL 22 0 3	ī	1		1				1					1	1		1										
23	FL 23 8 4	1			1								111					2									
24	FL 24 @ 4	П	П						1																		
25	FL 25 @4		11				1 1		1					10													
26	FL 26 24						7			1	1																
27	FL 27 & 3										61			Ш													
28	FL 28 8 3	Ц	Ш		1			1						11					-	-	-	1				-	
	FL 29 8 3	1	11		V			1			_	1		11	11				-	-	-	-			-	-	
	FC 30 © 3 nd Darmages. Cardinal's liebility and client's exclusive remedy for a	_	1		4				-			V	but the offeet fo	14	151						_					\perp	
analyses. All claims include	ng those for negligence and any other cause whatsoever shall be o	deeme	d waiv	red union	s made is	23	and re	celved	by Ca	edinal v	othin 30	days afte	or completion of	the applica	able												
Relinquished B	Long Times 48	Be	cel	ved I	aul	Oll	2	L.		da,	de la constantina della consta	1	Phone Re Fax Resu REMARK	esuit: iit: (S:	0	fes	0	No No	Add'	Phor	k			2.00			
	(Circle One) - Bus - Other: _ 3.6c /-	#1	13	S	ample og/ Yes	Con	dition	2		(Init	(ED E	Y:	Please 6	ernail	resul	us to	pn	i@e	ecne	nv.co	iri1.						
FORM-006		nelie.	-			-		-0 -0		V	Dies	an for	v weltten	chana	in to	E76	20	2 24	ie.								

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

ARDINAL LABORATORIES 101 East Mariand, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.	BILL TO		ANALYSIS REQUEST
Project Manager: Lan (CYEN Shaw	P.O. #:		
Address: P.O. Box 301	Company: Me Wpo 0	n	
City: Lovington State: NM Zip: 88260	Attn: Jeff Broom		
Phone #: (575) 396-2378 Fax #: (575) 396-1429	Address:490 Bos		
Deningt to 10 1017 Project Owner MP W/ Pail/Y	Cina Hob		
Project Name: Chirc. Go 914 Wother Fre Com 1H	State: NIM Zip 9 24	10	18 J
Project Location: Rusa Malasa	Phone #:	prid	100
Project Name: Chicago 9/4 Wotte Fee Com 1H Project Location: Rural malaga Sampler Name: Dominic Casayte	Fax #:	Chloride	TPH (8015M) BTEX (8021B)
FOR LABUSE ONLY	ATRIX PRESERV SAMPL		4 E
(G)RAB OR (C)OMP **CONTAINERS GROUNDWATER WASTEWATER	BOUL SLUDGE OTHER: ACIDIBASE: ICE / COOL OTHER:	THIE	
DL. 31 FL 31 @ 3	V 6.18	V	VV III
32 FL 37 @ 3			
32 FL 32 @ 3 33 FL 33 P 4 34 FL 34 P 4		2.31	
34 FL 34 P4			
35 NW1			
36 NW2			
37 NW3			
38 5W1			
39 Sw2			
40 3w3			
LEASE NOTE: Liability and Damages. Cardinal's flability and offent's exclusive remedy for any claim arking whether be nalyses. All claims including those for negligence and any other cause whetever shall be deemed waiwed unless rea	sed in contract or tort, shall be limited to the amount p ie in yeting and received by Cardinal within 30 days of	id by the client for the er completion of the applicate	
nailyses. All claims including those for negligence and any offer cause whatsoever that be deemed valved unless re- envice. In no evers shall Cardinal be listele for incidental or consequental damages, including without limited pul- rifiliates or successors arising out of or related to the performance of services hersunder by Cardinal, regardless or	or such claim is based upon any of the above sheet	essons or otherwise.	
Relinquished By: Date: Received By:	///////	Fax Result	☐ Yes ☐ No Add1 Phone #: ☐ Yes ☐ No Add1 Fax #:
allaz Timpi 481 Valle	ara Maaksak	REMARKS:	
Relinquished By: Date: Received By:			
Yime:	11/10/10		
	le Condition CHECKED BY:	Please email re	sults to pm@etechenv.com.
/ #1/ J Cont	Intact (Initials)	#1.	
Sampler - UPS - Bus - Other: _ 3.6 c/- 4.2	es TYes You		•
	cont webst changes Places fo		A. T. 202 0476

