Page 1 of 272 nAPP2200753107 Incident ID 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 ite	ems must be included in the closure report.
✓ A scaled site and sampling diagram as described in 19.15.29.11	NMAC
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)	
✓ Laboratory analyses of final sampling (Note: appropriate ODC	District office must be notified 2 days prior to final sampling)
✓ Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of a	ediate contamination that pose a threat to groundwater, surface water, C-141 report does not relieve the operator of responsibility for ions. The responsible party acknowledges they must substantially ditions that existed prior to the release or their final land use in
Printed Name: Connor Walker	Title: Sr. Engineer
Signature:	Date: 09/02/2022
email: cwalker@mewbourne.com	Telephone: (806)202-5281
OCD Only	
Received by: Jocelyn Harimon	Date: 02/07/2023
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	
Closure Approved by: Robert Hamlet	Date: 6/9/2023
Printed Name: Robert Hamlet	Title: Environmental Specialist - Advanced

	Page 2 of 2	72
Incident ID	nAPP2125960064	
District RP		
Facility ID		
Application ID		

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)	
Did this release impact groundwater or surface water?	☐ Yes 🗹 No	
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes 🗸 No	
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes 🗹 No	
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes 🗸 No	
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes 🗸 No	
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes 🗹 No	
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes 🗸 No	
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes 🗹 No	
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes 🗹 No	
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes 🗸 No	
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes 🗹 No	
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes 🗹 No	
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.		
Characterization Report Checklist: Each of the following items must be included in the report.		
 ✓ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. ✓ Field data ✓ Data table of soil contaminant concentration data ✓ Depth to water determination ✓ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release 		
Boring or excavation logs		

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.

Topographic/Aerial maps

Photographs including date and GIS information

✓ Laboratory data including chain of custody

Received by OCD: 2/7/2023 7:32:21 AM State of New Mexico
Page 4 Oil Conservation Division

	Page 3 of 27.
Incident ID	nAPP2125960064
District RP	
Facility ID	
Application ID	

Form C-141 Page 6

State of New Mexico Oil Conservation Division

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

Incident ID	nAPP2125960064
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.

✓ A scaled site and sampling diagram as described in 19.15.29.1	NMAC
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)	
✓ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)	
✓ Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of a should their operations have failed to adequately investigate and remuman health or the environment. In addition, OCD acceptance of a compliance with any other federal, state, or local laws and/or regulat restore, reclaim, and re-vegetate the impacted surface area to the cor accordance with 19.15.29.13 NMAC including notification to the OC Printed Name: Connor Walker Signature: Connor Walker	ediate contamination that pose a threat to groundwater, surface water, C-141 report does not relieve the operator of responsibility for ions. The responsible party acknowledges they must substantially ditions that existed prior to the release or their final land use in CD when reclamation and re-vegetation are complete. Title: Sr. Engineer
OCD Only	
Received by:	Date:
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	
Closure Approved by:	Date:
Released to Imaging: 6/9/2023 9:01:08 AM Liuteq Name:	Title:

	I uge 5 of 2
Incident ID	nAPP2200753107
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)	
Did this release impact groundwater or surface water?	☐ Yes ☑ No	
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes 🗸 No	
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ✓ No	
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☑ No	
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No	
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☑ No	
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☑ No	
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☑ No	
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☑ No	
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☑ No	
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☑ No	
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☑ No	
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.		
Characterization Report Checklist: Each of the following items must be included in the report.		
 ✓ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. ✓ Field data ✓ Data table of soil contaminant concentration data ✓ Depth to water determination ✓ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release ✓ Boring or excavation logs ✓ Photographs including date and GIS information 		

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.

Topographic/Aerial maps

✓ Laboratory data including chain of custody

Received by OCD: 2/7/2023 7:32:21 AM State of New Mexico
Page 4 Oil Conservation Division

	Page 6 of 27.	<i>'2</i>
Incident ID	nAPP2200753107	
District RP		
Facility ID		
Application ID		

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release not public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a threaddition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	ifications and perform corrective actions for releases which may endanger DCD does not relieve the operator of liability should their operations have eat to groundwater, surface water, human health or the environment. In
Printed Name: Connor Walker	Title: Sr. Engineer
Signature:_ Cano Walk	Date: 09/02/2022
email: cwalker@mewbourne.com	Telephone: (806)202-5281
	· ———
OCD Only	
Received by: Jocelyn Harimon	Date: 02/07/2023

Form C-141 Page 6

State of New Mexico Oil Conservation Division

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

Incident ID	nAPP2200753107
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.

✓ A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)	
✓ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)	
✓ Description of remediation activities	
and regulations all operators are required to report and/or file certai may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rer human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification with 19.1	ations. The responsible party acknowledges they must substantially inditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.
Printed Name: Connor Walker	_ Title: Sr. Engineer
Printed Name: Connor Walker Signature:	Date: 09/02/2022
email: cwalker@mewbourne.com	Telephone: (806)202-5281
OCD Only	
Received by: Jocelyn Harimon	Date: 02/07/2023
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	
Closure Approved by:	Date:
Released to Imaging: 6/9/2023 9:01:08 AM Liuted Name:	Title:

Remediation Summary & Soil Closure Request

Mewbourne Oil Company Chicago 9/8 W0HE Fee Com #1H Battery

Eddy County, New Mexico
Unit Letter "H", Section 9, Township 24 South, Range 28 East
Latitude 32.233647 North, Longitude 104.0862090 West
New Mexico Oil Conservation Division (NMOCD) Reference #'s:
nAPP2125960064 & nAPP2200753107

Prepared By:

Etech Environmental & Safety Solutions, Inc.

2507 79th Street, Unit A Lubbock, Texas 79423

Zen J. Arguijo

Lance Crenshaw



Midland • San Antonio • Lubbock • Hobbs • Lafayette

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Figure 2 - Site Characterization Map

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Appendix B - Field Data & Soil Profile Logs

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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 (Mewbourne), has prepared this *Remediation Summary & Soil Closure Request* for the release site known as the Chicago 9/8 W0HE Fee Com #1H Battery. A produced water release on December 24, 2021 (NMOCD Incident #nAPP2200753107), affected areas that had been previously impacted by a produced water release that occurred on September 7, 2021 (NMOCD Incident #nAPP2125960064), which was undergoing delineation and remediation at the time. The releases were limited to the tank battery containment area and production pad and did not impact the adjacent pasture.

The information provided in the "Release Notification" (Form C-141) for each release is summarized below. The areas affected by the commingled releases (henceforth referred to collectively as "Chicago 9/8 Battery") were delineated and remediated concurrently.

			Release #1		
		Locatio	n of Release So	urce	
Latitude:	32.2	33647	Longitude:		-104.086209
		Provided	GPS are in WGS84 form	nat.	
Site Name: Chicago	9/8 W0H	E Fee Com #1H Batte	ry Site Type:	Pı	roduction Battery
Date Release Discov	ered:	9/7/2021	API # (if appli	cable):	30-015-44260
Unit Letter S	Section	Township	Range	County	
"H"	9	24S	28E	Eddy	
Surface Owner:	State	Federal Tribal	X Private (Na	me	Dick Calderon)
		Nature a	nd Volume of R	elease	
Crude Oil	Volum	ne Released (bbls)		Volume Reco	overed (bbls)
X Produced Water	r Volum	ne Released (bbls)	80	Volume Reco	overed (bbls) 60
		oncentration of total c		X Yes	No N/A
Condensate	Volum	ne Released (bbls)		Volume Reco	overed (bbls)
Natural Gas	Volun	ne Released (Mcf)		Volume Reco	overed (Mcf)
Other (describe) Volum	e/Weight Released		Volume/Weig	ght Recovered
Cause of Release: A heater treater in the	he tank ba	ttery developed a hole	at the bottom.	1	
		In	itial Response		
X The source of the	e release h	as been stopped.			
X The impacted ar	ea has been	n secured to protect hun	nan health and the	environment.	
X Release material	ls have bee	n contained via the use	of berms or dikes,	absorbent pad, or	other containment devices
X All free liquids a	and recover	rable materials have bee	en removed and ma	naged appropriate	ely.

	Locatio	Release #2 on of Release Sour	rce								
Latitude:	32.233647	Longitude:	-104.086209								
Site Name: Chicago 9. Date Release Discovere	/8 W0HE Fee Com #1H Batte ed: 12/24/2021	ery Site Type: API # (if applica	Production Battery ble): 30-015-44260								
"H"	Township 9 24S	Range 28E	County Eddy								
Surface Owner: Sta	Surface Owner: State Federal Tribal X Private (Name Dick Calderon)										
	Nature a	nd Volume of Rel	ease								
Crude Oil	Volume Released (bbls)		Volume Recovered (bbls)								
X Produced Water	Volume Released (bbls)	1,135	Volume Recovered (bbls) 875								
	Is the concentration of total (TDS) in the produced water		X Yes No N/A								
Condensate	Volume Released (bbls)		Volume Recovered (bbls)								
Natural Gas	Volume Released (Mcf)		Volume Recovered (Mcf)								
Other (describe)	Volume/Weight Released		Volume/Weight Recovered								
Cause of Release: A welded connection	on a poly line separated.										
	Iı	nitial Response									
	elease has been stopped. has been secured to protect hur	nan health and the en	vironment.								
	•		sorbent pad, or other containment devices								
X All free liquids and	l recoverable materials have be	en removed and mana	ged appropriately.								

Previously submitted portions of the Form C-141 for each release 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 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.

Site Assessment/Characterization

What is the shallowest depth to groundwater beneath the area affected by the release?	25'
Did the release impact groundwater or surface water?	Yes X No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes X No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark?	Yes X No
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	Yes X No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Yes X No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes X No
Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes X No
Are the lateral extents of the release within 300 feet of a wetland?	Yes X No
Are the lateral extents of the release overlying a subsurface mine?	Yes X No
Are the lateral extents of the release overlying an unstable area such as karst geology?	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 releases, inferred depth to groundwater, and NMOCD Siting Criteria, the NMOCD Closure Criteria and NMOCD Reclamation Standards for the Chicago 9/8 Battery release site are as follows:

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standard*‡
	Chloride (Cl-)	EPA 300.0 or SM4500 Cl B	600	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	100	100
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 REGULATORY APPROVALS & STIPULATIONS

On December 10, 2021, an extension request was submitted to the NMOCD in regard to the September 7, 2021, release asking for additional time to conduct a proper site assessment, fully delineate the release, and devise an appropriate remediation strategy to advance the site to an NMOCD-approved closure. The extension request was subsequently approved by the NMOCD, with no added stipulations.

On April 6, 2022, an extension request was submitted to the NMOCD asking for additional time to fully delineate and/or excavate the commingled releases and allow time for upcoming fracking activities in the region to be completed. The extension request was subsequently denied by the NMOCD, with no added stipulations, aside from inclusion of the communique with the remediation and/or closure report.

Copies of all regulatory correspondence are provided in Appendix E.

5.0 SITE ASSESSMENT

On January 24, 2022, Etech conducted a site visit to assess the Chicago 9/8 Battery release site. During the site assessment, four (4) hand-augered soil bores (SP1 through SP4) were advanced within the inferred margins of the affected area in an effort to determine the vertical extent of impacted soil. In addition, eight (8) hand-augered soil bores (NH 1, NH 2, EH 1, EH 2, SH 1, SH 2, WH 1, and WH 2) were advanced at the inferred edges of the affected area in an effort to determine the horizontal extent of impacted soil. During the advancement of the hand-augered soil bores, soil samples were collected and field-screened for the presence of Volatile Organic Compounds (VOCs) utilizing olfactory/visual senses and/or concentrations of chloride utilizing a Hach Quantab® chloride test kit.

Based on field observations and field test data, a total of 24 delineation soil samples (NH 1 @ Surface, NH 1 @ 1', NH 2 @ Surface, NH 2 @ 1', EH 1 @ Surface, EH 1 @ 1', EH 2 @ Surface, EH 2 @ 1', SH 1 @ Surface, SH 1 @ 1', SH 2 @ Surface, SH 2 @ 1', WH 1 @ Surface, WH 1 @ 1', WH 2 @ Surface, WH 2 @ 1', SP1 @ Surface, SP1 @ 1', SP2 @ Surface, SP2 @ 1', SP3 @ Surface, SP3 @ 2', SP4 @ Surface, and SP4 @ 3') were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and TPH concentrations were below both the applicable NMOCD Closure Criteria and laboratory method detection limit (MDL) in each of the submitted soil samples, with the exceptions of soil samples SH 2 @ Surface, SP1 @ Surface, and SP3 @ Surface, which exhibited TPH concentrations ranging from 11.3 mg/kg (SH 2 @ Surface) to 102 mg/kg (SP1 @ Surface). Chloride concentrations ranged from 16.0 mg/kg in soil samples WH 2 @ Surface and WH 2 @ 1' to 11,800 mg/kg in soil samples SP1 @ Surface and SP2 @ Surface. Based on laboratory analytical results, the horizontal and vertical extent of impacted soil was adequately defined, and the depth of impacted soil ranged from approximately one (1) foot below ground surface (bgs) in the areas characterized by sample points SP1 and SP2 to three (3) feet bgs in the area characterized by sample point SP4.

The locations of the hand-augered soil bores are depicted in Figure 3, "Site & Sample Location Map".

6.0 REMEDIATION ACTIVITIES SUMMARY

On April 20, 2022, remediation activities commenced at the release site following the cessation of fracking activities in the immediate area and the complete deconstruction and removal of the Chicago 9/8 tank battery and associated containment areas, pumps, pipes, appurtenances, electrical facilities, and other miscellaneous equipment. 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-approved surface waste facility for disposal. The floor and sidewalls of the excavation were advanced until field observations and test results 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 50 linear feet from the excavation sidewalls and every 200 square feet from the floor of the excavated area to be submitted for laboratory analysis.

On April 26, 2022, Etech collected 14 confirmation soil samples (EW1, SW1, WW1, FL 1 @ 11' through FL 9 @ 11', FL 11 @ 12, and FL 12 @ 12) from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and TPH were below the applicable NMOCD Closure Criteria, NMOCD Reclamation Standards, and laboratory MDL in each of the submitted soil samples. Chloride concentrations ranged from 144 mg/kg in soil sample FL 4 @ 9' to 672 mg/kg in soil sample FL 6 @ 9', which exceeded the NMOCD Closure Criterion. Based on these laboratory analytical results, the excavation was further advanced in the area characterized by soil sample FL 6 @ 9'.

On April 28, 2022, Etech collected four (4) confirmation soil samples (EW2, FS 10 @ 11', FS 16 @ 12', and FS 18 @ 11') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and TPH were below the applicable NMOCD Closure Criteria, NMOCD Reclamation Standards, and laboratory MDL in each of the submitted soil samples. Chloride concentrations ranged from 336 mg/kg in soil sample FS 10 @ 11' to 784 mg/kg in soil sample EW2, which exceeded the NMOCD Closure Criterion. Based on laboratory analytical results, the excavation was further advanced in the area characterized by soil sample EW2.

On April 29, 2022, Etech collected 13 confirmation soil samples (WW2, FS 6 @ 10', FS 17 @ 11', and FS 19 @ 8' through FS 28 @ 7') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and/or chloride. Laboratory analytical results indicated BTEX and TPH were below the applicable NMOCD Closure Criteria, NMOCD Reclamation Standards, and laboratory MDL in each of the submitted soil samples. Chloride concentrations ranged from 80.0 mg/kg in soil sample FS 27 @ 7' to 880 mg/kg in soil sample WW2, which exceeded the NMOCD Closure Criterion. Based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil sample WW2 and soil sample FS 17 @ 11', which also exceeded the NMOCD Closure Criterion for chloride.

On May 3, 2022, Etech collected 10 confirmation soil samples (EW3, WW3, and FS 29 @ 7' through FS 36 @ 7') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and TPH were below the applicable NMOCD Closure Criteria, NMOCD Reclamation Standards, and laboratory MDL in each of the submitted soil samples. Chloride concentrations ranged from 96.0 mg/kg in soil sample WW3 to 688 mg/kg in soil sample FS 35 @ 7', which exceeded the NMOCD Closure Criterion. Based on laboratory analytical results, the excavation was further advanced in the area characterized by soil sample FS 35 @ 7'.

On May 4, 2022, Etech collected five (5) confirmation soil samples (FS 37 @ 7' through FS 41 @ 7') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 112 mg/kg in soil sample FS 37 @ 7' to 400 mg/kg in soil sample FS 39 @ 7'.

On May 5, 2022, Etech collected two (2) confirmation soil samples (EW4 and WW4) from the sidewalls 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 were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations were 128 mg/kg in soil sample EW4 and 160 mg/kg in soil sample WW4.

On May 9, 2022, Etech collected 10 confirmation soil samples (FS 42 @ 7' through FS 51 @ 7') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 112 mg/kg in soil sample FS 48 @ 7' to 464 mg/kg in soil sample FS 42 @ 7'.

On May 11, 2022, Etech collected three (3) confirmation soil samples (EW2A, WW2A, and FS 17 @ 19') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of chloride. Laboratory analytical results indicated chloride concentrations ranged from 320 mg/kg in soil sample WW2A to 448 mg/kg in soil sample FS 17 @ 19'.

On May 13, 2022, Etech collected 20 confirmation soil samples (EW5, WW5, FS 35 @ 8', and FS 54 @ 9' through FS 70 @ 6') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and/or chloride. Laboratory analytical results indicated BTEX, TPH, and chloride were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 112 mg/kg in soil sample FS 70 @ 6' to 496 mg/kg in soil sample FS 54 @ 9'.

On May 16, 2022, Etech collected 10 confirmation soil samples (FS 52 @ 19.5', FS 53 @ 19.5', FS 71 @ 4' through FS 77 @ 7', and FS 81 @ 4') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 96.0 mg/kg in soil sample FS 81 @ 4' to 448 mg/kg in soil sample FS 77 @ 7'.

On May 17, 2022, Etech collected 10 confirmation soil samples (EW6, WW6, FS 78 @ 5' through FS 80 @ 4', FS 82 @ 4' through FS 84 @ 8', FS 86 @ 3', and FS 87 @ 3') 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 were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 80.0 mg/kg in soil sample FS 82 @ 4' to 560 mg/kg in soil sample FS 79 @ 4'.

On May 18, 2022, Etech collected 10 confirmation soil samples (FS 88 @ 4.5' through FS 96 @ 3' and FS 98 @ 4.5') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 64.0 mg/kg in soil sample FS 90 @ 5' to 400 mg/kg in soil samples FS 88 @ 4.5' and FS 92 @ 6'.

On May 19, 2022, Etech collected 10 confirmation soil samples (EW7, WW7, FS 97 @ 8.5', and FS 99 @ 3.5' through FS 105 @ 2.5') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL, with the exception of soil sample EW7, which exhibited a TPH concentration of 20.3 mg/kg. Chloride concentrations ranged from 80.0 mg/kg in soil samples FS 100 @ 4' and FS 104 @ 2.5' to 528 mg/kg in soil sample FS 101 @ 2.5'.

On May 23, 2022, Etech collected seven (7) confirmation soil samples (EW8 and FS 106 @ 2' through FS 111 @ 5') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL, with the exception of soil sample FS 106 @ 2', which exhibited a TPH concentration of 15.7 mg/kg. Chloride concentrations ranged from 144 mg/kg in soil sample FS 106 @ 2' to 400 mg/kg in soil samples FS 108 @ 5.5' and FS 109 @ 5.5'.

On May 24, 2022, Etech collected three (3) confirmation soil samples (FS 112 @ 6', FS 113 @ 5', and FS 114 @ 4.5') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 64.0 mg/kg in soil sample FS 112 @ 6' to 448 mg/kg in soil sample FS 114 @ 4.5'.

On May 25, 2022, Etech collected seven (7) confirmation soil samples (NW1, WW8, and FS 115 @ 4.5' through FS 119 @ 5') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 96.0 mg/kg in soil samples NW1, FS 117 @ 5', FS 118 @ 5', and FS 119 @ 5' to 400 mg/kg in soil sample FS 116 @ 4'.

The final dimensions of the excavated area were approximately 420 feet in length, 52 to 90 feet in width, and two (2) to 19.5 feet in depth. During the course of remediation activities, Etech transported approximately 10,042 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 8,550 cubic yards of locally sourced, non-impacted material to the site for use as backfill.

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

7.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

The releases were limited to the tank battery containment area and production pad 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 facilitate rebuilding of the tank battery. Final reclamation and revegetation will be conducted upon decommissioning and abandonment of the new facility.

8.0 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 provide copies of this *Remediation Summary & Soil Closure Request* to the appropriate agencies and request closure be granted to the Chicago 9/8 Battery release site.

9.0 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.

10.0 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

Released to Imaging: 6/9/2023 9:01:08 AM

Figure 2 Site Characterization Map

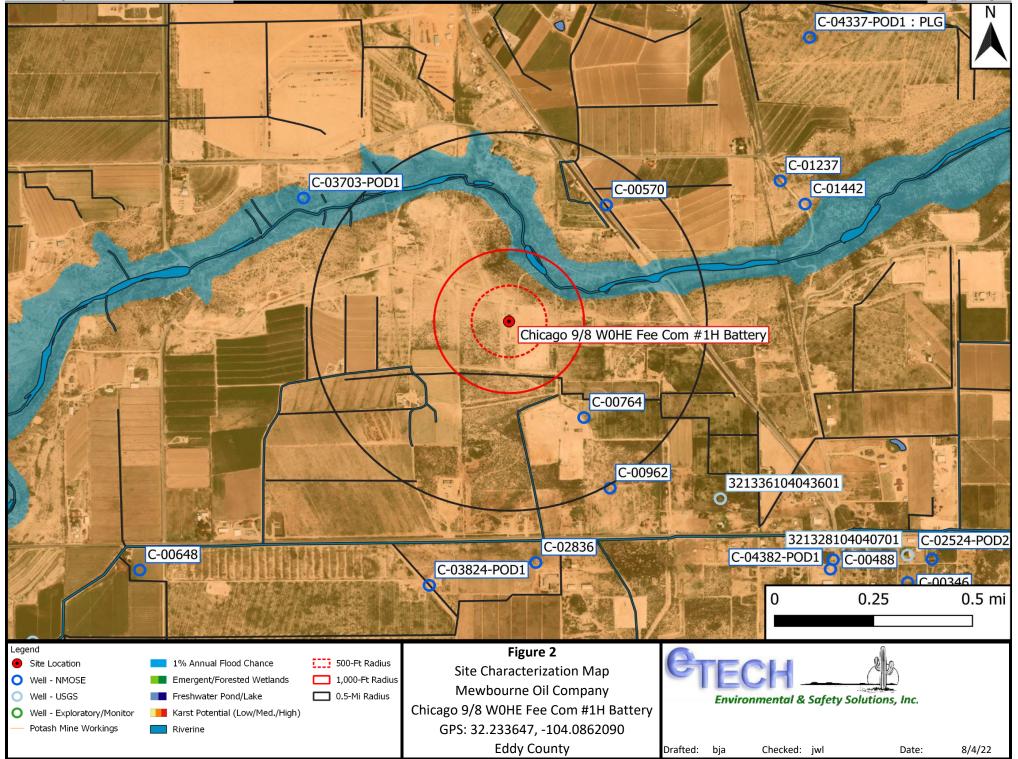


Figure 3 Site & Sample Location Map

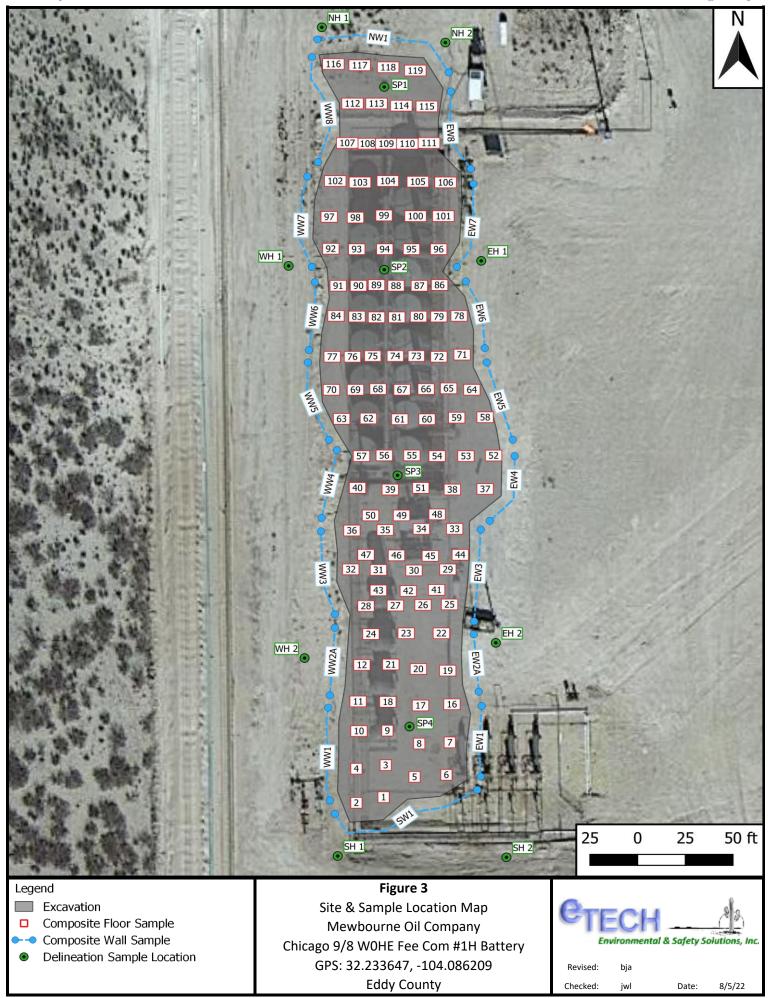


Table 1 Concentrations of BTEX, TPH & Chloride in Soil

Table 1 Concentrations of BTEX, TPH & Chloride in Soil **Mewbourne Oil Company** Chicago 9/8 W0HE Fee Com #1H Battery

		NMO	CD Refe	rence #'s:	nAPP212	5960064	& nAPP22	00753107			
NMOCI	D Closure Crit	teria		10	50	N/A	N/A	N/A	N/A	100	600
NMOCD R	Reclamation St	andard		10	50	N/A	N/A N/A N/A N/A				600
				SW 840	6 8021B		SW	846 8015M	Ext.		4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
				1	Delineation S	amples					
NH 1 @ Surface	1/24/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NH 1 @ 1'	1/24/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NH 2 @ Surface	1/24/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
NH 2 @ 1'	1/24/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
EH 1 @ Surface	1/24/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
EH 1 @ 1'	1/24/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
EH 2 @ Surface	1/24/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
EH 2 @ 1'	1/24/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
SH 1 @ Surface	1/24/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SH 1 @ 1'	1/24/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SH 2 @ Surface	1/24/2022	0	In-Situ	< 0.050	< 0.300	<10.0	11.3	11.3	<10.0	11.3	240
SH 2 @ 1'	1/24/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WH 1 @ Surface	1/24/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
WH 1 @ 1'	1/24/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
WH 2 @ Surface	1/24/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WH 2 @ 1'	1/24/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SP1 @ Surface	1/24/2022	0	Excavated	< 0.050	< 0.300	<10.0	102	102	<10.0	102	11,800
SP1 @ 1'	1/24/2022	1	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
SP2 @ Surface	1/24/2022	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	11,800
SP2 @ 1'	1/24/2022	1	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
SP3 @ Surface	1/24/2022	0	Excavated	< 0.050	< 0.300	<10.0	19.3	19.3	<10.0	19.3	560
SP3 @ 2'	1/24/2022	2	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SP4 @ Surface	1/24/2022	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,440
SP4 @ 3'	1/24/2022	3	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
]	Excavation S	amples					
NW1	5/25/2022	1-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
EW1	4/26/2022	1-11	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
EW2	4/28/2022	1-11	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	784
EW2A	5/11/2022	1-11	In-Situ	-	-	-	-	-	-	-	352
EW3	5/3/2022	1-6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
EW4	5/5/2022	1-18.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
EW5	5/13/2022	1-6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
EW6	5/17/2022	1-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
EW7	5/19/2022	1-2	In-Situ	< 0.050	< 0.300	<10.0	20.3	20.3	<10.0	20.3	144
EW8	5/23/2022	1-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
SW1	4/26/2022	1-10	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
WW1	4/26/2022	1-11	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
WW2	4/29/2022	1-11	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	880
WW2A	5/11/2022	1-11	In-Situ	-	_	-	_	_	_	_	320
WW3	5/3/2022	1-6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
WW4	5/5/2022	1-6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
WW5	5/13/2022	1-9	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160

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

Bold: NMOCD Closure Criteria exceedance.

Table 1

Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company

Chicago 9/8 W0HE Fee Com #1H Battery

NMOCD Reference #'s: nAPP2125960064 & nAPP2200753107

$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	NMOCD Reference #'s: nAPP2125960064 & nAPP2200753107												
Name					10	50	N/A	N/A	N/A	N/A	100	600	
No. No.	NMOCD	Reclamation St	andard		10	50	N/A	N/A N/A N/A			N/A 100		
No. No.					SW 840	6 8021B	SW					4500 Cl	
WW6	Sample ID	Date					C ₆ -C ₁₀	C ₁₀ -C ₂₈	DRO C ₆ -C ₂₈	C ₂₈ -C ₃₆	C ₆ -C ₃₆		
WW8	WW6	5/17/2022	1-7	In-Situ	< 0.050	< 0.300	<10.0	<10.0		<10.0	<30.0	416	
FL	WW7	5/19/2022	1-7.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	WW8	5/25/2022	1-5.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128	
FL 3 @ 11'	FL 1 @ 11'	4/26/2022	11	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	544	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	FL 2 @ 11'	4/26/2022	11	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	FL 3 @ 11'	4/26/2022	11	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	FL 4 @ 9'	4/26/2022	9	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	FL 5 @ 9'	4/26/2022	9	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	FL 6 @ 9'	4/26/2022	9	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	672	
FL 8 @ 11'	FS 6 @ 10'	4/29/2022	10	In-Situ	-	-	-	-	-	-	-	272	
FL 8 @ 11'	FL 7 @ 11'				< 0.050	< 0.300		<10.0	<20.0	<10.0	<30.0		
FL 9 @ 11'	FL 8 @ 11'	4/26/2022	11	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336	
FS 10 @ 11'			11		< 0.050	1	<10.0	<10.0	<20.0	<10.0	<30.0	400	
FL 11 @ 12	FS 10 @ 11'	4/28/2022				< 0.300				<10.0			
FL 12 @ 12	FL 11 @ 12	4/26/2022	12		< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304	
FS 16 @ 12'	FL 12 @ 12	4/26/2022	12		< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320	
FS 17 @ 11'			12				<10.0	<10.0	<20.0	<10.0		448	
FS 17 @ 19													
FS 18 @ 11'		5/11/2022		In-Situ	-	-		-	-	-	-		
FS 19 @ 8'	$\overline{}$	4/28/2022		In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0		
FS 20 @ 7'					< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0			
FS 21 @ 7'		_											
FS 22 @ 8'		-	7										
FS 23 @ 7'	FS 22 @ 8'									<10.0			
FS 24 @ 7'	FS 23 @ 7'		7		< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160	
FS 25 @ 7'			7										
FS 26 @ 7'		_	7		< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0		224	
FS 27 @ 7'			7	In-Situ		< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288	
FS 29 @ 7'	FS 27 @ 7'	4/29/2022		In-Situ	< 0.050	< 0.300	<10.0	<10.0		<10.0			
FS 29 @ 7'	FS 28 @ 7'	4/29/2022	7	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160	
FS 30 @ 7'			7			< 0.300						224	
FS 31 @ 7'			7										
FS 32 @ 7'													
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	FS 32 @ 7'												
FS 34 @ 7'	FS 33 @ 7'												
FS 35 @ 7' 5/3/2022 7 Excavated <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 688 FS 35 @ 8' 5/13/2022 8 In-Situ - - - - - - - 464 FS 36 @ 7' 5/3/2022 7 In-Situ <0.050													
FS 35 @ 8' 5/13/2022 8 In-Situ 464 FS 36 @ 7' 5/3/2022 7 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 560 FS 37 @ 7' 5/4/2022 7 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 112 FS 38 @ 7' 5/4/2022 7 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 112 FS 39 @ 7' 5/4/2022 7 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 304 FS 39 @ 7' 5/4/2022 7 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 304													
FS 36 @ 7'													
FS 37 @ 7'		_											
FS 38 @ 7'													
FS 39 @ 7' 5/4/2022 7 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 400													
· ·													
	FS 40 @ 7'	5/4/2022	7	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288	

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

Bold: NMOCD Closure Criteria exceedance.

Table 1

Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company

Chicago 9/8 W0HE Fee Com #1H Battery

NMOCD Reference #'s: nAPP2125960064 & nAPP2200753107

NMOCD Reference #'s: nAPP2125960064 & nAPP2200753107											
NMOC	D Closure Crit	teria		10	50	N/A	N/A	N/A	N/A	100	600
NMOCD F	Reclamation St	andard		10	50	N/A	N/A	N/A	N/A	100	600
				SW 840	6 8021B		SW 846 8		846 8015M Ext.		
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)
FS 41 @ 7'	5/4/2022	7	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FS 42 @ 7'	5/9/2022	7	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
FS 43 @ 7'	5/9/2022	7	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FS 44 @ 7'	5/9/2022	7	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FS 45 @ 7'	5/9/2022	7	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FS 46 @ 7'	5/9/2022	7	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
FS 47 @ 7'	5/9/2022	7	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
FS 48 @ 7'	5/9/2022	7	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FS 49 @ 7'	5/9/2022	7	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FS 50 @ 7'	5/9/2022	7	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FS 51 @ 7'	5/9/2022	7	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FS 52 @ 19.5'	5/16/2022	19.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FS 53 @ 19.5'	5/16/2022	19.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
FS 54 @ 9'	5/13/2022	9	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496
FS 55 @ 9'	5/13/2022	9	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
FS 56 @ 6.5'	5/13/2022	6.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FS 57 @ 6.5'	5/13/2022	6.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
FS 58 @ 7'	5/13/2022	7	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
FS 59 @ 7'	5/13/2022	7	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
FS 60 @ 7.5'	5/13/2022	7.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
FS 61 @ 10'	5/13/2022	10	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FS 62 @ 10'	5/13/2022	10	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FS 63 @ 10'	5/13/2022	10	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FS 64 @ 4'	5/13/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FS 65 @ 4'	5/13/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
FS 66 @ 11'	5/13/2022	11	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FS 67 @ 4'	5/13/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
FS 68 @ 5'	5/13/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FS 69 @ 6'	5/13/2022	6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FS 70 @ 6'	5/13/2022	6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FS 71 @ 4'	5/16/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FS 72 @ 5'	5/16/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FS 73 @ 4'	5/16/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FS 74 @ 4'	5/16/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FS 75 @ 5'	5/16/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FS 76 @ 4'	5/16/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FS 77 @ 7'	5/16/2022	7	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
FS 78 @ 5'	5/17/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FS 79 @ 4'	5/17/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	560
FS 80 @ 4'	5/17/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FS 81 @ 4'	5/16/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FS 82 @ 4'	5/17/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FS 83 @ 6.5'	5/17/2022	6.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448

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

Bold: NMOCD Closure Criteria exceedance.