FORM-006 Revision 1.0

Received by OCD: 9/1/2023 10:34:44 AM

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

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	: Etech Environment	al & Safety Solut	ions	, Inc	2						BI	LL TO						ANA	LYSI	SR	EQUE	ST		
Project Manage	. Lanc Cren	Shav							P.O.															
Address: P.O.	. Box 301								Com	pany	:M	en bou.	N							1				
City: Lovingto	n	State: NM	Zlp	: 88:	260		1		Attn:	7	ef	f Broom	un		16									
Phone #: (575	6) 396-2378	Fax #: (575) 3							Addı	1055;	490	01 Bus 0	Blud											
Project #: 192	97	Project Owner	·M	LW	beu	M			City:	H	obb	5												
Project Name: (hicro 9/8 1 Evral 1 Danville	JoHe Fee	0	OM	1	H		4	State	: N	M	Zip:8821	10		TPH (8015M)	STEX (8021B)								
Project Location	: Bural 1	Malasa								ne #:				Chloride	801	(80							-	
Sampler Name:	DAMINIC	CaseV12	_						Fax	Ø:				3	H	X		1						
FOR LAB USE ONLY						MA	TRI	(P	RESE	RV.	SAMPLI	4G		1	M		1						
Lab I.D. #23 <i>314</i> 3	Sample I	.D.	(G)RAB OR (C)OMP	CONTAINERS	GROUNDWATER	WASTEWATER	QI.	SLUDGE	OTHER:	ICE / COOL	OTHER:	DATE	TIME											
Dc 41	WWI		Č	1	0	5 0	7	S	0 4	V		6/7	-	V	V	V	1			1	+-			
DC 71	VW I			-		+	-		+	-										1	1			
						1		1	1	1														
							-											_						
						1	-		1	1					4			-	-	-	-		_	 _
DI EASE NOVE: 1 inhabit on	d Damages, Cardinal's liability and offi				Ш			1		and has fi			by the client for											 1
analyses. All claims including	g those for negligence and any other indinal be liable for incidental or conse is out of or related to the performance	cause whateoever shall be d		0	od union	11/2	Swill .	ng and	manived	by Car	dinal w	thin 30 days after	completion of t	he applical	ble									
Relinquished By	g out of or related to the performance		artina	regar	Tell	4	r such	claim is	hesed	uppe, an	y of the	above stated res	Phone Re	00.	'U Ye		No	18449	Phone	-				
Relinquished By	h	Time: 6-176		-	ll E	Me	MA	1	4		24	Lee	Fax Resu REMARK	M:	□ Ye		No		Fax #					
- williquianed by			PAR		Ju E	· y .						1												
		Time:						- 6g					Please e	maily	esults	s to pr	n@et	echen	V.CON	n.				
Delivered By: Sampler - UPS		3.6c/_	#/	13	S	og/ Y Ye	Inta	nditio	YL.		ECKI (Initia	ED BY:												

FORM-006 Revision 1.0

Received by OCD: 9/1/2023 10:34:44 AM

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



June 26, 2023

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: CHICAGO 9-8 W0HE FEE COM 1

Enclosed are the results of analyses for samples received by the laboratory on 06/20/23 16:50.

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: 06/20/2023 Sampling Date: 06/20/2023

Reported: 06/26/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Project Number: 18297 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 35 @ 5 (H233208-01)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2023	ND	2.44	122	2.00	1.60	
Toluene*	<0.050	0.050	06/22/2023	ND	2.23	111	2.00	1.37	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.18	109	2.00	1.84	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.40	107	6.00	2.01	
Total BTEX	<0.300	0.300	06/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	177	88.3	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	186	93.0	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	111 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	133 9	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 06/20/2023 Sampling Date: 06/20/2023

Reported: 06/26/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 18297 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 36 @ 5 (H233208-02)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2023	ND	2.44	122	2.00	1.60	
Toluene*	<0.050	0.050	06/22/2023	ND	2.23	111	2.00	1.37	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.18	109	2.00	1.84	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.40	107	6.00	2.01	
Total BTEX	<0.300	0.300	06/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	177	88.3	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	186	93.0	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	110	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130	% 49.1-14	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



Analytical Results For:

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

Fax To:

Received: 06/20/2023 Sampling Date: 06/20/2023

Reported: 06/26/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 18297

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 37 @ 4 (H233208-03)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2023	ND	2.44	122	2.00	1.60	
Toluene*	<0.050	0.050	06/22/2023	ND	2.23	111	2.00	1.37	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.18	109	2.00	1.84	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.40	107	6.00	2.01	
Total BTEX	<0.300	0.300	06/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	177	88.3	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	186	93.0	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 06/20/2023 Sampling Date: 06/20/2023

Reported: 06/26/2023 Sampling Type: Soil
Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact

Project Number: 18297 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

Sample ID: FL 38 @ 4 (H233208-04)

BTEX 8021B

	9/	9	7111411720						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2023	ND	2.44	122	2.00	1.60	
Toluene*	<0.050	0.050	06/22/2023	ND	2.23	111	2.00	1.37	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.18	109	2.00	1.84	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.40	107	6.00	2.01	
Total BTEX	<0.300	0.300	06/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/21/2023	ND	416	104	400	3.77	
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	06/21/2023	ND	177	88.3	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	186	93.0	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	115	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	136	% 49.1-14	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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Received: 06/20/2023 Reported: 06/26/2023 Sampling Date: 06/20/2023 Sampling Type: Soil

Project Name:

CHICAGO 9-8 W0HE FEE COM 1

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

Project Number: 18297

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 39 @ 6 (H233208-05)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.44	122	2.00	1.60	
Toluene*	<0.050	0.050	06/23/2023	ND	2.23	111	2.00	1.37	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.18	109	2.00	1.84	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.40	107	6.00	2.01	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/21/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	177	88.3	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	186	93.0	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	112 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	131	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 06/20/2023 Sampling Date: 06/20/2023

Reported: 06/26/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 18297 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 40 @ 6 (H233208-06)

BTEX 8021B	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.44	122	2.00	1.60	
Toluene*	<0.050	0.050	06/23/2023	ND	2.23	111	2.00	1.37	
Ethylbenzene*	< 0.050	0.050	06/23/2023	ND	2.18	109	2.00	1.84	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.40	107	6.00	2.01	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/21/2023	ND	432	108	400	3.77	
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	06/21/2023	ND	177	88.3	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	186	93.0	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.0	% 49.1-14	8						