Table 1

Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company

Chicago 9/8 W0HE Fee Com #1H Battery NMOCD Reference #'s: nAPP2125960064 & nAPP2200753107

NMOC	D Closure Crit	teria		10	50	N/A	N/A	N/A	N/A	100	600
NMOCD I	Reclamation St	andard		10	50	N/A	N/A	N/A	N/A	100	600
				SW 840	6 8021B		SW	846 8015M	Ext.		4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FS 84 @ 8'	5/17/2022	8	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
FS 86 @ 3'	5/17/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FS 87 @ 3'	5/17/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FS 88 @ 4.5'	5/18/2022	4.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FS 89 @ 4.5'	5/18/2022	4.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
FS 90 @ 5'	5/18/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FS 91 @ 5'	5/18/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FS 92 @ 6'	5/18/2022	6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FS 93 @ 3'	5/18/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FS 94 @ 3'	5/18/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FS 95 @ 3'	5/18/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FS 96 @ 3'	5/18/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FS 97 @ 8.5'	5/19/2022	8.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FS 98 @ 4.5'	5/18/2022	4.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FS 99 @ 3.5'	5/19/2022	3.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FS 100 @ 4'	5/19/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FS 101 @ 2.5'	5/19/2022	2.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	528
FS 102 @ 5.5'	5/19/2022	5.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FS 103 @ 4.5'	5/19/2022	4.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
FS 104 @ 2.5'	5/19/2022	2.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FS 105 @ 2.5'	5/19/2022	2.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FS 106 @ 2'	5/23/2022	2	In-Situ	< 0.050	< 0.300	<10.0	15.7	15.7	<10.0	15.7	144
FS 107 @ 6.5'	5/23/2022	6.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FS 108 @ 5.5'	5/23/2022	5.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FS 109 @ 5.5'	5/23/2022	5.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FS 110 @ 5'	5/23/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FS 111 @ 5'	5/23/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FS 112 @ 6'	5/24/2022	6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FS 113 @ 5'	5/24/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FS 114 @ 4.5'	5/24/2022	4.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
FS 115 @ 4.5'	5/25/2022	4.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FS 116 @ 4'	5/25/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FS 117 @ 5'	5/25/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FS 118 @ 5'	5/25/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FS 119 @ 5'	5/25/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0

Appendix A Depth to Groundwater Information

Inferred Depth to Groundwater Trend Map
Mewbourne Oil Company
Chicago 9/8 W0HE Fee Com #1H Battery
GPS: 32.233647, -104.086209
Eddy County

Environmental & Safety Solutions, Inc.

Drafted: bja

Checked: jwl

Date: 7/19/22



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

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is

closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

,	·	` •		• • •	•	•	·
	POD						
	Sub-	QQQ				Depth	Depth Water
POD Number	Code basin Cou	nty 64 16 4	Sec Tws Rng	X	Y Distanc	e Well	Water Column
C 00764	CUB E	3 1 3	10 24S 28E	586399 356	6292* 🌕 50	9 118	25 93
C 00570	CUB E	0 11	10 24S 28E	586490 356	63 63 63	3 100	28 72

Average Depth to Water: 26 feet

Minimum Depth: 25 feet

Maximum Depth: 28 feet

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 586094.43 **Northing (Y):** 3566700.38 **Radius:** 804.67

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number Q64 Q16 Q4 Sec Tws Rng

X

Y

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:

C1. . 11

Log File Date:

10/16/1958

PCW Rcv Date:

04/15/1958

Source:

Shallow

Pump Type:

TURBIN

Pipe Discharge Size:

Estimated Yield:

400 GPM

Casing Size:

16.00

Depth Well:

118 feet

Depth Water:

25 feet

Water Bearing Stratifications:

Top Bottom Description

24 Other/Unknown

85

115 Sandstone/Gravel/Conglomerate

Casing Perforations:

Top Bottom

233085115

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1/31/22 10:47 AM

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

 \mathbf{X}

X Y

C 00570

1 1 10 24S 28E

6490 3567195*

Driller License: 161 Driller Company: B & F DRILLING COMPANY

Driller Name: W.D. BRININSTOOL

Drill Start Date: 08/12/1954

Drill Finish Date:

08/14/1954 **Plug Date:**

Jaic.

Log File Date:

09/10/1954

PCW Rcv Date:

Source:

Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well:

100 feet

Depth Water:

28 feet

Water Bearing Stratifications:

Top Bottom Description

30

32 Sandstone/Gravel/Conglomerate

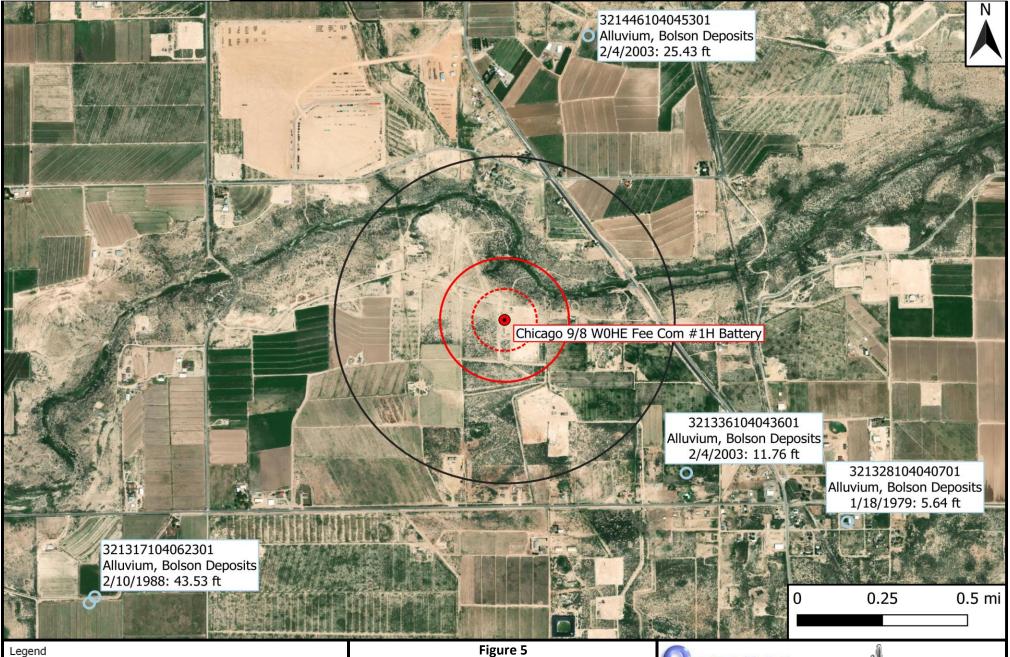
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POINT OF DIVERSION SUMMARY

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Site Location

Well - USGS

500-Ft Radius

1,000-Ft Radius
0.5-Mi Radius

USGS Well Proximity Map Mewbourne Oil Company Chicago 9/8 W0HE Fee Com #1H Battery GPS: 32.233647, -104.086209 Eddy County





Environmental & Safety Solutions, Inc.

Drafted: bja

Checked: jwl

Date:

7/19/22



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Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usqs

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

- Calpacionia de
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 \$\frac{1}{2}\$ agency	? Source of measurement	? Water- level approval status
1974-01-25		D	72019	7.00			1	Z			Α
1983-01-31		D	72019	7.10			1	Z			Α
1988-02-11		D	72019	6.89			1	Z			Α
1992-10-20		D	72019	6.48			1	S			Α
1998-01-07		D	72019	7.62			1	S			Α
2003-02-04		D	72019	11.76			1	S	USGS	S	Α

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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	А	Approved for publication Processing and review completed.

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Search Results -- 1 sites found

Agency code = usgs site no list =

• 321328104040701

Minimum number of levels = 1

Tab-separated data

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 aguifers (N99990THER) national aguifer.

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

Output formats

<u>Graph of data</u>	·	·	·	·	<u> </u>	·	·		<u> </u>		
Reselect period											
Date \$	Time \$? Water- level date-time accuracy	? Parameter ≎	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			
1974-01-25		D	72019	9.30			1	Z			
1975-01-29		D	72019	5.35			1	Z			1
1976-01-14		D	72019	9.02			1	Z			,
1977-01-14		D	72019	10.07			1	Z			
1978-01-25		D	72019	9.84			1	Z			
1979-01-18		D	72019	5.64			1	Z			

Explanation

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

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Groundwater levels for the Nation

able of data Tah-senarated data

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usas site no list =

• 321446104045301

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321446104045301 24S.28E.04.422422

Eddy County, New Mexico Latitude 32°14'46", Longitude 104°04'53" NAD27 Land-surface elevation 3,021 feet above NAVD88

The depth of the well is 250 feet below land surface.

This well is completed in the Other aguifers (N9999OTHER) national aguifer.

D

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

72019

25.43

Output formats

<u>iab-separateu uata</u>										
<u>Graph of data</u>										
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 \$\frac{\frac{1}{2}}{agency}	? Source of measurement	? Water- level approval status
1983-01-31	D	72019	23.56			1	Z			Α
1988-02-12	D	72019	21.57			1	Z			А
1992-11-20	D	72019	18.05			1	S			А
1998-01-23	D	72019	20.77			1	S			А

2003-02-04

Received by OCD: 2/7/2023 7:32:21 AM

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	А	Approved for publication Processing and review completed.

Questions about sites/data?
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U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for USA: Water Levels

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

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

Page Last Modified: 2022-08-04 17:36:16 EDT

0.31 0.26 nadww01

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Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs

site_no list =

• 321317104062301

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321317104062301 24S.28E.17.231111

Eddy County, New Mexico

Latitude 32°13'17", Longitude 104°06'23" NAD27

Land-surface elevation 3,054 feet above NAVD88

The depth of the well is 265 feet below land surface.

This well is completed in the Other aguifers (N9999OTHER) national aguifer.

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 ≎	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
1946-10-22		D	72019	25.90			1	Z			Δ
1947-02-08		D		25.10			1	Z			A
1947-10-22		D	72019	23.51			1	Z			А
1948-01-13		D	72019	23.18			1	Z			А
1948-02-09		D	72019	24.87			1	Z			Α
1949-01-29		D	72019	24.54			1	Z			А
1950-01-19		D	72019	26.59			1	Z			Α
1951-01-17		D	72019	22.70			1	Z			А

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
1952-01-16		D	72019	22.71			1	Z			А
1953-01-24		D	72019	23.38			1	Z			А
1954-01-18		D	72019	27.05			1	Z			А
1955-01-19		D	72019	25.68			1	Z			Α
1956-01-11		D	72019	25.55			1	Z			А
1959-01-14		D	72019	27.42			1	Z			А
1988-02-10		D	72019	43.53			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.

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

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

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2022-08-04 17:35:16 EDT

0.31 0.26 nadww01

USA.gov

Appendix B Field Data & Soil Profile Logs



Date.						

Project: Chicago 9-8 Wolf Fee Con 1

15066 Latitude: 32.233468 Longitude: -104.08525 Project Number:

Sample ID	PID/Odor	Chloride Conc.	GPS
F11(2)	NoNe	440	
F12@11	None	280	
F3@11	None	280	
74 @ 9	NONE	200	
45 (2) 9	NONE	352	
F6 @ 9	WOWE	448	
5WI	Nene	200	
F9@ 11	NONDA	488	
WIP	None	446	
a 11 1	NONA	352	
11 6 17	None		
112012	NONE	488	
7011	/ VOIVA	488	
19611	NOME	536	
EW2	-	1384.1164.900.576	
FS 10011'	_	432	
FS16e11: FS16e12"		704.316 24. 18. 19.	``.
FS 17e11. FS 17e12. FS17e	13' -	592.648.680.1144.680.488	
FS 18e11'	_	488	
W W 2			
WAS STATES	-	THE	
FSale7	_	476	
FS 27 07 FS 27 07'	-	312	
FS2650 FS 2007	-	348	
FSATET' FSATET	-	276	
F\$ 28e7'	-	312	
FS1907: FS1908	_	628-476	
FS2207: FS2208'	-	740.524	
533e7		348	
FS24e7'	-	3(2	
FS 25e 7	_	476	
F5 29e7	_	348	
F\$ 30e7'	-	524	
F33107	-	476	
F\$ 3207'		524	
EW30	_	212	

Sample Point = SP #1 @ ## etc

Floor = FL#1 etc WW 3

Sidewall = SW #1 etc

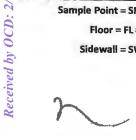
3096-184 Test Trench = TT #1@##

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





Dat:	

Project:	Chicago 9-8	MOHE	Fee Coal H
rioject.	Chicago 1-0	Molle	Tee Con I

Latitude: 32.333468 Longitude: -104.08575 Project Number: 15066

Sample ID	PID/Odor	Chloride Conc.	GPS
		(4.3 <u>.</u> 3	
		H 00	
F\$35e8	-	174 · 524	
NWBH		>2+32-800-524-WW4+524	
F3370	_	21x	
= S 38°7	_	524	
F S 39e	_	432	
= 540 e 6 - F540 e 7'		1,224-524	
W4		249	
FW 2A	-	432	
NWAA	_	524	
FS 17e 19'		PS7 432	
FS41e7		524	
F S 4 2 e 7'		476	
=543e7		476	
S 44e7		348	
FS45e7		1212	
=S 46 ° 7'		432	
54707	-	524	
FS 4807		244	
54927	_	312	
13 50e7'		476	
S51e7' .		312	
=552 e9:0112e 132014:015		1068-756-900-900-900-16-1124	e17 1292.18 1292 e1923
S 5309 : 01130 1300 15015		1018-800-1044.1124-832e1 104	e17'900-18'1124e/91/2'5
554261209	~	006.476	
55506/2007/209	-	680=680×476	
5 5 60 6 1/2"	_	576	
5 5766/2		507 352	
EW4+		1860.800-972-1292-1124-1204-120	-
558e7	<u></u>	17-88	
= 5 59 e 7°	<u> </u>	1440	
FS 60 e 7 1/2		488	
FS 81@7/2'-9'010'		900-768-396	
F5 62@61/5.71/2 e9:010		1,204.900.1124.704.011-316	
Sample Point = SP #1 @ ## etc	11/ /	1204e71/2 Test Trench = TT #1 @## 1/24 eq'\s Refusal = SP #1 @ 4'-R & 14 29 2 11	Resamples = SP #1 @ 5b or SW #1b
Floor = FL #1 etc FS 638		Refusal = SP #1 @ 4'-R & 14 29 2)	Stockpile = Stockpile #1
Sidewall = SW #1 etc WW 5+	~ 2584	Soil Intended to be Deferred = SP #1 @ 4' In-Situ	GPS Sample Points, Center of Comp Ar
Sidewall = SW #1 etc WW 5+	2		
	~~		



Date:

Project:

Chicago 9-8 W0HE Fee Com 1

Project Number:

15066

Latitude:

32.233468

Longitude:

-104.08525

Sample ID	PID/Odor	Chloride Conc.	GPS
FLI @ 6'	Y65	8.4 > 2572	3. 3
FLI C.7		7.2 2044	
FU @ 7.5'	-	7.0 1980	
C110 8.51	_	6.8 1768	
Elie 91		66 1649	
ELI e 9' FLI e 10'		2,8 344	•
WWI & B		7,7 7044	
5 W1 C12	_	9,0 72872	
WNIL CIP		16.4 1532	
INWIC @ 101		La. 2 1478	
WW 1 d @ parto		5.9 924	
WWIE @ 10'			
WWIE @ 10'		5.2 996	Alt tist of WWID
		11.6- 768	
FL 2 ma 11 for		9.8 533	
		20 352/FS7006'	352
FS69e4=6'	_	768.536	
WW5	-	2584->2584.316	
F56804250		768.536	
FS 6764'		536	
FS6664'85'8687'	—	768.592.648.900	
F52524"		1488	
FS64e4		352	
EWSHE	-	536	
WW 5+6	_	900	
FS7704'66		832-488	
F576=4"		488	
FS75e4'e5'	_	592.396	
FS74e4	-	488	
F573e4	-	244	
PS7204°	-	592.588?	
FS7104'	-	400	
EW569	_	356	
-58405 MB08'	-	1544:536	
FS 83°5'0 61/2'	_	756-536	
WW6?	-	488	
Sample Point = SP #1 @ ## etc	i UI	Test Trench = TT #1 @ ##	Resamples= SP #1 @ 5b or SW #1b Stockpile = Stockpile #1 GPS Sample Points, Center of Comp Areas
Floor = FL #1 etc FS & 2 e		Retusal = SP #1 @ 4'-R	Stockpile = Stockpile #1
Sidewall = SW #1 etc FS 8 e 1	f 5.	36 Soil Intended to be Deferred = SP #1 @ 4' In-Situ	GPS Sample Points, Center of Comp Areas
m tee Jan 62,53 01	N12		
Floor = FL #1 etc FS & 2 e C Sidewall = SW #1 etc FS & e L Marker Janes For 5 2 257 e \			



Date:	

Project: Chicago 9-8 WOHE Seelon |
Project Number: 15066 Latitude: 32.23348 Longitude: -104.08525

Sample ID	PID/Odor	Chloride Conc.	GPS
FS 8004	-	400	
FS 79 e 4	-	536	
FWG		880.536	
FS7864'e5'		676.356	
F591 . 5		356	
FS90e5		356	
WW6	_	488	
FS 89e41/2		356	
FS 88041/2	_	444	
IFS 8703'		400	
FS 8603	_	400	
EW 6		536	
FS920366		2360-536	
FS93e3'		488	
FS94e 3'		444	
FS9503'	_	444	
F596e3'		356	
WW7		2188-1020-696	
FS97e5e6/208/2		2616-1176-356	
FS9804/2		244	
FS 99031/2		280	
FS 100031/2		400	
FS 10102/2'		536	
I E W I	-	1544.1896.400	
		488	
FS102651/2		212	
FS 10 3 e 2 e 4/2		176-536	
FS104021/2		180	
FS 1050 21/2'		316	
EW 1+	 	1348-1096-400	
13/06°d/2		1400	
EW7+ FS106c21/3 FS 10704'051/3'061/3' PARTIEN 8? FS 10803'051/3' FS 10903'051/2' FS 110021/2'	-	948.880 880.244 948.396	
BE SIDDEN EW 8:		280.744	
F5 108 = 3 = 5 1/2		740,376	
15 1040305/2		816.488	
L2 1100 9/5		696-400	

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

Released to Imaging: 6/9/2023 9:01:08 AM







				Date:	
Project: Ch	icago 98 NOHE Fee Gml				
Project Number	15066	Latitude:	32,233468	Longitude: <u>-104.08</u> 525	

Sample ID	PID/Odor	Chloride Conc.	GPS
FS111e21/2.05 FS112e4'e5'e6' FS113e3'e5' FS114e21/2.041/2' FS115e21/2'e41/2'	F1D/Oddi	948-396	ur 3
F5112e4'05e2	 	1772.816-400	
FS 11 3 e 3 e 5		880-444	
FS 114e21/2 041/2	 	816.488	1
FS 11562 2'642	 	880-536	
I N I N I	+_	400	
FS11604	 	536	
FS116e4 FS117e4'e5' FS118e31/2'=5'	 _	5 2 2 2 4 4 4	
FS 11 803% = 5	-	588.444 816.444	
NWI+	 	400	
FS 119e5		444	
WW8		400	
70 70	+		
	1		
	1		
	1		
			<u> </u>
			
Sample Point = SP #1 @ ## etc	· .	Test Trench = TT #1 @ ##	Resamples= SP #1 @ 5b or SW #1b
Floor = FL #1 etc		Refusal = SP #1 @ 4'-R	Resamples= SP #1 @ 5b or SW #1b Stockpile = Stockpile #1 GPS Sample Points, Center of Com ⁷
Sidewall = SW #1 etc		Soil Intended to be Deferred = SP #1 @ 4' In-Situ	GPS Sample Points, Center of Com ^r



Soil Profile

, , , , , , , , , , , , , , , , , , ,				Date:	
	WOHE Fee Com 1				
Project Number:	15066	Latitude:	32.233468	Longitude:	-104.08525
Depth (ft. bgs)	Celich	0_	Des	scription	
2	economic management		KLICHEN DER LEISTE BETTE B KLICHEN BETTE		
5					
7	0				
9	Rocky M-x				
11 12	Caliel	e			
13 14		den german fant e vogstjeringe om de 10 met hûnt en men en en den geter te men en e De en			
15 <u>\$</u> 16 <u>\$</u>					
17 18					
19 -					
21	Amend construction to the control of				
23					
25 26					
2728					
30	***************************************				
31 32 33					
34 35					
36 37	T with all the state of the sta				
38 39					
40					

Received by OCD: 2/7/2023 7:32:21 AM

Released to Imaging: 6/9/2023 9:01:08 AM

Appendix C Photographic Log

Photo Number:

1

Photo Direction:

North

Photo Description:

View of the affected area (9/7/2021 Release)

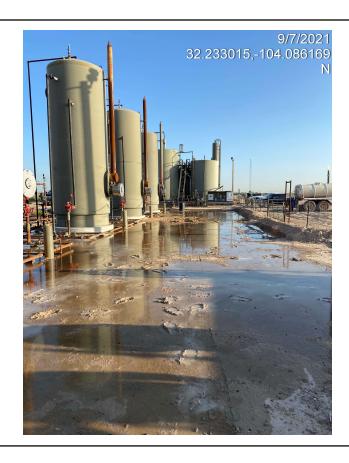


Photo Number:

2

Photo Direction:

South

Photo Description:

View of the affected area (9/7/2021 Release)

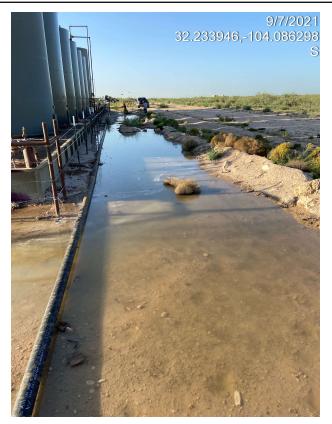


Photo Number:

3

Photo Direction: North-Northeast

Photo Description:

View of the affected area (12/24/2021 Release)

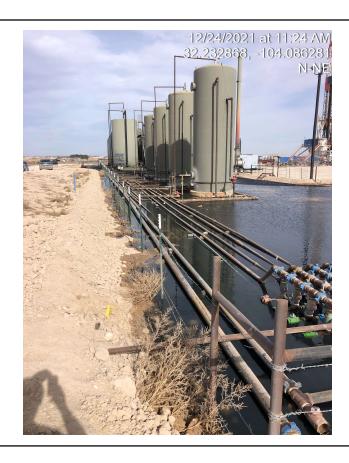


Photo Number:

4

Photo Direction:

Northeast

Photo Description:

View of the affected area (12/24/2021 Release)



Photo Number:

5

Photo Direction:

East-Northeast

Photo Description:

View of the affected area (12/24/2021 Release)

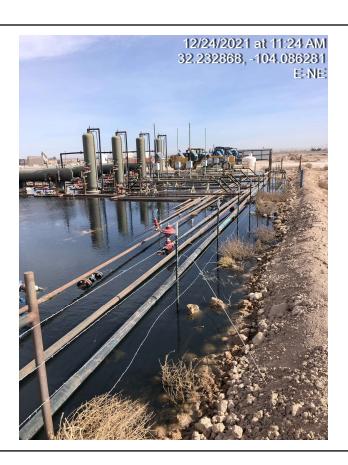


Photo Number:

6

Photo Direction:

North

Photo Description:

View of the affected area (12/24/2021 Release)



Photo Number:

7

Photo Direction:

Northeast

Photo Description:

View of the affected area (12/24/2021 Release)



Photo Number:

8

Photo Direction:

Southeast

Photo Description:

View of the affected area (12/24/2021 Release)



Photo Number:

9

Photo Direction:

South

Photo Description:



View of the excavated area

Photo Number:

10

Photo Direction:

North

Photo Description:



Photo Number:

11

Photo Direction:

Southwest

Photo Description:



View of the excavated area

Photo Number:

12

Photo Direction:

East-Southeast

Photo Description:



Photo Number:

13

Photo Direction:

Northeast

Photo Description:

View of the excavated area



Photo Number:

14

Photo Direction:

Southwest

Photo Description:



Photo Number:

15

Photo Direction:

Northwest

Photo Description:



View of the excavated area

Photo Number:

16

Photo Direction:

South-Southwest

Photo Description:



Photo Number:

17

Photo Direction:

Northeast

Photo Description:

View of the remediated area after backfill and regrading



Photo Number:

18

Photo Direction:

Southeast

Photo Description:

View of the remediated area after backfill and regrading



Photo Number:

19

Photo Direction: North-Northeast

Photo Description:

View of the remediated area after backfill and regrading



Photo Number:

20

Photo Direction:

Southeast

Photo Description:

View of the remediated area after backfill and regrading



Appendix D Laboratory Analytical Reports



January 28, 2022

JOEL LOWRY
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: CHICAGO 9-8 W0HE FED COM 1

Enclosed are the results of analyses for samples received by the laboratory on 01/24/22 15:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/24/2022 Sampling Date: 01/24/2022

Reported: 01/28/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FED COM 1 Sampling Condition: ** (See Notes)
Project Number: 15066 Sample Received By: Tamara Oldaker

A I J D. ... 711

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: NH 1 @ SURFACE (H220266-01)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2022	ND	2.14	107	2.00	1.49	
Toluene*	<0.050	0.050	01/27/2022	ND	2.26	113	2.00	0.507	QR-03
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	2.08	104	2.00	1.81	QR-03
Total Xylenes*	<0.150	0.150	01/27/2022	ND	6.47	108	6.00	1.95	QR-03
Total BTEX	<0.300	0.300	01/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/26/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	204	102	200	1.48	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	187	93.4	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					
Surrogate: 1-Chlorooctane	87.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	84.4	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/24/2022 Sampling Date: 01/24/2022

Reported: 01/28/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FED COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: NH 1 @ 1' (H220266-02)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2022	ND	2.14	107	2.00	1.49	
Toluene*	<0.050	0.050	01/27/2022	ND	2.26	113	2.00	0.507	
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	6.47	108	6.00	1.95	
Total BTEX	<0.300	0.300	01/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/26/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	204	102	200	1.48	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	187	93.4	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					
Surrogate: 1-Chlorooctane	78.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	75.4	% 59.5-14	2						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/24/2022 Sampling Date: 01/24/2022

Reported: 01/28/2022 Sampling Type: Soil CHICAGO 9-8 W0HE FED COM 1

Project Name: Sampling Condition: ** (See Notes) Sample Received By: Project Number: 15066 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: NH 2 @ SURFACE (H220266-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2022	ND	2.14	107	2.00	1.49	
Toluene*	<0.050	0.050	01/27/2022	ND	2.26	113	2.00	0.507	
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	6.47	108	6.00	1.95	
Total BTEX	<0.300	0.300	01/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	01/26/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	204	102	200	1.48	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	187	93.4	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					
Surrogate: 1-Chlorooctane	78.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	73.1	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/24/2022 Sampling Date: 01/24/2022

Reported: 01/28/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FED COM 1 Sampling Condition: ** (See Notes) Sample Received By: Tamara Oldaker Project Number: 15066

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: NH 2 @ 1' (H220266-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2022	ND	2.14	107	2.00	1.49	
Toluene*	<0.050	0.050	01/27/2022	ND	2.26	113	2.00	0.507	
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	6.47	108	6.00	1.95	
Total BTEX	<0.300	0.300	01/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/26/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	204	102	200	1.48	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	187	93.4	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					
Surrogate: 1-Chlorooctane	81.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	75.2	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/24/2022 Sampling Date: 01/24/2022

Reported: 01/28/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FED COM 1 Sampling Condition: ** (See Notes) Sample Received By: Project Number: 15066 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: EH 1 @ SURFACE (H220266-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2022	ND	2.14	107	2.00	1.49	
Toluene*	<0.050	0.050	01/27/2022	ND	2.26	113	2.00	0.507	
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	6.47	108	6.00	1.95	
Total BTEX	<0.300	0.300	01/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/26/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	204	102	200	1.48	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	187	93.4	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					
Surrogate: 1-Chlorooctane	79.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	75.1	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/24/2022 Sampling Date: 01/24/2022

Reported: 01/28/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FED COM 1 Sampling Condition: ** (See Notes) Sample Received By: Tamara Oldaker Project Number: 15066

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: EH 1 @ 1' (H220266-06)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2022	ND	2.14	107	2.00	1.49	
Toluene*	<0.050	0.050	01/27/2022	ND	2.26	113	2.00	0.507	
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	6.47	108	6.00	1.95	
Total BTEX	<0.300	0.300	01/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	01/26/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	204	102	200	1.48	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	187	93.4	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					
Surrogate: 1-Chlorooctane	82.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	74.5	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/24/2022 Sampling Date: 01/24/2022 Reported: 01/28/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FED COM 1 Sampling Condition: ** (See Notes) Project Number: Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

15066

Sample ID: EH 2 @ SURFACE (H220266-07)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2022	ND	2.14	107	2.00	1.49	
Toluene*	<0.050	0.050	01/27/2022	ND	2.26	113	2.00	0.507	
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	6.47	108	6.00	1.95	
Total BTEX	<0.300	0.300	01/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	01/26/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	204	102	200	1.48	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	187	93.4	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					
Surrogate: 1-Chlorooctane	81.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	73.7	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/24/2022 Sampling Date: 01/24/2022

Reported: 01/28/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FED COM 1 Sampling Condition: ** (See Notes) Sample Received By: Tamara Oldaker Project Number: 15066

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: EH 2 @ 1' (H220266-08)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2022	ND	2.14	107	2.00	1.49	
Toluene*	<0.050	0.050	01/27/2022	ND	2.26	113	2.00	0.507	
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	6.47	108	6.00	1.95	
Total BTEX	<0.300	0.300	01/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/26/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	204	102	200	1.48	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	187	93.4	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					
Surrogate: 1-Chlorooctane	82.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	76.2	% 59.5-14	2						

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Celeg D. Freene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

 Received:
 01/24/2022
 Sampling Date:
 01/24/2022

 Reported:
 01/28/2022
 Sampling Type:
 Soil

Project Name: CHICAGO 9-8 W0HE FED COM 1 Sampling Type. ** (See Notes)

Project Number: 15066 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

Sample ID: SH 1 @ SURFACE (H220266-09)

BTEX 8021B

DIEX GOZID	ıııg,	rkg	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2022	ND	2.14	107	2.00	1.49	
Toluene*	<0.050	0.050	01/27/2022	ND	2.26	113	2.00	0.507	
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	6.47	108	6.00	1.95	
Total BTEX	<0.300	0.300	01/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/26/2022	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	204	102	200	1.48	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	187	93.4	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					
Surrogate: 1-Chlorooctane	79.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	73.6	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/24/2022 Sampling Date: 01/24/2022

Reported: 01/28/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FED COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE - EDDY CO NM

ma/ka

Sample ID: SH 1 @ 1' (H220266-10)

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	01/27/2022	ND	2.14	107	2.00	1.49	
Toluene*	<0.050	0.050	01/27/2022	ND	2.26	113	2.00	0.507	
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	6.47	108	6.00	1.95	
Total BTEX	<0.300	0.300	01/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/26/2022	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	204	102	200	1.48	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	187	93.4	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					
Surrogate: 1-Chlorooctane	81.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	73.1	% 59.5-14	2						

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Celeg D. Freene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/24/2022 Sampling Date: 01/24/2022 Reported: 01/28/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FED COM 1 Sampling Condition: ** (See Notes) Sample Received By: Project Number: 15066 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: SH 2 @ SURFACE (H220266-11)

BTEX 8021B	mg/	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2022	ND	2.14	107	2.00	1.49	
Toluene*	<0.050	0.050	01/27/2022	ND	2.26	113	2.00	0.507	
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	6.47	108	6.00	1.95	
Total BTEX	<0.300	0.300	01/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/26/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	204	102	200	1.48	
DRO >C10-C28*	11.3	10.0	01/27/2022	ND	187	93.4	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					
Surrogate: 1-Chlorooctane	80.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	73.1	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/24/2022 Sampling Date: 01/24/2022

Reported: 01/28/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FED COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: SH 2 @ 1' (H220266-12)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2022	ND	2.14	107	2.00	1.49	
Toluene*	<0.050	0.050	01/27/2022	ND	2.26	113	2.00	0.507	
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	6.47	108	6.00	1.95	
Total BTEX	<0.300	0.300	01/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/26/2022	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	204	102	200	1.48	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	187	93.4	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					
Surrogate: 1-Chlorooctane	75.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	69.5	% 59.5-14	22						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/24/2022 Sampling Date: 01/24/2022

Reported: 01/28/2022 Sampling Type: Soil
Project Name: CHICAGO 9-8 W0HE FED COM 1 Sampling Condition: **(

Project Name: CHICAGO 9-8 W0HE FED COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: WH 1 @ SURFACE (H220266-13)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2022	ND	2.14	107	2.00	1.49	
Toluene*	<0.050	0.050	01/27/2022	ND	2.26	113	2.00	0.507	
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	6.47	108	6.00	1.95	
Total BTEX	<0.300	0.300	01/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/26/2022	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	204	102	200	1.48	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	187	93.4	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					
Surrogate: 1-Chlorooctane	77.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	71.8	% 59.5-14	2						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/24/2022 Sampling Date: 01/24/2022