Cardinal Laboratories

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

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

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

Applyzod By: MC

Received: 06/20/2023 Reported: 06/26/2023 Sampling Date: 06/20/2023

Reported: 06/26/2023 Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Type: Soil

Project Number: 18297

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

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 41 @ 6 (H233208-07)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.44	122	2.00	1.60	
Toluene*	<0.050	0.050	06/23/2023	ND	2.23	111	2.00	1.37	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.18	109	2.00	1.84	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.40	107	6.00	2.01	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/21/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	177	88.3	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	186	93.0	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	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. Keine



Analytical Results For:

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

Fax To:

Received: 06/20/2023 Sampling Date: 06/20/2023

Reported: 06/26/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Project Number: 18297 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 42 @ 6 (H233208-08)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.44	122	2.00	1.60	
Toluene*	<0.050	0.050	06/23/2023	ND	2.23	111	2.00	1.37	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.18	109	2.00	1.84	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.40	107	6.00	2.01	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/21/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	177	88.3	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	186	93.0	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	125 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	148 9	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Analyzed By: MS

Received: 06/20/2023 Reported: 06/26/2023

Project Name: CHICAGO 9-8 W0HE FEE COM 1

mg/kg

Project Number: 18297

Project Location:

Sampling Date: 06/20/2023

Sampling Type: Soil

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

MEWBOURNE - EDDY CO NM

Sample ID: FL 43 @ 4 (H233208-09)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.096	0.050	06/23/2023	ND	2.44	122	2.00	1.60	
Toluene*	0.306	0.050	06/23/2023	ND	2.23	111	2.00	1.37	
Ethylbenzene*	0.117	0.050	06/23/2023	ND	2.18	109	2.00	1.84	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.40	107	6.00	2.01	
Total BTEX	0.623	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/21/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	177	88.3	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	186	93.0	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	128	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	149	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Received: 06/20/2023 Reported:

06/26/2023 Sampling Type: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition:

Project Name: Project Number: 18297

Project Location: MEWBOURNE - EDDY CO NM Sampling Date: 06/20/2023 Soil

Sample Received By:

Cool & Intact Tamara Oldaker

Sample ID: FL 44 @ 4 (H233208-10)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.44	122	2.00	1.60	
Toluene*	<0.050	0.050	06/23/2023	ND	2.23	111	2.00	1.37	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.18	109	2.00	1.84	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.40	107	6.00	2.01	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/21/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	177	88.3	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	186	93.0	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	130 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	154 9	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 06/20/2023 Sampling Date: 06/20/2023 Reported: 06/26/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Project Number: 18297 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 45 @ 4 (H233208-11)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.44	122	2.00	1.60	
Toluene*	<0.050	0.050	06/23/2023	ND	2.23	111	2.00	1.37	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.18	109	2.00	1.84	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.40	107	6.00	2.01	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/21/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	177	88.3	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	186	93.0	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	95.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Tamara Oldaker

Analytical Results For:

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

Fax To:

Received: 06/20/2023 Sampling Date: 06/20/2023

Reported: 06/26/2023 Sampling Type: Soil
Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact

Project Number: 18297 Sample Received By:

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 46 @ 4 (H233208-12)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.44	122	2.00	1.60	
Toluene*	<0.050	0.050	06/23/2023	ND	2.23	111	2.00	1.37	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.18	109	2.00	1.84	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.40	107	6.00	2.01	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/21/2023	ND	432	108	400	3.77	
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	06/21/2023	ND	177	88.3	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	186	93.0	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	18						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

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

Received: 06/20/2023 Reported: 06/26/2023 Sampling Date: 06/20/2023 Sampling Type: Soil

Project Name:

CHICAGO 9-8 W0HE FEE COM 1

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

Project Number: 18297

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 47 @ 4 (H233208-13)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.44	122	2.00	1.60	
Toluene*	<0.050	0.050	06/23/2023	ND	2.23	111	2.00	1.37	
Ethylbenzene*	< 0.050	0.050	06/23/2023	ND	2.18	109	2.00	1.84	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.40	107	6.00	2.01	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/21/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	177	88.3	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	186	93.0	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	18						

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



Analytical Results For:

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

Fax To:

Received: 06/20/2023 Sampling Date: 06/20/2023 Reported: Sampling Type: Soil 06/26/2023

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Project Number: 18297 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 48 @ 4 (H233208-14)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.44	122	2.00	1.60	
Toluene*	<0.050	0.050	06/23/2023	ND	2.23	111	2.00	1.37	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.18	109	2.00	1.84	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.40	107	6.00	2.01	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/21/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	177	88.3	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	186	93.0	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	110 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	131	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Received: 06/20/2023 Reported: 06/26/2023 Sampling Date: 06/20/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Project Number: 18297

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

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: WW 2 (H233208-15)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.44	122	2.00	1.60	
Toluene*	<0.050	0.050	06/23/2023	ND	2.23	111	2.00	1.37	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.18	109	2.00	1.84	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.40	107	6.00	2.01	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/21/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	177	88.3	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	186	93.0	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	94.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Applyzod By: MC

Received: 06/20/2023 Reported: 06/26/2023 Sampling Date: 06/20/2023
Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1

Sampling Condition: Cool & Intact

Project Number: 18297

Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

ma/ka

Sample ID: EW 1 (H233208-16)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.44	122	2.00	1.60	
Toluene*	<0.050	0.050	06/23/2023	ND	2.23	111	2.00	1.37	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.18	109	2.00	1.84	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.40	107	6.00	2.01	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/21/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2023	ND	177	88.3	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/21/2023	ND	186	93.0	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	06/21/2023	ND					
Surrogate: 1-Chlorooctane	94.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 49.1-14	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.