Reported: 01/28/2022 Sampling Type: Soil Project Name: CHICAGO 9-8 W0HE FED COM 1 Sampling Condition:

** (See Notes) Sample Received By: Project Number: 15066 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: WH 1 @ 1' (H220266-14)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2022	ND	2.14	107	2.00	1.49	
Toluene*	<0.050	0.050	01/27/2022	ND	2.26	113	2.00	0.507	
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	6.47	108	6.00	1.95	
Total BTEX	<0.300	0.300	01/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/26/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	204	102	200	1.48	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	187	93.4	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					
Surrogate: 1-Chlorooctane	83.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	74.0	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/24/2022 Sampling Date: 01/24/2022

Reported: 01/28/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FED COM 1 Sampling Condition: ** (See Notes) Sample Received By: Project Number: 15066 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: WH 2 @ SURFACE (H220266-15)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2022	ND	2.14	107	2.00	1.49	
Toluene*	<0.050	0.050	01/27/2022	ND	2.26	113	2.00	0.507	
Ethylbenzene*	< 0.050	0.050	01/27/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	6.47	108	6.00	1.95	
Total BTEX	<0.300	0.300	01/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/26/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	204	102	200	1.48	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	187	93.4	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					
Surrogate: 1-Chlorooctane	77.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	71.7	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/24/2022 Sampling Date: 01/24/2022

Reported: 01/28/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FED COM 1 Sampling Condition: ** (See Notes) Sample Received By: Project Number: 15066 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: WH 2 @ 1' (H220266-16)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2022	ND	2.14	107	2.00	1.49	
Toluene*	<0.050	0.050	01/27/2022	ND	2.26	113	2.00	0.507	
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	6.47	108	6.00	1.95	
Total BTEX	<0.300	0.300	01/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/26/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	204	102	200	1.48	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	187	93.4	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					
Surrogate: 1-Chlorooctane	69.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	60.8	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/24/2022 Sampling Date: 01/24/2022

Reported: 01/28/2022 Sampling Type: Soil
Project Name: CHICAGO 9-8 W0HE FED COM 1 Sampling Condition: **(

Project Name: CHICAGO 9-8 W0HE FED COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: SP 1 @ SURFACE (H220266-17)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2022	ND	2.14	107	2.00	1.49	
Toluene*	<0.050	0.050	01/27/2022	ND	2.26	113	2.00	0.507	
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	6.47	108	6.00	1.95	
Total BTEX	<0.300	0.300	01/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11800	16.0	01/26/2022	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	204	102	200	1.48	
DRO >C10-C28*	102	10.0	01/27/2022	ND	187	93.4	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					
Surrogate: 1-Chlorooctane	79.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	79.4	% 59.5-14	2						

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Celey & Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/24/2022 Sampling Date: 01/24/2022

Reported: 01/28/2022 Sampling Type: Soil
Project Name: CHICAGO 9-8 W0HE FED COM 1 Sampling Condition: ** (

Project Name: CHICAGO 9-8 W0HE FED COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

Sample ID: SP 1 @ 1' (H220266-18)

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	01/27/2022	ND	2.14	107	2.00	1.49	
Toluene*	<0.050	0.050	01/27/2022	ND	2.26	113	2.00	0.507	
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	6.47	108	6.00	1.95	
Total BTEX	<0.300	0.300	01/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	01/26/2022	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	204	102	200	1.48	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	187	93.4	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					
Surrogate: 1-Chlorooctane	86.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.0	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/24/2022 Sampling Date: 01/24/2022

Reported: 01/28/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FED COM 1 Sampling Condition: ** (See Notes) Sample Received By: Project Number: 15066 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: SP 2 @ SURFACE (H220266-19)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2022	ND	2.14	107	2.00	1.49	
Toluene*	<0.050	0.050	01/27/2022	ND	2.26	113	2.00	0.507	
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	6.47	108	6.00	1.95	
Total BTEX	<0.300	0.300	01/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11800	16.0	01/26/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	204	102	200	1.48	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	187	93.4	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					
Surrogate: 1-Chlorooctane	81.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	74.5	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/24/2022 Sampling Date: 01/24/2022

Reported: 01/28/2022 Sampling Type: Soil CHICAGO 9-8 W0HE FED COM 1

Project Name: Sampling Condition: ** (See Notes) Sample Received By: Tamara Oldaker Project Number: 15066

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: SP 2 @ 1' (H220266-20)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2022	ND	2.14	107	2.00	1.49	
Toluene*	<0.050	0.050	01/27/2022	ND	2.26	113	2.00	0.507	
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	6.47	108	6.00	1.95	
Total BTEX	<0.300	0.300	01/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/26/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	196	98.0	200	8.76	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	202	101	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					
Surrogate: 1-Chlorooctane	91.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.2	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/24/2022 Sampling Date: 01/24/2022

Reported: 01/28/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FED COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: SP 3 @ SURFACE (H220266-21)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2022	ND	2.13	107	2.00	4.69	
Toluene*	<0.050	0.050	01/27/2022	ND	2.19	110	2.00	0.630	
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	2.06	103	2.00	1.56	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	6.44	107	6.00	2.61	
Total BTEX	<0.300	0.300	01/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	01/26/2022	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	196	98.0	200	8.76	
DRO >C10-C28*	19.3	10.0	01/27/2022	ND	202	101	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					
Surrogate: 1-Chlorooctane	77.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	78.3	% 59.5-14	22						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/24/2022 Sampling Date: 01/24/2022 Reported: Soil

01/28/2022 Sampling Type: Project Name: CHICAGO 9-8 W0HE FED COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: SP 3 @ 2' (H220266-22)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2022	ND	2.13	107	2.00	4.69	
Toluene*	<0.050	0.050	01/27/2022	ND	2.19	110	2.00	0.630	
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	2.06	103	2.00	1.56	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	6.44	107	6.00	2.61	
Total BTEX	<0.300	0.300	01/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/26/2022	ND	432	108	400	7.69	
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	01/27/2022	ND	196	98.0	200	8.76	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	202	101	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					
Surrogate: 1-Chlorooctane	91.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.4	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/24/2022 Sampling Date: 01/24/2022 Reported: 01/28/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FED COM 1 Sampling Condition: ** (See Notes) Sample Received By: Project Number: 15066 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: SP 4 @ SURFACE (H220266-23)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2022	ND	2.13	107	2.00	4.69	
Toluene*	<0.050	0.050	01/27/2022	ND	2.19	110	2.00	0.630	
Ethylbenzene*	< 0.050	0.050	01/27/2022	ND	2.06	103	2.00	1.56	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	6.44	107	6.00	2.61	
Total BTEX	<0.300	0.300	01/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	01/26/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	196	98.0	200	8.76	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	202	101	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					
Surrogate: 1-Chlorooctane	95.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.0	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/24/2022 Sampling Date: 01/24/2022

Reported: 01/28/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FED COM 1 Sampling Condition: ** (See Notes) Sample Received By: Project Number: 15066 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: SP 4 @ 3' (H220266-24)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2022	ND	2.13	107	2.00	4.69	
Toluene*	<0.050	0.050	01/27/2022	ND	2.19	110	2.00	0.630	
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	2.06	103	2.00	1.56	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	6.44	107	6.00	2.61	
Total BTEX	<0.300	0.300	01/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/26/2022	ND	432	108	400	7.69	
TPH 8015M	mg,	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	196	98.0	200	8.76	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	202	101	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					
Surrogate: 1-Chlorooctane	94.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.9	% 59.5-14	2						

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Notes and Definitions

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

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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State: NM State: NM 884 Fax #: - Project Owner 90 9-8 wollt Fedion ral Ecicly co, NM 102 1 Ramivez			A	P.O. #: Company & Attn: Address: City:		me				ANALYSIS	REQUEST	
State: NM 884 Fax #: — Project Owner 90 9-8 Woll Fed Com Color Ecidy Co, NM	r: Nei		A	Attn: Address: ,, City:		me						
Project Owner of Ecicly Co, NM	r: Nei		A	Attn: Address: ,, City:								
Project Owner Project Owner Project Owner		whourse	C	City:								
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					Zip:		1 0	E	B			
			P	hone #:			rid	015	802			
				ax #:			Chloride	TPH (8015M)	BTEX (8021B)			
	T	MATI	RIX	PRESERV.	SAMPL	ING	1	T	BTE			
Sample I.D.	OR (C)OMP	OWATER		SE: OL								
	(G)RAB C	GROUND	OIL SLUDGE	ACID/BA ICE / CO	DATE	TIME						
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101'	111	1		1.	1		1		1			
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2	negligence and any other cause whatsoever shall be one for incidental or consequental damages, including	P SUTFARE 1 P 1' 2 P SUTFARE 2 P 1' 1 P SUTFARE 1 P 1' 2 P SUTFARE 2 P 1' 2 P SUTFARE 2 P 1' Cardinan's limitably and clien's exclusive remedy for any claim and registernce and any other cause whatsoever about the deserted will oble for incidental or consequental deemages, including without firm	P SUFFARE 2 P 1' 1 P SUFFARE 2 P 1' 1 P SUFFARE 1 P 1' 2 P SUFFARE 2 P 1' Cardinar's liability and client's exclusive ramedy for any claims arising whether based in the large lightness and any other cause whose over shall be desented writed unless made in the large made in the confidences or consequential discussion, including without finiliation, trustances inter-	P SUTFARE 1 P 1' 2 P SUTFARE 2 P 1' 1 P SUTFARE 1 P 1' 2 P SUTFARE 2 P 1' 4 H 1 P SUTFARE 2 P 1' 6 H 1 P SUTFARE 2 P 1' 6 H 1 P SUTFARE 1 P SUTFARE 1 P SUTFARE 2 P 1' 6 H 1 P SUTFARE 1 P SUTFARE 1 P SUTFARE 2 P 1' 6 H 1 P SUTFARE 1 P SUTFARE 1 P SUTFARE 2 P 1' 6 H 1 P SUTFARE 1	P Surface 2 P 1' 1 P Surface 2 P 1' 2 P Surface 2 P 1' 2 P Surface 2 P 1' 4 H 1 P Surface 2 P 1' 5 H 1 P Surface 6 P Surface 6 P Surface 7 P Surface 8 P Surface 9 P Surface 1 P Surface 1 P Surface 1 P Surface 1 P Surface 2 P Surface 2 P Surface 3 P Surface 4 P Surface 5 P Surface 6 P Surface 6 P Surface 7 P Surface 8 P Surface 9 P Surface 1 P Surface 2 P Surface	P SUTFARE 2 P 1' 2 P SUTFARE 2 P 1' 2 P SUTFARE 2 P 1' 4 P SUTFARE 2 P 1' 4 P SUTFARE 2 P 1' 4 P SUTFARE 2 P 1' 5 P 1 P SUTFARE 2 P 1' 6 P 1 P SUTFARE 2 P 1' 6 P 1 P SUTFARE 1 P 1 P SUTFARE 2 P 1' 6 P 1 P SUTFARE 2 P 1 P SUTFARE 3 P SUTFARE 4 P SUTFARE 4 P SUTFARE 5 P SUTFARE 5 P SUTFARE 6 P SUTFARE 7 P SUTFARE 6 P SUTFARE 7 P SUTFARE 6 P SUTFARE 7 P SUTFARE	Psorface 2 P1' 1 Psorface 2 P1' 2 Psorface 2 P1' 2 Psorface 3 P1' 4 Psorface 5 H1 Psorface 6 Psorface 7 Psorface 2 P1' 2 Psorface 6 Psorface 7 Psorface 8 Psorface 9 Psorface 1 Psorface 1 Psorface 1 Psorface 1 Psorface 1 Psorface 1 Psorface 2 P1' 2 Psorface 2 P1' 2 Psorface 3 Psorface 4 Psorface 5 Psorface 6 Psorface 1 Psorface 1 Psorface 1 Psorface 1 Psorface 1 Psorface 1 Psorface 2 Psorface 3 Psorface 4 Psorface 2 Psorface 3 Psorface 4 Ps	P Surface 2 P 1' 1 P Surface 2 P 1' 2 P Surface 2 P 1' Cardinal's limitally and client's exclusive ramsety for any claims unlaining whether besided in contract or bort, shall be limitaled to this annuarit paid by the chern for the negligence and any other cause whitescover shall be desented waived unlates made its writing and received by Cardinal waithn 30 days after conspletion of this application be for incidental of consequential desirages, including without finilitation, custometric interruptions, loss of ourse of profile incurred by charm, as subscidenies, estead to the personnance of services frequented by Cardinal, reparations of wheelers such claim is based upon any of the atture stated reasons or orthorwise. Date: T Received By:	Psorface 2 P1' 1 Psorface 2 P1' 2 Psorface 2 P1' 2 Psorface 2 P1' 2 Psorface 3 P1' 4 Psorface 5 Psorface Cardinal liability and client's exclusive ramedly for any cliebs entiring whether based in contract or lort, shall be lampined so the annount paid by the chern for the negligence and any other cause whiteacover shall be desented withered unless muster is writing and received by Cardinal water 30 days enter completion of the applicable of the ramidantes or consequential dissuspens, including without findiation, business interruptions, loses of use, or loses of profile incurred by claim, as subaddimines, estead to the pernominance of services thereunder by Cardinal, regardless of whether such claims is based upon any of the above stead reasons or otherwise. Date: The Received By:	P Surface 2 P 1' 1 P Surface 2 P 1' 2 P Surface 2 P 1' 4 P Surface 2 P 1' 5 H 1 P Surface 2 P 1' 6 H 1 P Surface 6 P Surface 7 P Surface 8 P Surface 9 P Surface 9 P Surface 1 P Surface 2 P Surface 2 P Surface 3 P Surface 4 P Surface 5 P Surface 6 P Surface 6 P Surface 7 P Surface 8 P Surface 9 P Surface 1 P Surface 2 P Surface 2 P Surface 3 P Surface 4 P Surface 5 P Surface 6 P Surface 1 P Surface 2 P Surface 2 P Surface 2 P Surface 3 P Surface 4 P Surface 1 P Surface 2 P Surface 1 P Surface 1 P Surface 2 P Surface 3 P Surface 4 P Surface	Pour face 2 P 1' 1 P Sur face 2 P 1' 2 P Sur face 2 P 1' 3 P Sur face 2 P 1' 4 P Sur face 2 P 1' 5 P Sur face 2 P 1' 6 P Sur face 2 P Sur face 2 P Sur face 2 P Sur face 2 P Sur face 3 P Sur face 4 P Sur face 4 P Sur face 4 P Sur face 4 P Sur face 5 P Sur face 5 P Sur face 6 P Sur face 7 P Sur face 8 P Sur face 8 P Sur face 8 P Sur face 9 P Sur face 1 P	E SUTFINE 2 P 1' 1 P SUTFINE 2 P 1' 2 P SUTFINE 2 P 1' 2 P SUTFINE 2 P 1' 3 P SUTFINE 2 P 1' 4 P SUTFINE 2 P 1' 5 P 1 P SUTFINE 2 P 1' 5 P 1 P SUTFINE 6 P SUTFINE 7 P S

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ARDINA

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

ompany Name: Etech Environmental & Safety Solutions, Inc.	BILL TO		ANALYSIS REQUEST
roject Manager: Jec Lowry	P.O. #:		
ddress: 2617 West Marland	Company Menbourne		
ity: Hobbs State: NM Zip: 88240	Attn:		
hone #: (575) 264-9884 Fax #:	Address:		
roject #: 15066 Project Owner: Menbourne	City:		
	S 7:	E E	(B)
roject Name: Chicago q.8 WoHE Fedcom 1 roject Location: Rural Eddy Co, NM	State: Zip:	0.15	(8021B)
ampler Name: Mig ve //Zemine	Phone #:	TPH (8015M)	×
OR LAB USE ONLY MATRI	Fax #:	기호	BTEX
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CONTAINERS SROUNDWATE VASTEWATER OIL			
UND OND TEW	BASS COO		
(G)RAB OR (CONTAINER GROUNDWAT WASTEWATEI SOIL	SLUDGE OTHER: CC / COOL OTHER: SWIL SLUDGE		
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13 WH 1@ SUFFACE			
14 WHIQ1'			
15 WH 2@ Surface			
16 WHZ @1'			
17 SPI @ Surface			
18 581@1			
19 SR2 @ surface			
20 582 (D1'		4 4	Y
ASE NOTE: Leiblity and Damages. Cardinal's lisbilly and client's esticulive remedy for any claim sifeing whether based in on ysas. All claims: including those for negligence and any other cause weatspever shall be deemed waved unless made in whi	ract or tert, shall be fingled to the amount paid by the client for the and received by Cardinal within 30 days after dompletion of the appli	vicable	
ice—In no event enail Cardinal be finate for incidental or consequental demagas, including without limitation, quaness interrupt Bibs or successors arising out of or related to the performance of services harounderby Cardinal, regardless of whether such	ns, loss of use, or toss of profits incurred by chem, its subtralitries,		
Date: Received By:	Phone Result:	: Yes	
Mul Punisis Samara	REMARKS:	4	
linquished By: Date: Received By:	Standa	und	
Time:			
		il copy of	COC and results to pm@etechenv.com.
Delivered By: (Circle One) 23.8°) C-0.5° Sample Con	(Initials)		
ampler - UPS - Bus - Other: 33.3 c #1/3 \ No \	les VO		