Celeg & Frence



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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

Celeg D. Freene

Released to Imaging: 1/25/2024 9:18:38 AM

RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476	(1)	
Company Name: Etech Environmental & Safety Solutions, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Lanc CreuSna V	P.O. #:	
Address: P.O. Box 301	Attn: Jeff Broom Address: 4801 Bus, Blvd	
City: Lovington State: NM Zip; 88260	Attn: Jaff Broom	
Phone #: (575) 396-2378 Fax #: (575) 396-1429	Address: 4801 Bus Blvd	
Project #: 18297 Project Owner: MEWBIVIN	City: Mohbs	
Project #: 18297 Project Owner: Mewbird M Project Name: Chicoso 48 Wohle Fee Com 1 H	State: NM Zip: 9884)	218 S6M)
Project Location: Rusal Malagh	Phone #:	Chloride H (8016
Project Location: Rugal Malagh Sampler Name: Dominic Casar et	Fax #:	Chloride TPH (8015M)
FOR LAB USE ONLY MATRI	X PRESERV. SAMPLING	F 50
(c)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL	ACIDIBASE: CE / COOL OTHER: THER:	
DC / BS Q 5 CT V	620	
2 FL 36 R 5		
3 FL 37 @ 4		
4 FL 38 04		
5 PL 39 @ 6		
6 FL 40 Q 6		
10001		
8 FC 412 6 6		
9 86 43 64		
10 1244 104		
PLEASE NOTE: Liability and Demages, Cardina's liability and client's exclusive remedy for any claim arising whether based in o makes All claims: Including these for regitgence and any other cause whetevers shall be deserted welvest unless made in wi	ing and received by Caldinal within 30 days other completion of th	e applicable
service. In no overt shall Curdinal be liable for incidental or consequental damages, induding without limitation, business interru affiliates or supplements artising out of or related to the performance of services hereunder by Cardinal, regardless of whether such	claim is based upon any of the above stated reasons or otherwis	
Relinquished By: Date: 620 Received By:	A A A A Fax Result	
Don Cat Time 50 Sallar	G NISON REMARKS	
Relinquished By: Date: Received By:	J.C.	
Time:	THE PARTY OF	
Delivered By: (Circle One) ##//3 Sample Co	Please er	mail results to pm@etechenv.com.
Cool let	(Initials)	
Sampler - UPS - Bus - Other: 6.42/5.82 No	No Yes	
	under change Places for wellion of	hannes to 575 303 3476

Revision 1.0

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	: Etech Environmental & Safety Solul	ions, Inc.	BILL TO	ANALYSIS REQUEST
Project Manage	r. Land Even Shaw	,	P.O. #:	
Address: P.O			Company: Men boust	
City: Lovingto	on State: NM	Zip: 88260	Attn: Jeff Porsom Address: 4801 Bib + Blid City: Hobbs State: NM Zip: 88240	
Phone #: (57:	5) 396-2378 Fax #: (575) 3	96-1429	Address: USOL BLE BILL	
Project #: 18	2.07 Project Owner	-Machbauch	con Habba	
Project Name:	Chicago No labet	Co-CAM 14	Com. 18 10 71 C.D 7 11 A	
Project Location	Chicago Va Wo He Rural & Malaga Domini & Casse	Leggos 11.	Phone #:	Chloride TPH (8015M)
Sampler Name:	Moral Winnings			9 × ×
FOR LABURE ONLY	Lamini Cassi	MATRIX	Fax #: PRESERV SAMPLING	40
Lab I.D. H23.3308 DC 11 12 13 14	Sample I.D. \$\partial \chi \chi \chi \chi \chi \chi \chi \chi	GONABOR (C)OMP. ———————————————————————————————————	ii z	
15	WWZ	CI		
	Jon 12- 6-20	0		
16	EWI	611		
			e e	
	nd Damages. Cardinal's liability and client's exclusive remedy for a ng these for regilgence and any other cause whatesever shall be	deemed waived unless made in writing as	d received by Cardinel within 30 days after completion of	the applicable
Relinquished B	reduced to finishe for incidental or consequential damages, including agout of or related to the performance of services hereunder by 0 Darke: 2-26 Tisosper		is based upon any of the above stated ressons or other	beuit: Yes No Add' Phone #:
	Time: (Circle One) - Bus - Other: 6.46/5	Received By: ### Sample Condition Sc	ion CHECKED BY:	email results to pm@etechenv.com.

Revision 1.0

Received by OCD: 9/1/2023 10:34:44 AM



June 26, 2023

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

RE: CHICAGO 9-8 W0HE FEE COM 1

Enclosed are the results of analyses for samples received by the laboratory on 06/21/23 16:45.