See 91 of 272

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name: Etech Environmental & Safety Solutions, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Joel Lowry Address: 2617 West Mariand City: Hobbs State: NM Zip: 88240 Phone #: (575) 264-9884 Fax #: Project #: 15066 Project Owner: Westfource Project Name: CW Cogo 9.8 Woff Fool Com 1 Project Location: Rural Eddy Co, MM Sampler Name: Miguel Ramine	P.O. #: Company Mulborror Attn: Address: ,, City: State: Zip: Phone #: Fax #:	Chloride TPH (8015M) BTEX (8021B)
FOR LAB OR C. COMP. Tap 1.D. Sample 1.D. Haddayare GROUNDWATER Soil OIL OIL Tap 1.D. Sample 1.D. Sample 1.D. A Shad Surface GROUNDWATER MASTEWATER OIL	SLUDGE OTHER: ACID/BASE: ACID/BAS	
PLEASE NOTE: Labelity and Damages. Cardinal's liability and clients auctuative remody for any claims artising whether based in consist year. All clients including those for negligence and any other cause whitsover shall be deemed water and in a with any cities and any other cause whitsover shall be deemed water and in a with any cities and any other cause whitsover shall be deemed water and in a with any cardinal be liable for incidental or consequential dissegue, including without limitation, usuavers interrupt intinates or successions arranging of or retained to the performance of sativities hereunder by Cardinal, regardless of whether such the performance of sativities hereunder by Cardinal, regardless of whether such time: Date: Received By:	ring and reconved by Cardinal within 30 days after conspilence of the ficine, lose of use, or tops of profile incurred by chem, as subsidiar community in the store standard resistance or otherwise. Phone Research and the store standard resistance or otherwise from the store standard resistance or otherwise. Phone Research Remarks. The standard Remarks of the store standard resistance or otherwise from the store standard resistance or otherwise from the standard resistance of	ne applicable files, ne. sult: Yes No Add'l Phone #: It: Yes No Add'l Fax #:



April 29, 2022

JOEL LOWRY
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 04/26/22 16:48.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 04/26/2022 Sampling Date: 04/26/2022 Reported: 04/29/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes) Project Number: 15066 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 1 @ 11 (H221717-01)

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	04/28/2022	ND	2.05	103	2.00	0.293	
Toluene*	<0.050	0.050	04/28/2022	ND	2.04	102	2.00	0.237	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.93	96.3	2.00	1.04	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.96	99.3	6.00	2.13	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	04/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	188	94.0	200	6.50	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	184	91.8	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	93.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.3	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 04/26/2022 Reported: 04/29/2022 Sampling Date: 04/26/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 WOHE FEE COM 1

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Project Number: 15066

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 2 @ 11 (H221717-02)

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	04/28/2022	ND	2.05	103	2.00	0.293	
Toluene*	<0.050	0.050	04/28/2022	ND	2.04	102	2.00	0.237	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.93	96.3	2.00	1.04	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.96	99.3	6.00	2.13	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	04/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: CK/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	188	94.0	200	6.50	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	184	91.8	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	99.5 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.3 9	6 59.5-14	2						

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Celeg & Freene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Applyzod By: MC/

Received: 04/26/2022 Reported: 04/29/2022

Project Name: CHICAGO 9-8 W0HE FEE COM 1

Project Number: 15066

Project Location: MEWBOURNE - EDDY CO NM Sampling Date: 04/26/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By:

Shalyn Rodriguez

Sample ID: FL 3 @ 11 (H221717-03)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.05	103	2.00	0.293	
Toluene*	<0.050	0.050	04/28/2022	ND	2.04	102	2.00	0.237	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.93	96.3	2.00	1.04	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.96	99.3	6.00	2.13	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	04/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	188	94.2	200	2.69	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	212	106	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	118	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	132	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

 Received:
 04/26/2022
 Sampling Date:
 04/26/2022

 Reported:
 04/29/2022
 Sampling Type:
 Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 4 @ 9 (H221717-04)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.09	105	2.00	0.574	
Toluene*	<0.050	0.050	04/28/2022	ND	2.06	103	2.00	0.270	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.07	103	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.14	102	6.00	0.00863	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	188	94.2	200	2.69	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	212	106	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	107	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	121	% 59.5-14	22						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 04/26/2022 Sampling Date: 04/26/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes) Project Number: 15066 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 5 @ 9 (H221717-05)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.09	105	2.00	0.574	
Toluene*	<0.050	0.050	04/28/2022	ND	2.06	103	2.00	0.270	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.07	103	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.14	102	6.00	0.00863	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	188	94.2	200	2.69	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	212	106	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	118	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	137	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

 Received:
 04/26/2022
 Sampling Date:
 04/26/2022

 Reported:
 04/29/2022
 Sampling Type:
 Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 6 @ 9 (H221717-06)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.09	105	2.00	0.574	
Toluene*	<0.050	0.050	04/28/2022	ND	2.06	103	2.00	0.270	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.07	103	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.14	102	6.00	0.00863	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	04/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	188	94.2	200	2.69	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	212	106	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	110	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	126	% 59.5-14	22						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 04/26/2022 Sampling Date: 04/26/2022 Reported: 04/29/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes) Sample Received By: Project Number: 15066 Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 7 @ 11 (H221717-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.09	105	2.00	0.574	
Toluene*	< 0.050	0.050	04/28/2022	ND	2.06	103	2.00	0.270	
Ethylbenzene*	< 0.050	0.050	04/28/2022	ND	2.07	103	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.14	102	6.00	0.00863	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyze	Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	188	94.2	200	2.69	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	212	106	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	121 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	143 %	6 59.5-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

 Received:
 04/26/2022
 Sampling Date:
 04/26/2022

 Reported:
 04/29/2022
 Sampling Type:
 Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

Sample ID: FL 8 @ 11 (H221717-08)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.09	105	2.00	0.574	
Toluene*	<0.050	0.050	04/28/2022	ND	2.06	103	2.00	0.270	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.07	103	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.14	102	6.00	0.00863	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	04/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: CK					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	188	94.2	200	2.69	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	212	106	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	: 1-Chlorooctane 122 % 66.9		6						
Surrogate: 1-Chlorooctadecane	143	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 04/26/2022 Sampling Date: 04/26/2022

Reported: 04/29/2022 Sampling Type: Soil Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes)

Sample Received By: Shalyn Rodriguez Project Number: 15066

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 9 @ 11 (H221717-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.09	105	2.00	0.574	
Toluene*	<0.050	0.050	04/28/2022	ND	2.06	103	2.00	0.270	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.07	103	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.14	102	6.00	0.00863	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	69.9-14	0						
Chloride, SM4500Cl-B		kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	04/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	188	94.2	200	2.69	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	212	106	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	113 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	133 9	6 59.5-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 04/26/2022 Sampling Date: 04/26/2022 Reported: 04/29/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes) Sample Received By: Project Number: 15066 Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 11 @ 12 (H221717-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.09	105	2.00	0.574	
Toluene*	<0.050	0.050	04/28/2022	ND	2.06	103	2.00	0.270	
Ethylbenzene*	< 0.050	0.050	04/28/2022	ND	2.07	103	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.14	102	6.00	0.00863	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 69.9-14	0						
hloride, SM4500Cl-B mg/		kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	188	94.2	200	2.69	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	212	106	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	119 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	139 9	59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 04/26/2022 Sampling Date: 04/26/2022 Reported: 04/29/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez Project Number: 15066

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 12 @ 12 (H221717-11)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.09	105	2.00	0.574	
Toluene*	<0.050	0.050	04/28/2022	ND	2.06	103	2.00	0.270	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.07	103	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.14	102	6.00	0.00863	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-B mg/kg		kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	04/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	188	94.2	200	2.69	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	212	106	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	116 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	136 9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 04/26/2022 Sampling Date: 04/26/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

Sample ID: SW 1 (H221717-12)

BTEX 8021B

	9,	9	7	7: 5::			2.00 0.574 0.03 2.00 0.270 0.03 2.00 0.415 0.02 6.00 0.00863 ecovery True Value QC RPD 0.04 400 0.00 ecovery True Value QC RPD 4.2 200 2.69		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.09	105	2.00	0.574	
Toluene*	<0.050	0.050	04/28/2022	ND	2.06	103	2.00	0.270	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.07	103	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.14	102	6.00	0.00863	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	188	94.2	200	2.69	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	212	106	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	103 % 66.9-13		6						
Surrogate: 1-Chlorooctadecane	120	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

 Received:
 04/26/2022
 Sampling Date:
 04/26/2022

 Reported:
 04/29/2022
 Sampling Type:
 Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: WW 1 (H221717-13)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.09	105	2.00	0.574	
Toluene*	<0.050	0.050	04/28/2022	ND	2.06	103	2.00	0.270	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.07	103	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.14	102	6.00	0.00863	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	188	94.2	200	2.69	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	212	106	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	121	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	142	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 04/26/2022 Sampling Date: 04/26/2022 Reported: 04/29/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes) Project Number: Sample Received By: 15066 Shalyn Rodriguez

MEWBOURNE - EDDY CO NM Project Location:

Sample ID: EW 1 (H221717-14)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.09	105	2.00	0.574	
Toluene*	<0.050	0.050	04/28/2022	ND	2.06	103	2.00	0.270	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.07	103	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.14	102	6.00	0.00863	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-B mg/kg		kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	04/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	188	94.2	200	2.69	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	212	106	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	117 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	139 9	6 59.5-14	2						

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Notes and Definitions

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

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

ecovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	ny Name: Etech Environmental & Safety Solutions, Inc.										BI	LL TO	70 ANALYSIS REQUEST													
Project Manage	. Joel Lowky							P.	O. 1	k:																
Address: P.O								Co	omp	any	<i>y</i> :	E te	Ch													
City: Lovingto	on State: NM	Zip	: 88	260				At	tn:																	
Phone #: (57	5) 396-2378 Fax #: (575) 3	96-1	429					Ac	ddre	:ss:				Chlorid Chlorid (80)												
Project #:	Project Owne							Ci	ty:	H	061	65														
Project Name:	Chicago 9-8 WOHC F	el	0	ou	11			St	ate:	N	M	Zip: 88	240	0	5M		21B									
Project Location	Chicago 9-8 WOHE F ELVIAT LOVING DOMINIC CASAVOZ							PI	non	e #:	43	20446	4450	or o	801		(80									
Sampler Name:	Dominic Casava?	_							x #					등	표		Ä									
FOR LAB USE ONLY					M	ATR	X		PR	ESE	RV.	SAMPL	ING		F		6									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME													
1	FLI @ //	Ť	1	Ĭ		1			۲					17	11	1	1									
à	FLZ QU					1																				
3	FL 3 @11				1										Π											
4 5	FL409				1									11	11				_				-			
5	FLSEG					1			L					1	11	1	1					-	-	1	-	-
9	FL6 Q9		L			1		1	L	L				1	#	1	1	-	-			-	+	+	-	-
	FL7 @ll	1	_				1	1	1	1			-	#	#	+	$\overline{}$	-	-			+	+	+	+	-
8	FLBQII	1	┡			1	_	-	╀	-		_	-	#	#	+	1	_	\dashv	_	_	+	+	+	+	-
9	FL9 @11	-			- /	1	+	+	\vdash	-	-		-	1	-	+		-	\dashv		-	-	+	+	+	+
PLEASE NOTE: Liability or	T L GM L Q L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C L C	ny clni	m oriei	ng who	ther be	sed in	contrac	t or to	rt, she	i be i	imited t	to the amount p	aid by the client f	or the		_	,			_		_			_	
analyses. All claims include	ng those for negligence and any other cause whatsoever shall be ardinal be lieble for incidental or consequental damages, includin	deem	nd wah	red uni	ees mad	io in w	riting as	ad rec	alved i	by Car	rdinal v	vithin 30 days at	ter completion of	the applic	cable											
Relinquished B	ng out of or related to the performance of services hereunder by	Cardina	d, rega		of what									nine.	D	Yes	01	lo Ac	id'l P	hone	#:	_	_	_		
D-oct	Time	<	7	Z	0	X	R	1	2/	1		w	Fax Resi REMARK	ult:		Yes			id'i F							
Relinquished B	Time:	-		ved	Samp			tion	1	СН	ECK	ED BY:	Please	email	resu	lts	to pm	@etecl	nenv	.com	۱.					
Sampler - UPS	- Bus - Other: 23.8° #	13	3		Cool Y	In	tact			<	dnit	iale)														

FORM-006 Revision 1.0

Received by OCD: 2/7/2023 7:32:21 AM

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

Page 18 of 18

RDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	e: Etech Environmental 8	& Safety Solution	ons,	Inc				П		E	3/L	L TO						ANA	LYSI	SRE	QUE	ST			
Project Manage	er: Joel L	-owky						P.	O. #:																
Address: P.0		/						Co	mpa	any:	E	tel	h						1						
City: Lovingt	on S	tate: NM	Zip:	882	260			At	tn:					1											
Phone #: (57	(5) 396-2378 F	ax #: (575) 39	6-1	429				Ad	dres	\$ S :				1				1							
Project #:	P	roject Owner:						Cit	ty:	H	obl	66		1		_									
Project Name:	Chicago 9	-8 WOL	40	t	ce	Cour	11	St	ate:	NIN	, Z	ip: 892	-40	۰	5M)	218									
Project Location	Chicago 9 on: Aural Lou Dominic	105 1						Ph	one	#: 4	132	446	4450	Chloride	TPH (8015M)	BTEX (8021B)									
Sampler Name	Dominic	Casavel	-					Fa	x #:					동	포	EX.								1	
FOR LAB USE ONLY				П	_	MAT			PRI	ESER	۱V.	SAMPLI	NG	1	=	19					1 8			-	
Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME												
81	FL12@12					1	X				T			1	1	1	1								
12	511					1	1							1	1	1									
13	WWI					1	/							/	1	1									
14	EWI			Ц		/		-			1			/	/	1	-	-		-			-	_	
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enelysee. All claims include envice. In no event shall defiliates or successors are Relinquished E	7 T	whatsoever shall be de all darrages, including v reviews hereunder by Ca late: 'U' 2 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Re	ceiv	d unless of ton, busing dees of weed By red By	made in sees interest the three sees in the thre	writing as muptions,	d receiptes on in best	of use, c	y Cardin or toss o on any o	sal with of profit of the a	in 30 days alle ts incurred by o	r completion of i	tio applica nins, ico. esult: ilt: (S:	O Ye	98 [No No	Add"i	Phone Fax #:						
Sampler - UPS	: (Circle One) 24.2	33.80#	((3	3	Co	ol le	ntact		<		nitia														

FORM-006 Revision 1.0

Received by OCD: 2/7/2023 7:32:21 AM



May 04, 2022

JOEL LOWRY
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 04/29/22 16:08.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

 Received:
 04/29/2022
 Sampling Date:
 04/29/2022

 Reported:
 05/04/2022
 Sampling Type:
 Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Shalyn Rodriguez

Analyzed By: GM

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

Sample ID: FS 6 @ 10' (H221792-01)

Chloride, SM4500Cl-B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/03/2022	ND	416	104	400	3.77	
Sample ID: EW 2 (H221792-02)								
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	05/02/2022	ND	1.95	97.7	2.00	6.05	
Toluene*	<0.050	0.050	05/02/2022	ND	1.94	97.1	2.00	5.75	
Ethylbenzene*	<0.050	0.050	05/02/2022	ND	1.84	91.8	2.00	6.26	
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.75	95.8	6.00	5.70	
Total BTEX	<0.300	0.300	05/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	05/03/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					

Surrogate: 1-Chlorooctane 96.9 % 66.9-136

Result

<10.0

<10.0

<10.0

Reporting Limit

10.0

10.0

10.0

Analyzed

05/02/2022

05/02/2022

05/02/2022

*=Accredited Analyte

RPD

5.26

6.00

Qualifier

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Method Blank

ND

ND

ND

BS

212

216

% Recovery

106

108

True Value QC

200

200

Celey D. Keene

Analyte

GRO C6-C10*

DRO >C10-C28*

EXT DRO >C28-C36

Cardinal Laboratories



Analytical Results For:

Etech Environmental & Safety Solutions

JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

59.5-142

Received: 04/29/2022 Sampling Date: 04/28/2022

Reported: 05/04/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

98.8 %

Sample ID: EW 2 (H221792-02)

Surrogate: 1-Chlorooctadecane

TPH 8015M mg/kg Analyzed By: MS

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier

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Celeg D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 04/29/2022 Sampling Date: 04/29/2022

Reported: 05/04/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: WW 2 (H221792-03)

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	05/02/2022	ND	1.95	97.7	2.00	6.05	
Toluene*	<0.050	0.050	05/02/2022	ND	1.94	97.1	2.00	5.75	
Ethylbenzene*	<0.050	0.050	05/02/2022	ND	1.84	91.8	2.00	6.26	
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.75	95.8	6.00	5.70	
Total BTEX	<0.300	0.300	05/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	05/03/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2022	ND	212	106	200	5.26	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	216	108	200	6.00	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					
Surrogate: 1-Chlorooctane	92.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.4	% 59.5-14	22						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 04/29/2022 Sampling Date: 04/28/2022