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

Analyzed By MC

Received: 06/21/2023 Reported: 06/26/2023

CHICAGO 9-8 W0HE FEE COM 1

ma/ka

Project Number: 18297

Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 06/21/2023

Sampling Type: Soil

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

Sample ID: NW 4 (H233228-01)

Project Name:

DTEV 0021D

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.21	110	2.00	1.96	
Toluene*	<0.050	0.050	06/23/2023	ND	2.12	106	2.00	5.18	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.06	103	2.00	2.06	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.34	106	6.00	2.02	
Total BTEX	<0.300	0.300	06/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	loride, SM4500Cl-B mg/kg		Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/22/2023	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	172	86.0	200	1.32	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	151	75.7	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					
Surrogate: 1-Chlorooctane	92.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.9	% 49.1-14	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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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

Received by OCD: 9/1/2023 10:34:44 AM

Revision 1.0

ARDINAL LABORATORIES 101 East Mariand, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476	1401 -	
Company Name: Etech Environmental & Safety Solutions, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Lanc Crenshaw	P.O. #:	
Address: P.O. Box 301	Company: Mew boarn	
City: Lovington State: NM Zip: 88260	Attn: Jeff Bosom	
Phone #: (575) 396-2378 Fax #: (575) 396-1429	Address: 480) 1305 p 186 d	
Project #: 18297 Project Owner: MEW DOURN	City: Hobby	
Project Name: Chicago 9/8 WOHE FEE COM 1 H Project Location: Bural Malaga	State: /// Zip:	2218 M
Project Location: Bural Malash	Phone #:	H (8015)
Sampler Name: DAMINII CaSarez	Fax #:	Chloede TPH (8015M) STEX (8021B)
FOR LAB USE ONLY MATRIX	PRESERV. SAMPLING	FE
Tap I.D. Samble I.D. (G)RAB OR (C)OMP (G)RAB OR (C)OMP (C)RAB OR (C)OMP	ACD/BASE:	
PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in control	ct or tort, shall be limited to the amount paid by the client for the	
analyses. All clams including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruption	nd received by Cardinal within 30 days after completion of the s	
Relinquished By: Date: 621 Received By:		#E ' Yes No Add'! Phone #:
Relinquished By: Delivered By: (Circle One) Sampler - UPS - Bus - Other: Delivered By: Received By: Received By: Received By: Received By: Received By: Received By: Received By: Received By: Received By: Received By: Received By: Time: Delivered By: Sample Cond Cool Intact Page 1988 1988 1988 1988 1988 1988 1988 198	tion CHECKED BY:	ail results to pm@etechenv.com.



August 28, 2023

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: CHICAGO 9-8 BATTEY SWD LINE

Enclosed are the results of analyses for samples received by the laboratory on 08/22/23 16:28.

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:

Analyzed By: JH/

Received: 08/22/2023

mg/kg

Sampling Date: 08/22/2023

Reported: 08/28/2023

Sampling Type: Soil

Project Name: CHICAGO 9-8 BATTEY SWD LINE
Project Number: NONE GIVEN

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

Project Location: EDDY CO NM

Sample ID: FL 35 @ 5 (H234576-01)

BTEX 8021B

BIEX GOEED	9/	119	Andryzo	u 5 y : 5:::,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.90	94.8	2.00	0.212	
Toluene*	<0.050	0.050	08/26/2023	ND	2.01	101	2.00	6.25	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	1.95	97.7	2.00	0.302	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	5.76	96.0	6.00	1.94	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg	mg/kg Analyz		ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	08/24/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	159	79.7	200	5.40	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	168	84.0	200	8.67	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					
Surrogate: 1-Chlorooctane	87.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.7	% 49.1-14	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



Analytical Results For:

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

Received: 08/22/2023 Sampling Date: 08/22/2023

Reported: 08/28/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 BATTEY SWD LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: EDDY CO NM

mg/kg

Sample ID: FL 36 @ 5 (H234576-02)

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	08/26/2023	ND	1.90	94.8	2.00	0.212	
Toluene*	<0.050	0.050	08/26/2023	ND	2.01	101	2.00	6.25	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	1.95	97.7	2.00	0.302	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	5.76	96.0	6.00	1.94	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500Cl-B mg/kg			Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/24/2023	ND	416	104	400	3.77	
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	08/24/2023	ND	159	79.7	200	5.40	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	168	84.0	200	8.67	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					
Surrogate: 1-Chlorooctane	94.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kreine



Analytical Results For:

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

Received: 08/22/2023 Sampling Date: 08/22/2023

Reported: 08/28/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 BATTEY SWD LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: EDDY CO NM

Sample ID: FL 37 @ 4 (H234576-03)

RTFY 8021R

B1EX 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	08/26/2023	ND	1.90	94.8	2.00	0.212	
Toluene*	<0.050	0.050	08/26/2023	ND	2.01	101	2.00	6.25	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	1.95	97.7	2.00	0.302	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	5.76	96.0	6.00	1.94	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	ide, SM4500Cl-B mg/kg		Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	08/24/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	159	79.7	200	5.40	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	168	84.0	200	8.67	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					
Surrogate: 1-Chlorooctane	88.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.4	% 49.1-14	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



Analytical Results For:

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

 Received:
 08/22/2023
 Sampling Date:
 08/22/2023

 Reported:
 08/28/2023
 Sampling Type:
 Soil

Project Name: CHICAGO 9-8 BATTEY SWD LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: EDDY CO NM

Sample ID: FL 38 @ 4 (H234576-04)

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	08/26/2023	ND	1.90	94.8	2.00	0.212	
Toluene*	<0.050	0.050	08/26/2023	ND	2.01	101	2.00	6.25	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	1.95	97.7	2.00	0.302	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	5.76	96.0	6.00	1.94	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500Cl-B	14500Cl-B mg/kg			d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	08/24/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	159	79.7	200	5.40	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	168	84.0	200	8.67	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					
Surrogate: 1-Chlorooctane	92.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.7	% 49.1-14	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



Analytical Results For:

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

Received: 08/22/2023 Sampling Date: 08/22/2023

Reported: 08/28/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 BATTEY SWD LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: EDDY CO NM

mg/kg

Sample ID: FL 39 @ 6 (H234576-05)

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	08/26/2023	ND	1.90	94.8	2.00	0.212	
Toluene*	<0.050	0.050	08/26/2023	ND	2.01	101	2.00	6.25	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	1.95	97.7	2.00	0.302	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	5.76	96.0	6.00	1.94	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B mg/kg			Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	08/24/2023	ND	416	104	400	3.77	
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	08/24/2023	ND	159	79.7	200	5.40	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	168	84.0	200	8.67	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					
Surrogate: 1-Chlorooctane	88.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

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

Received: 08/22/2023 Sampling Date: 08/22/2023

Reported: 08/28/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 BATTEY SWD LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: EDDY CO NM

mg/kg

Sample ID: FL 40 @ 6 (H234576-06)

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	08/26/2023	ND	1.90	94.8	2.00	0.212	
Toluene*	<0.050	0.050	08/26/2023	ND	2.01	101	2.00	6.25	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	1.95	97.7	2.00	0.302	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	5.76	96.0	6.00	1.94	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
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	08/24/2023	ND	416	104	400	3.77	
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	08/24/2023	ND	159	79.7	200	5.40	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	168	84.0	200	8.67	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					
Surrogate: 1-Chlorooctane	82.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.7	% 49.1-14	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



Analytical Results For:

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

Received: 08/22/2023 Sampling Date: 08/22/2023

Reported: 08/28/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 BATTEY SWD LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: EDDY CO NM

mg/kg

Sample ID: FL 41 @ 6 (H234576-07)

BTEX 8021B

	9,	9	7	1					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.90	94.8	2.00	0.212	
Toluene*	<0.050	0.050	08/26/2023	ND	2.01	101	2.00	6.25	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	1.95	97.7	2.00	0.302	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	5.76	96.0	6.00	1.94	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500Cl-B mg/kg			Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/24/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	159	79.7	200	5.40	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	168	84.0	200	8.67	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					
Surrogate: 1-Chlorooctane	88.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.2	% 49.1-14	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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

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

Received: 08/22/2023 Sampling Date: 08/22/2023

Reported: 08/28/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 BATTEY SWD LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: EDDY CO NM

mg/kg

Sample ID: FL 42 @ 6 (H234576-08)

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	08/26/2023	ND	1.90	94.8	2.00	0.212	
Toluene*	<0.050	0.050	08/26/2023	ND	2.01	101	2.00	6.25	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	1.95	97.7	2.00	0.302	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	5.76	96.0	6.00	1.94	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	/kg	Analyze	ed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/24/2023	ND	416	104	400	3.77	
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	08/24/2023	ND	159	79.7	200	5.40	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	168	84.0	200	8.67	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					
Surrogate: 1-Chlorooctane	84.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.5	% 49.1-14	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



Analytical Results For:

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

 Received:
 08/22/2023
 Sampling Date:
 08/22/2023

 Reported:
 08/28/2023
 Sampling Type:
 Soil

Project Name: CHICAGO 9-8 BATTEY SWD LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: EDDY CO NM

mg/kg

Sample ID: FL 43 @ 4 (H234576-09)

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	08/26/2023	ND	1.90	94.8	2.00	0.212	
Toluene*	<0.050	0.050	08/26/2023	ND	2.01	101	2.00	6.25	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	1.95	97.7	2.00	0.302	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	5.76	96.0	6.00	1.94	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500Cl-B mg/kg			Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/24/2023	ND	416	104	400	3.77	
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	08/24/2023	ND	159	79.7	200	5.40	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	168	84.0	200	8.67	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					
Surrogate: 1-Chlorooctane	82.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.2	% 49.1-14	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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

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

Received: 08/22/2023 Sampling Date: 08/22/2023

Reported: 08/28/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 BATTEY SWD LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: EDDY CO NM

mg/kg

Sample ID: FL 44 @ 4 (H234576-10)

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	08/26/2023	ND	1.90	94.8	2.00	0.212	
Toluene*	<0.050	0.050	08/26/2023	ND	2.01	101	2.00	6.25	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	1.95	97.7	2.00	0.302	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	5.76	96.0	6.00	1.94	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	08/24/2023	ND	416	104	400	3.77	
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	08/24/2023	ND	159	79.7	200	5.40	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	168	84.0	200	8.67	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					
Surrogate: 1-Chlorooctane	85.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.1	% 49.1-14	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



Analytical Results For:

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

Fax To:

Received: 08/22/2023 Sampling Date: 08/22/2023

Reported: 08/28/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 BATTEY SWD LINE Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Shalyn Rodriguez

Project Location: EDDY CO NM

Sample ID: FL 45 @ 4 (H234576-11)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.08	104	2.00	1.07	
Toluene*	<0.050	0.050	08/26/2023	ND	2.10	105	2.00	0.338	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.04	102	2.00	1.34	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.17	103	6.00	1.33	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	08/24/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	159	79.7	200	5.40	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	168	84.0	200	8.67	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					
Surrogate: 1-Chlorooctane	95.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

 Received:
 08/22/2023
 Sampling Date:
 08/22/2023

 Reported:
 08/28/2023
 Sampling Type:
 Soil

Project Name: CHICAGO 9-8 BATTEY SWD LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: MC

Project Location: EDDY CO NM

Sample ID: FL 46 @ 4 (H234576-12)

RTFY 8021R

Result <0.050 <0.050	Reporting Limit	Analyzed 08/26/2023	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050		08/26/2023						Quac.
	0.050		ND	2.08	104	2.00	1.07	
	0.050	08/26/2023	ND	2.10	105	2.00	0.338	
<0.050	0.050	08/26/2023	ND	2.04	102	2.00	1.34	
<0.150	0.150	08/26/2023	ND	6.17	103	6.00	1.33	
<0.300	0.300	08/26/2023	ND					
93.7	% 71.5-13	4						
mg,	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
240	16.0	08/24/2023	ND	416	104	400	3.77	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	08/24/2023	ND	159	79.7	200	5.40	
<10.0	10.0	08/24/2023	ND	168	84.0	200	8.67	
<10.0	10.0	08/24/2023	ND					
95.5	% 48.2-13	4						
108	% 49.1-14	8						
	<0.300 93.7 mg/ Result 240 mg/ Result <10.0 <10.0 95.5	<0.150 0.150 <0.300 0.300 93.7 % 71.5-13 mg/ky Result Reporting Limit 240 16.0 mg/ky Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0	<0.150	<0.150 08/26/2023 ND 93.7 % 71.5-134 The sesult of the second of the sec	<0.150	<0.150 0.150 08/26/2023 ND 6.17 103 <0.300 0.300 08/26/2023 ND 6.17 103 93.7 % 71.5-134 Meg/k Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0	<0.150 0.150 08/26/2023 ND 6.17 103 6.00 93.7 % 71.5-134 Megy Image Is a Colspan="6">Analyzed By: AC Result Result Is a Reporting Limit Is a Colspan="6">Analyzed By: MS % Recovery Mectod Blank Is	<0.150

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 & Keene



Analytical Results For:

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

Fax To:

Received: 08/22/2023 Sampling Date: 08/22/2023

Reported: 08/28/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 BATTEY SWD LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: EDDY CO NM

Sample ID: FL 47 @ 4 (H234576-13)

BTEX 8021B

BIEX 8021B	ilig/	ky	Allalyze	u by. Mo					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.08	104	2.00	1.07	
Toluene*	<0.050	0.050	08/26/2023	ND	2.10	105	2.00	0.338	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.04	102	2.00	1.34	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.17	103	6.00	1.33	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	159	79.7	200	5.40	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	168	84.0	200	8.67	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					
Surrogate: 1-Chlorooctane	83.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.8	% 49.1-14	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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

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

Analyzed By: MS

Sampling Date:

08/22/2023

Reported:

Received:

BTEX 8021B

08/22/2023 08/28/2023

Sampling Type:

Soil

Project Name:

CHICAGO 9-8 BATTEY SWD LINE

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

Project Number:

NONE GIVEN

mg/kg

Project Location: EDDY CO NM

Sample ID: FL 48 @ 4 (H234576-14)

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.08	104	2.00	1.07	
Toluene*	<0.050	0.050	08/26/2023	ND	2.10	105	2.00	0.338	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.04	102	2.00	1.34	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.17	103	6.00	1.33	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/25/2023	ND	416	104	400	3.77	
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	08/24/2023	ND	159	79.7	200	5.40	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	168	84.0	200	8.67	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					
Surrogate: 1-Chlorooctane	96.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	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. Keine



Analytical Results For:

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

Received: 08/22/2023 Sampling Date: 08/22/2023

Reported: 08/28/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 BATTEY SWD LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: EDDY CO NM

mg/kg

Sample ID: EW 1 (H234576-15)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.08	104	2.00	1.07	
Toluene*	<0.050	0.050	08/26/2023	ND	2.10	105	2.00	0.338	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.04	102	2.00	1.34	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.17	103	6.00	1.33	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	08/25/2023	ND	416	104	400	3.77	
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	08/24/2023	ND	152	76.2	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	162	81.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					
Surrogate: 1-Chlorooctane	72.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.6	% 49.1-14	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



Analytical Results For:

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

Fax To:

Received: 08/22/2023 Sampling Date: 08/22/2023

Reported: 08/28/2023 Sampling Type: Soil

Project Name: CHICAGO 9-8 BATTEY SWD LINE Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Shalyn Rodriguez

Project Location: EDDY CO NM

Sample ID: WW 2 (H234576-16)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.08	104	2.00	1.07	
Toluene*	<0.050	0.050	08/26/2023	ND	2.10	105	2.00	0.338	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.04	102	2.00	1.34	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.17	103	6.00	1.33	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	08/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	152	76.2	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	162	81.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					
Surrogate: 1-Chlorooctane	69.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.7	% 49.1-14	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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Sc	olutions, Inc.	BILL TO			A	NALYSIS R	EQUEST	
Project Manager:	Lanc Crenshau		P.O. #:						
Address: 2617	West Marland		Company Etah						
ity: Hobbs	State: NM	Zip: 88240	Attn: Lanc Crens	hay				1 1 1	
Phone #: (575)	264-9884 Fax #:		Address:	2,0					
Project #:	Project Own	ner:	City: 13665					1 1 1	
Project Name:	Chicago 9-8 Batter	ry SWD line	State: NM Zip:		SM.	(9)			
Project Location:	Arval Malace	Nm	Phone #:	Pr.	301	80			
Sampler Name:	Arval Malage Do Minic Casure	Z	Fax #:	Chloride	TPH (8015M)	BTEX (8021B)		1 1 1	
FOR LAB USE ONLY		MATE	PRESERV. SAMP			E B		1	
Lab I.D.	Sample I.D.	(G)RABOR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	TIME					
	FL 3505	CIV	1 8 ZZ		V	7			
	FL 36 8 5								
3 1	FL03704				A				
4 1	L 38 @ 4			1	+	\Box			+
S 1	FL 3906				++-	+++		+-+-	-
9 1	14066			 	++-	+++		1	-
910	7 42 06				++-	+++		+++	+
	24304	111111111			11				
10 6	14404	000	0 0	9	V	0			
ualyses. All claims including the rvice. In no event shall Card Mates or successors arising o	hal be lighte for incidental or consequental durages, inch out of or related to the performance of services hereunder	I be deemed waived unless made in a ading without limitation, business inter by Cardinal, regardless of whether so	ding and received by Cardinal within 30 days a spitons, less of use, or less of profits incurred b	or completion of the applic client, its subsidiaritie, easons or otherwise.		- 111			
Relinquished By:	Date: 8 - 22 Times U 2 Date:	Received By:	leignely	Phone Result: Fax Result: REMARKS:	☐ Ye		dd'I Phone #: dd'I Fax #:		
Delivered By: (U. T.C	Sample C Cool Ir	tact (Initials)	Please email	І сору о	f COC and re	esults to pm@	etechenv.com.	

Page 20 of 20

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

		utions	,			38			LL TO						ANA	LYSI	3 K	EWUE	-31		
Project Manager	: Jane Crenshar						P.O. #														
Address: 2617	7 West Marland					C	omp	any 🎉	Etec	'n		*									
City: Hobbs	State: NM	Zip	: 88	240		A	ttn:	La	nc Cre	MAN											
Phone #: (575	i) 264-9884 Fax #:					A	ddre	ss:										1	1 1	- 1	
Project #:	Project Own					C	ity:					_	-								
Project Name:	Chicago 9-8 Buttery 5 Burn Malaga Tominic Casarez	WI) [int		S	tate:		Zip:		9	TPH (8015M)	BTEX (8021B)								
Project Location	: Rival Malager	N	1	m/		P	hone	#:			Chloride	801	8								
Sampler Name:	Tominic Casartz					F	ax#	_			<u>ਨ</u>	H	Ä				1	1			
Lab I.D.	Sample I.D.	G)RAB OR (C)OMP.	* CONTAINERS	INDWATER	NATRIX 100	1	ACID/BASE:	ICE / COOL SANGE	DATE	TIME	1		.B								
DC 11	FL45@4	C	*	0 5	(/	S	14	7	8.22	1111112	V	V	V	1				+		1	_
	FL46@4	Ti	i		1		1	1	1		1	1	ī	1				1			1
	FL47 84	11	Ħ									1									
14	FL 48 24								18												
	EWI		Ц,										1				_	-			_
16	WW2	1	A		~		1	V	8		V	-	V		-		-	-		-	-
		+	-		-	4	+			-	-	*	-	+	-	-	+	-	-	-	-
		+	-		+	+	+					-	-	+	-	-	-	+-	+	-	-
		+	H		+	+	+						-	+	+-	+	1	+		-	-
	d Damages. Cardinal's liability and client's exclusive remedy to													_	1		_				
ervice. In no event shall Ca	g those for negligence and any other cause whatsoever shall it urdinal be tiable for incidental or consequental damages, includes the state of a subtled to the conference of a subtle to the second of the second o	ing willhou	ut limit	ation, business	s interrupti	ons, loss	of use,	or loss of pr	offic incurred by	chest, its subsidier	rios,										
Relinquished By	Desired to the performance of services herounder by Desire: 8-22 Time: 1628	Re		ved By:	112	(C)	71	el	A _	Phone Re Fax Resu REMARK	sult: !	□ Ye		No No		Phone Fax #:					
Relinquished By	Date:	Re	cei	ved By:		0			1												
	Time:	\dashv							V	Diseases	moil -		400	C 050	roord	to to -	·m@	ata ah -	mu 00-		
Delivered By:	(Circle One) -4-9:		_	Samo	ole Con	ditior	n	CHECK	ED RY	Please e	eman C	opy (JI CO	C and	resul	is to b	яп@(eleche	HIV.CON	1.	

FORM-006 Revision 1.0

Appendix E Regulatory Correspondence

From: <u>Lance Crenshaw</u>
To: <u>Enviro, OCD, EMNRD</u>

Cc:Ben Arguijo; Joel Lowry; Connor WalkerSubject:Confirmation Sampling NotificationDate:Tuesday, June 20, 2023 11:42:57 AM

This email serves as notice that Etech intends to collect excavation confirmation soil samples on June 23, 2023 from the following locations/reportable release sites:

Mewbourne Oil Co - Chicago- nAPP2317129194

If you have any questions or need any additional information, please contact Lance Crenshaw by phone (575-631-2532) or email lance@etechenv.com

Lance Crenshaw
Etech Environmental & Safety Solutions
575-631-2532

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 261344

CONDITIONS

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	261344
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2317129194 CHICAGO 9/8 BATTERY SWD LINE, thank you. This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation including pictures of the contoured backfilled excavation surface and a thorough discussion on reseeding mixture, vegetation ratio, timelines, etc, will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	1/25/2024