Reported: 05/04/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 10 @ 11' (H221792-04)

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	05/02/2022	ND	1.95	97.7	2.00	6.05	
Toluene*	<0.050	0.050	05/02/2022	ND	1.94	97.1	2.00	5.75	
Ethylbenzene*	<0.050	0.050	05/02/2022	ND	1.84	91.8	2.00	6.26	
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.75	95.8	6.00	5.70	
Total BTEX	<0.300	0.300	05/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	05/03/2022	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	05/02/2022	ND	212	106	200	5.26	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	216	108	200	6.00	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					
Surrogate: 1-Chlorooctane	83.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	83.5	% 59.5-14	22						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 04/29/2022 Sampling Date: 04/28/2022

Reported: 05/04/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 16 @ 12' (H221792-05)

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	05/02/2022	ND	1.95	97.7	2.00	6.05	
Toluene*	<0.050	0.050	05/02/2022	ND	1.94	97.1	2.00	5.75	
Ethylbenzene*	<0.050	0.050	05/02/2022	ND	1.84	91.8	2.00	6.26	
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.75	95.8	6.00	5.70	
Total BTEX	<0.300	0.300	05/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	05/03/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2022	ND	212	106	200	5.26	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	216	108	200	6.00	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					
Surrogate: 1-Chlorooctane	97.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.6	% 59.5-14	22						

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Celeg & Freene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 04/29/2022 Reported:

Sampling Date: 04/29/2022

05/04/2022 Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Type: Soil

Project Number: 15066 Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 17 @ 11' (H221792-06)

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	05/02/2022	ND	1.95	97.7	2.00	6.05	
Toluene*	<0.050	0.050	05/02/2022	ND	1.94	97.1	2.00	5.75	
Ethylbenzene*	<0.050	0.050	05/02/2022	ND	1.84	91.8	2.00	6.26	
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.75	95.8	6.00	5.70	
Total BTEX	<0.300	0.300	05/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	05/03/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2022	ND	212	106	200	5.26	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	216	108	200	6.00	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					
Surrogate: 1-Chlorooctane	99.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.7	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 04/29/2022

Sampling Date: 04/28/2022

Reported: 05/04/2022 Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Type: Soil

Project Number: 15066 Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 18 @ 11' (H221792-07)

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	05/02/2022	ND	1.95	97.7	2.00	6.05	
Toluene*	<0.050	0.050	05/02/2022	ND	1.94	97.1	2.00	5.75	
Ethylbenzene*	<0.050	0.050	05/02/2022	ND	1.84	91.8	2.00	6.26	
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.75	95.8	6.00	5.70	
Total BTEX	<0.300	0.300	05/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	05/03/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2022	ND	212	106	200	5.26	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	216	108	200	6.00	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					
Surrogate: 1-Chlorooctane	93.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.4	% 59.5-14	2						

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Celey D. Keene



04/29/2022

Soil

Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 04/29/2022 Sampling Date: Reported: 05/04/2022 Sampling Type:

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 19 @ 8' (H221792-08)

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	05/02/2022	ND	1.95	97.7	2.00	6.05	
Toluene*	<0.050	0.050	05/02/2022	ND	1.94	97.1	2.00	5.75	
Ethylbenzene*	<0.050	0.050	05/02/2022	ND	1.84	91.8	2.00	6.26	
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.75	95.8	6.00	5.70	
Total BTEX	<0.300	0.300	05/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	05/03/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2022	ND	212	106	200	5.26	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	216	108	200	6.00	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					
Surrogate: 1-Chlorooctane	94.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 04/29/2022 Reported:

Sampling Date: 04/29/2022

05/04/2022 Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Type: Soil

Project Number: 15066 Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 20 @ 7' (H221792-09)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2022	ND	1.95	97.7	2.00	6.05	
Toluene*	<0.050	0.050	05/02/2022	ND	1.94	97.1	2.00	5.75	
Ethylbenzene*	< 0.050	0.050	05/02/2022	ND	1.84	91.8	2.00	6.26	
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.75	95.8	6.00	5.70	
Total BTEX	<0.300	0.300	05/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/03/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2022	ND	212	106	200	5.26	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	216	108	200	6.00	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					
Surrogate: 1-Chlorooctane	98.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	100 %	6 59.5-14	2						

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04/29/2022

Soil

Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 04/29/2022 Sampling Date: Reported: 05/04/2022 Sampling Type:

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 21 @ 7' (H221792-10)

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	05/02/2022	ND	1.95	97.7	2.00	6.05	
Toluene*	<0.050	0.050	05/02/2022	ND	1.94	97.1	2.00	5.75	
Ethylbenzene*	<0.050	0.050	05/02/2022	ND	1.84	91.8	2.00	6.26	
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.75	95.8	6.00	5.70	
Total BTEX	<0.300	0.300	05/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/03/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2022	ND	212	106	200	5.26	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	216	108	200	6.00	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					
Surrogate: 1-Chlorooctane	94.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.3	% 59.5-14	22						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 04/29/2022 Sampling Date: 04/29/2022

Reported: 05/04/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 22 @ 8' (H221792-11)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2022	ND	1.95	97.7	2.00	6.05	
Toluene*	<0.050	0.050	05/02/2022	ND	1.94	97.1	2.00	5.75	
Ethylbenzene*	<0.050	0.050	05/02/2022	ND	1.84	91.8	2.00	6.26	
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.75	95.8	6.00	5.70	
Total BTEX	<0.300	0.300	05/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	05/03/2022	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	05/02/2022	ND	212	106	200	5.26	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	216	108	200	6.00	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					
Surrogate: 1-Chlorooctane	95.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.2	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 04/29/2022 Sampling Date: 04/29/2022

Reported: 05/04/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes) Shalyn Rodriguez Project Number: 15066 Sample Received By:

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 23 @ 7' (H221792-12)

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	05/02/2022	ND	1.95	97.7	2.00	6.05	
Toluene*	<0.050	0.050	05/02/2022	ND	1.94	97.1	2.00	5.75	
Ethylbenzene*	<0.050	0.050	05/02/2022	ND	1.84	91.8	2.00	6.26	
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.75	95.8	6.00	5.70	
Total BTEX	<0.300	0.300	05/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/03/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2022	ND	212	106	200	5.26	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	216	108	200	6.00	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					
Surrogate: 1-Chlorooctane	101 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	102 9	6 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 04/29/2022 Sampling Date: 04/29/2022

Reported: 05/04/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes) Shalyn Rodriguez Project Number: 15066 Sample Received By:

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 24 @ 7' (H221792-13)

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	05/02/2022	ND	1.95	97.7	2.00	6.05	
Toluene*	<0.050	0.050	05/02/2022	ND	1.94	97.1	2.00	5.75	
Ethylbenzene*	<0.050	0.050	05/02/2022	ND	1.84	91.8	2.00	6.26	
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.75	95.8	6.00	5.70	
Total BTEX	<0.300	0.300	05/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	05/03/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2022	ND	212	106	200	5.26	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	216	108	200	6.00	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					
Surrogate: 1-Chlorooctane	100 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	103 9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 04/29/2022 Sampling Date: 04/29/2022

Reported: 05/04/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 25 @ 7' (H221792-14)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2022	ND	1.95	97.7	2.00	6.05	
Toluene*	<0.050	0.050	05/02/2022	ND	1.94	97.1	2.00	5.75	
Ethylbenzene*	<0.050	0.050	05/02/2022	ND	1.84	91.8	2.00	6.26	
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.75	95.8	6.00	5.70	
Total BTEX	<0.300	0.300	05/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	05/03/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2022	ND	212	106	200	5.26	
DRO >C10-C28*	<10.0	10.0	05/03/2022	ND	216	108	200	6.00	
EXT DRO >C28-C36	<10.0	10.0	05/03/2022	ND					
Surrogate: 1-Chlorooctane	97.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.3	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 04/29/2022 Sampling Date: 04/29/2022

Reported: 05/04/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 26 @ 7' (H221792-15)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2022	ND	1.95	97.7	2.00	6.05	
Toluene*	<0.050	0.050	05/02/2022	ND	1.94	97.1	2.00	5.75	
Ethylbenzene*	<0.050	0.050	05/02/2022	ND	1.84	91.8	2.00	6.26	
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.75	95.8	6.00	5.70	
Total BTEX	<0.300	0.300	05/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	05/03/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2022	ND	204	102	200	2.43	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	227	113	200	0.127	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					
Surrogate: 1-Chlorooctane	119	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	136	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 04/29/2022 Sampling Date: 04/29/2022

Reported: 05/04/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes) Project Number: 15066 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 27 @ 7' (H221792-16)

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	05/02/2022	ND	1.95	97.7	2.00	6.05	
Toluene*	<0.050	0.050	05/02/2022	ND	1.94	97.1	2.00	5.75	
Ethylbenzene*	<0.050	0.050	05/02/2022	ND	1.84	91.8	2.00	6.26	
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.75	95.8	6.00	5.70	
Total BTEX	<0.300	0.300	05/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/03/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2022	ND	204	102	200	2.43	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	227	113	200	0.127	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					
Surrogate: 1-Chlorooctane	105 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	119 9	6 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 04/29/2022 Sampling Date: 04/29/2022

Reported: 05/04/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 28 @ 7' (H221792-17)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2022	ND	1.95	97.7	2.00	6.05	
Toluene*	<0.050	0.050	05/02/2022	ND	1.94	97.1	2.00	5.75	
Ethylbenzene*	<0.050	0.050	05/02/2022	ND	1.84	91.8	2.00	6.26	
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.75	95.8	6.00	5.70	
Total BTEX	<0.300	0.300	05/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/03/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2022	ND	204	102	200	2.43	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	227	113	200	0.127	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					
Surrogate: 1-Chlorooctane	109	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	123	% 59.5-14	2						

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Celey D. Keine



Notes and Definitions

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

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

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

NoRush

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1.72

Company Name: Etech Environmental & Safety Solutions, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Lance Creashaw	P.O. #:	
Address: 2617 W Marland	Company Mewbourne	
City: Hobbs State: NM Zip: 88240	Attn: Robbie Runels	
Phone #: (575) 264-9884 Fax #:	Address [Stil P P [D]	
Project #: 15066 Project Owner: Rabic Project	City: Hobbs	
Project Name: Chicago 9-8 NOHE Fee Com 1 H	State: NM Zip: 88240	1.18 3 6 F
Project #: 15066 Project Owner: Roblic Rune Project Name: Chicago 9-8 NOHE Fee Com) H Project Location: Membourne Dil Company Sampler Name: Eric Mojica	Phone #:	Chloride TPH (8015M) BTEX (8021B)
Sampler Name: Fric Mesica	Fax #:	
FOR LAB USE ONLY MAT	PRESERV. SAMPLING	
# CONTAINERS # CONTAINERS # CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER: ACID/BASE: ICE / 899L- OTHER:	
1 FS 6010. CII V	4-29-22	
2 EW2 C1 1	1 4.28.22	1 1 1
3 WW2 CIIV	1 4.29.22	
9 FS10e11 C1 1	1 4.28.22	111
5 FS 16012' CII 1	1 4.28.22	1 1 1
4 FS17011 C11 1	V 4-29-22	
7 FS 18011 CII V	1.28.22	V
8 FS 19@8' CII V	1 4-29-22	V V V
9 FS 20e7 CI V	1	111
10 FS21e7' CII V		
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service. In no event shall Cardinal be fiable for incidental or consequental damages, including without limitation, business inte affiliates or successors exising out of or related to the performance of services hereunder by Cardinal, regardless of whether e	h claim is based upon any of the above stated reasons or otherwis	ie .
Relinquished By: Date: Received By: Time: US Received By:	Phone Re- Fax Resul REMARKS	t: Yes No Add'l Fax #:
Time:	Please el	mail results and copy of CoC to pm@etechenv.com.
Delivered By: (Circle One) 11.50 C D.50 Sample Cool II Sampler - UPS - Bus - Other: 11.00 #113 No	act (Initials)	
EOPM 006	Avarbat abanesa Diseas for written a	homes to 575 202 2470

Revision 1.0

Released to Imaging: 6/9/2023 9:01:08 AM

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2.+2

RDINAL LABORATORIES	No	Kush	
101 East Mariand, Hobbs, NM 88240			

Company Name	• •								814	LTO						ANA	LYSI	SR	EQUE	ST			
Project Manage	r. Lance Crenshaw						P.O.																
Address: 261	7 W Marland						Con	npany	y Me	wbove	Ae												
City: Hobbs	State: NM	Zip	o: 88	3240			Attn	: Rol	bice	Runel	3						1						
Phone #: (575	5) 264-9884 Fax #:						Add	ress:	480	Runel	Port Blad	1											
Project #:) 5	O 66 Project Ov	mer: R	1	· R.		,	City	:Ho	عطط		a de la companya de l	1				1		1		1 1			
Project Name: (This gas 9-8 WOHE !	00 (0001	IH	4.01	-				Zip: 882	40		2	18									
Project Location	Chicago 9-8 WOHE) Mewbourne Dil Com	2	0.7	111				ne #:		-ip 00	10	Chloride	TPH (8015M)	BTEX (8021B)									
Sampler Name:	Eric Mojica	PAN	7				Fax					욽	E	×				1					
FOR LAB USE ONLY	Chiefibles	T	T	1	MAT	RIX		PRESE	ERV.	SAMPLI	NG	1	1	HE BT						1 1			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	OTHER:	ACID/BASE:		DATE	TIME												
U	FS 22e8'	C	1		1			1		4.29.22		V	1	1									
12	FS23@7	C	1		1			1		/		1	V	1									
13	FS 24e7	C	-	1	1	1		1		>		V	1	1		-	-						L
14	FS25e7'	C	-		1			1		/		/	1	1	_	-	-	-	-				L
15	FS abe 7	C	-		1	-	1	1		>		1	V	1	_	-	-	-	-				1
W	FS2707	C	+	1	1	+	\vdash	V	\vdash			V	1	1	-	-	+-	-	-		-		-
17	FS 28e7	C	11	+	1	+	++	1	+	_		/	1	1	-	-	+-	+	-	-	-		-
		-	+	-	++	+	++	+	+			-	-	-	-	+	-	-	-	\vdash	-	-	-
		-	1	++	++	+	++	-	\vdash			-	-	-	-	+-	-	+	-		-	-	+
LEASE NOTE: Liability an	d Damages. Cardinal's liability and client's exclusive remed	for any clai	im arisi	ing whethe	r based is	n contra	at or tort, s	half be fi	mited to	the amount paid	by the client for	the				_		_					L
nalyses. All claims includir prvice, in no event shall Ca	ng those for negligence and any other cause whateoever sh ardinal be liable for incidental or consequental damages, inc	ill be deem luding witho	ed welv	red unless letion, busi	made in s nees inter	writing a rruptions	nd receive , loss of u	ed by Can se, or los	rdinal wit as of prof	thin 30 days after the incurred by o	completion of the	he applica ries,	ble										
Relinquished By	g out of or related to the performance of services hereunder: Date:			ved B		uch clair	n is besed	upon an	y of the	above stated re-	Phone Re	se.	☐ Ye	s L	No	Add	Phone	#:					-
A- W	Date: 4-29-2		N	la	AV	20		0	,	Λ	Fax Resul		□ Ye	es [No	Add'l	Fax #:						_
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terriquisned by		R	ecei	veu B	γ.		1			0													
	Time:										Please e	mail r	esults	and	сору	of Co	Ctop	m@e	techen	v.com	J.		
D. II I D	(Circle One) 11.5%)C-	2.5	0	Co	mple (ntact			(Injtit	ED BY:					.,								
Delivered By:				-	, II	TALL		1															
Sampler - UPS	- Bus - Other:		2		Yes No	H Y	25	X	19														



May 10, 2022

JOEL LOWRY
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 05/03/22 16:13.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/03/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Tamara Oldaker

Applyand By MC

Project Location: MEWBOURNE - EDDY CO NM

ma/ka

Sample ID: EW 3 (H221851-01)

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	05/08/2022	ND	2.18	109	2.00	1.16	
Toluene*	<0.050	0.050	05/08/2022	ND	2.14	107	2.00	1.41	
Ethylbenzene*	<0.050	0.050	05/08/2022	ND	2.08	104	2.00	1.77	
Total Xylenes*	<0.150	0.150	05/08/2022	ND	6.43	107	6.00	1.22	
Total BTEX	<0.300	0.300	05/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2022	ND	198	98.8	200	5.89	
DRO >C10-C28*	<10.0	10.0	05/10/2022	ND	207	104	200	5.77	
EXT DRO >C28-C36	<10.0	10.0	05/10/2022	ND					
Surrogate: 1-Chlorooctane	92.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.4	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/03/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Project Number: 15066 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: WW 3 (H221851-02)

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	05/08/2022	ND	2.18	109	2.00	1.16	
Toluene*	<0.050	0.050	05/08/2022	ND	2.14	107	2.00	1.41	
Ethylbenzene*	<0.050	0.050	05/08/2022	ND	2.08	104	2.00	1.77	
Total Xylenes*	<0.150	0.150	05/08/2022	ND	6.43	107	6.00	1.22	
Total BTEX	<0.300	0.300	05/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	198	98.8	200	5.89	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	207	104	200	5.77	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	75.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	81.2	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 05/03/2022 Reported:

Sampling Date: 05/03/2022 05/10/2022 Sampling Type: Soil CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact

Project Name:

Sample Received By: Project Number: 15066 Tamara Oldaker

Applyzod By: MC\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 29 @ 7' (H221851-03)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2022	ND	2.18	109	2.00	1.16	
Toluene*	<0.050	0.050	05/08/2022	ND	2.14	107	2.00	1.41	
Ethylbenzene*	<0.050	0.050	05/08/2022	ND	2.08	104	2.00	1.77	
Total Xylenes*	<0.150	0.150	05/08/2022	ND	6.43	107	6.00	1.22	
Total BTEX	<0.300	0.300	05/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	198	98.8	200	5.89	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	207	104	200	5.77	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	82.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.4	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Applyzod By: MC\

05/03/2022

Sampling Date: 05/03/2022
Sampling Type: Soil

Reported: 05/10/2022 Project Name: 05/10/2022 CHICAGO 9-8 W0HE FEE COM 1

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

Project Number: 15066

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 30 @ 7' (H221851-04)

Received:

RTFY 8021R

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050								Quao.
10.030	0.050	05/08/2022	ND	2.18	109	2.00	1.16	
<0.050	0.050	05/08/2022	ND	2.14	107	2.00	1.41	
<0.050	0.050	05/08/2022	ND	2.08	104	2.00	1.77	
<0.150	0.150	05/08/2022	ND	6.43	107	6.00	1.22	
<0.300	0.300	05/08/2022	ND					
99.6	% 69.9-14	0						
mg/	kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
352	16.0	05/06/2022	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	05/06/2022	ND	198	98.8	200	5.89	
<10.0	10.0	05/06/2022	ND	207	104	200	5.77	
<10.0	10.0	05/06/2022	ND					
78.7	% 66.9-13	6						
	Result 352 mg/ Result <10.0 <10.0	352 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0	Result Reporting Limit Analyzed 352 16.0 05/06/2022 mg/kg Analyze Result Reporting Limit Analyzed <10.0	Result Reporting Limit Analyzed Method Blank 352 16.0 05/06/2022 ND mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank <10.0	Result Reporting Limit Analyzed Method Blank BS 352 16.0 05/06/2022 ND 416 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS <10.0	Result Reporting Limit Analyzed Method Blank BS % Recovery 352 16.0 05/06/2022 ND 416 104 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 352 16.0 05/06/2022 ND 416 104 400 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 352 16.0 05/06/2022 ND 416 104 400 3.77 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <10.0

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Celeg D. Frene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/03/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Tamara Oldaker

Applyzod By: MC\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 31 @ 7' (H221851-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2022	ND	2.18	109	2.00	1.16	
Toluene*	<0.050	0.050	05/08/2022	ND	2.14	107	2.00	1.41	
Ethylbenzene*	<0.050	0.050	05/08/2022	ND	2.08	104	2.00	1.77	
Total Xylenes*	<0.150	0.150	05/08/2022	ND	6.43	107	6.00	1.22	
Total BTEX	<0.300	0.300	05/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	198	98.8	200	5.89	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	207	104	200	5.77	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	87.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.6	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/03/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Tamara Oldaker

Applyzod By: MC\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 32 @ 7' (H221851-06)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2022	ND	2.18	109	2.00	1.16	
Toluene*	<0.050	0.050	05/08/2022	ND	2.14	107	2.00	1.41	
Ethylbenzene*	<0.050	0.050	05/08/2022	ND	2.08	104	2.00	1.77	
Total Xylenes*	<0.150	0.150	05/08/2022	ND	6.43	107	6.00	1.22	
Total BTEX	<0.300	0.300	05/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	220	110	200	8.45	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	209	105	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	89.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.5	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/03/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Tamara Oldaker

Applyzod By: MC\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 33 @ 7' (H221851-07)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2022	ND	2.13	106	2.00	2.91	
Toluene*	<0.050	0.050	05/05/2022	ND	2.12	106	2.00	2.80	
Ethylbenzene*	<0.050	0.050	05/05/2022	ND	2.08	104	2.00	3.06	
Total Xylenes*	<0.150	0.150	05/05/2022	ND	6.42	107	6.00	3.34	
Total BTEX	<0.300	0.300	05/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	220	110	200	8.45	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	209	105	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	91.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.6	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/03/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Tamara Oldaker

Applyzod By: MC\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 34 @ 7' (H221851-08)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.26	113	2.00	10.6	
Toluene*	<0.050	0.050	05/06/2022	ND	2.23	112	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.18	109	2.00	10.7	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.72	112	6.00	9.79	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	220	110	200	8.45	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	209	105	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	91.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.3	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/03/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: 15066 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 35 @ 7' (H221851-09)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.26	113	2.00	10.6	
Toluene*	<0.050	0.050	05/06/2022	ND	2.23	112	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.18	109	2.00	10.7	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.72	112	6.00	9.79	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	220	110	200	8.45	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	209	105	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	85.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.4	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/03/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 15066 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 36 @ 7' (H221851-10)

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	05/06/2022	ND	2.26	113	2.00	10.6	
Toluene*	<0.050	0.050	05/06/2022	ND	2.23	112	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.18	109	2.00	10.7	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.72	112	6.00	9.79	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	05/06/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	220	110	200	8.45	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	209	105	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	81.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	81.9	% 59.5-14	2						

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Notes and Definitions

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

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

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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	1.00		-		- A M	-		0.470

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

Company Name	: Etech Environmental & Safety Solu	tions, Inc.		BI	LL TO				ANALYSIS REQUEST
Project Manage	: Lance Crenshaw			P.O. #:					
Address: 261	7 W Marland			Company Mewborrne					
City: Hobbs	State: NM	Zip: 88240		Attn: Robb,					
Phone #: (575	5) 264-9884 Fax #:		Address:48		SM)				
Project *: 5066 Project Owner: Robbie Runcly Project Name: Chicago 9-8 WOHE Fee Com IH Project Location: Mewbourne Oil Company Sampler Name: Eric Mojica FORLAB USE ONLY MATRIX			1/2	City: Hobb		S			
				State: NM		Zip: 88240		BTEX (8021B)	
Project Location	"Membaucae Oil Came	a u		Phone #:		Chloride	IPH (8015M)	(80	
Sampler Name:	Eric Moica	7		Fax#:		흥	I	X	
FOR LAB USE ONLY		M	ATRIX	PRESERV	SAMPLING	1	1	E	
Lab I.D. H221851	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER	SOIL	OTHER: ACID/BASE: ICE / COOL	DATE TIME				
1	EW3	CIII	/	√	5.3.22	1	V	1	
Z	WW3	CII	/	1		1	V	1	
3	FS 2907'	CI	1	1		1	1	1	
4	FS30e7	c		1		1	1	1	
5	FS 3107	CII	/	V		1	1	1	
6	FS 32e7'	CI	/	1		1	/	1	
7	FS 33e7'	CI		V		V	/	/	
8	FS34e7	CI	/	1		1	/	1	
9	FS35e7	CIII	/	1		V	V	1	
10	d Damages. Cardinal's liability and client's exclusive remedy for a	C	ed in contract of	v but shall be limited	to the amount paid by the client (or the	V	V	
analyses. All claims including	g those for negligence and any other cause whatsoever shall be utined to fiable for incidental or consequental damages, including	leamed waived unless men	o in writing and	received by Cardinal	vilhin 30 days after completion of	the applica	hile		
	g out of or related to the performance of services hereunder by C	ardinal, regardless of wheth			e above stated reasons or other	MISO.			LA LAU DI
Relinquished By	Date: 5.3.22 Time: 13	Received By:	MA	Mala	Phone R Fax Resi REMARK	ult:	☐ Ye		
Relinquished By	: Date:	Received By:	- VI	A CONTRACTOR OF THE PARTY OF TH					
	Time:				Di-				
Delivered By: Sampler - UPS	6.00	Cool	le Condition	(Init	Please Please	email i	esults	and cop	py of CoC to pm@etechenv.com.

FORM-006 Revision 1.0

Received by OCD: 2/7/2023 7:32:21 AM

Page 13 of 13

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



May 11, 2022

JOEL LOWRY
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 05/05/22 15:38.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND

HOBBS NM, 88240

Fax To:

Received: 05/05/2022 Sampling Date: 05/05/2022

Reported: 05/11/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: EW 2 A (H221909-01)

Chloride, SM4500Cl-B mg/kg Analyzed By: GM Reporting Limit Analyzed Method Blank BS % Recovery True Value OC RPD Oualifier Analyte Result Chloride 352 16.0 05/10/2022 ND 416 104 400 0.00

Sample ID: WW 2 A (H221909-02)

Chloride, SM4500Cl-B mg/kg Analyzed By: GM Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 320 16.0 05/10/2022 ND 416 104 400 0.00

Sample ID: FS 17 @ 19' (H221909-03)

Chloride, SM4500Cl-B Analyzed By: GM Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 448 16.0 05/10/2022 ND 400 0.00 416 104

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 05/05/2022 Sampling Date: 05/05/2022 Reported: 05/11/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: EW 4 (H221909-04)

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	05/10/2022	ND	2.05	103	2.00	0.697	
Toluene*	<0.050	0.050	05/10/2022	ND	2.03	101	2.00	0.736	
Ethylbenzene*	<0.050	0.050	05/10/2022	ND	1.92	95.8	2.00	1.15	
Total Xylenes*	<0.150	0.150	05/10/2022	ND	6.01	100	6.00	2.03	
Total BTEX	<0.300	0.300	05/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/10/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2022	ND	191	95.7	200	3.78	
DRO >C10-C28*	<10.0	10.0	05/10/2022	ND	199	99.6	200	6.13	
EXT DRO >C28-C36	<10.0	10.0	05/10/2022	ND					
Surrogate: 1-Chlorooctane	81.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.2	% 59.5-14	22						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/05/2022 Sampling Date: 05/05/2022

Reported: 05/11/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: WW 4 (H221909-05)

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	05/10/2022	ND	2.05	103	2.00	0.697	
Toluene*	<0.050	0.050	05/10/2022	ND	2.03	101	2.00	0.736	
Ethylbenzene*	<0.050	0.050	05/10/2022	ND	1.92	95.8	2.00	1.15	
Total Xylenes*	<0.150	0.150	05/10/2022	ND	6.01	100	6.00	2.03	
Total BTEX	<0.300	0.300	05/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/10/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2022	ND	191	95.7	200	3.78	
DRO >C10-C28*	<10.0	10.0	05/10/2022	ND	199	99.6	200	6.13	
EXT DRO >C28-C36	<10.0	10.0	05/10/2022	ND					
Surrogate: 1-Chlorooctane	85.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.9	% 59.5-14	22						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/05/2022 Sampling Date: 05/04/2022

Reported: 05/11/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Analyzed By: MS/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 37 @ 7' (H221909-06)

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	05/10/2022	ND	2.05	103	2.00	0.697	
Toluene*	<0.050	0.050	05/10/2022	ND	2.03	101	2.00	0.736	
Ethylbenzene*	<0.050	0.050	05/10/2022	ND	1.92	95.8	2.00	1.15	
Total Xylenes*	<0.150	0.150	05/10/2022	ND	6.01	100	6.00	2.03	
Total BTEX	<0.300	0.300	05/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/10/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2022	ND	191	95.7	200	3.78	
DRO >C10-C28*	<10.0	10.0	05/10/2022	ND	199	99.6	200	6.13	
EXT DRO >C28-C36	<10.0	10.0	05/10/2022	ND					
Surrogate: 1-Chlorooctane	73.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.1	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/05/2022 Sampling Date: 05/04/2022

Reported: 05/11/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Analyzed By: MS/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 38 @ 7' (H221909-07)

BTEX 8021B

	9,	9	7	7: : : : 0					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2022	ND	2.05	103	2.00	0.697	
Toluene*	<0.050	0.050	05/10/2022	ND	2.03	101	2.00	0.736	
Ethylbenzene*	<0.050	0.050	05/10/2022	ND	1.92	95.8	2.00	1.15	
Total Xylenes*	<0.150	0.150	05/10/2022	ND	6.01	100	6.00	2.03	
Total BTEX	<0.300	0.300	05/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	05/10/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2022	ND	191	95.7	200	3.78	
DRO >C10-C28*	<10.0	10.0	05/10/2022	ND	199	99.6	200	6.13	
EXT DRO >C28-C36	<10.0	10.0	05/10/2022	ND					
Surrogate: 1-Chlorooctane	80.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.1	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/05/2022 Sampling Date: 05/04/2022

Reported: 05/11/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 39 @ 7' (H221909-08)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2022	ND	2.05	103	2.00	0.697	
Toluene*	<0.050	0.050	05/10/2022	ND	2.03	101	2.00	0.736	
Ethylbenzene*	<0.050	0.050	05/10/2022	ND	1.92	95.8	2.00	1.15	
Total Xylenes*	<0.150	0.150	05/10/2022	ND	6.01	100	6.00	2.03	
Total BTEX	<0.300	0.300	05/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	05/10/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2022	ND	191	95.7	200	3.78	
DRO >C10-C28*	<10.0	10.0	05/10/2022	ND	199	99.6	200	6.13	
EXT DRO >C28-C36	<10.0	10.0	05/10/2022	ND					
Surrogate: 1-Chlorooctane	82.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.2	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/05/2022 Sampling Date: 05/04/2022

Reported: 05/11/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Analyzed By: MS/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 40 @ 7' (H221909-09)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	a by. 1-15/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2022	ND	2.05	103	2.00	0.697	
Toluene*	<0.050	0.050	05/10/2022	ND	2.03	101	2.00	0.736	
Ethylbenzene*	<0.050	0.050	05/10/2022	ND	1.92	95.8	2.00	1.15	
Total Xylenes*	<0.150	0.150	05/10/2022	ND	6.01	100	6.00	2.03	
Total BTEX	<0.300	0.300	05/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	05/10/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2022	ND	191	95.7	200	3.78	
DRO >C10-C28*	<10.0	10.0	05/10/2022	ND	199	99.6	200	6.13	
EXT DRO >C28-C36	<10.0	10.0	05/10/2022	ND					
Surrogate: 1-Chlorooctane	81.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.2	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 05/05/2022

Sampling Date: 05/04/2022

Reported: Project Name: 05/11/2022

Sampling Type: Soil

CHICAGO 9-8 W0HE FEE COM 1

Sampling Condition: Cool & Intact

Project Number:

15066

Sample Received By:

Shalyn Rodriguez

Project Location:

MEWBOURNE - EDDY CO NM

Sample ID: FS 41 @ 7' (H221909-10)

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	05/10/2022	ND	2.05	103	2.00	0.697	
Toluene*	<0.050	0.050	05/10/2022	ND	2.03	101	2.00	0.736	
Ethylbenzene*	<0.050	0.050	05/10/2022	ND	1.92	95.8	2.00	1.15	
Total Xylenes*	<0.150	0.150	05/10/2022	ND	6.01	100	6.00	2.03	
Total BTEX	<0.300	0.300	05/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	05/10/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2022	ND	191	95.7	200	3.78	
DRO >C10-C28*	<10.0	10.0	05/10/2022	ND	199	99.6	200	6.13	
EXT DRO >C28-C36	<10.0	10.0	05/10/2022	ND					
Surrogate: 1-Chlorooctane	85.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.9	% 59.5-14	2						

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*=Accredited Analyte

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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

No Rush

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	: Etech Environmental & Safety Solu	ions	, Inc).						B	IL	LTO								ANA	LYS	IS I	REC	UE	ST				
Project Manage	r: Lance Crenshaw						_	P.O									T	T				T	T				T	T	
Address: 261	7 W Marland							Cor	npa	ny /	1e	wbour	ne																
City: Hobbs	State: NM	Zip	: 88	240				Attr	1: 8	abb	ie	Runn	2 3																- 1
Phone #: (57	5) 264-9884 Fax #:							Add	ires	s:4	301	Busines	ul'sk	Blud															- 1
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Project Location	n: May laying Oil Comp.	**							one						orid	801		08											- 1
Sampler Name:	Ecic Marica	7					_	Fax							Chloride	TPH (8015M)	li	¥											- 1
FOR LAB USE ONLY					M/	TRI	X		PRE	SER	V.	SAMPL	ING			F		20											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	Oll	SLUDGE	OTHER:	ACID/BASE:	ICE / 600t	OINEK:	DATE	1	TIME															
1	EWZA	C	1		1					1		5-5-22			1		T					T							
2	WWZA	C	1		V	1				1		1			1														
2011	FS 17e 19	C	1		V					1	I	/			1							I	T						
4	EW4	C	1		V	1				1		_			1	1	1												
5	WW4	C	1		V	-				1	k				1	1		/											
Q	F\$37e7'	C	1		V	-	1		,	/	1	5.4.22	_		1	1	1	/				1	1					1	
7	FS38e7	C	1		V	1			-	V	1		1		1	1	1	/			-	+	4				-	+	_
8	FS 39 e 7	C	1		1	-	+	-	+	1	+	\rightarrow	+		/	/	1	1	_		-	+	-	-		_	-	+	-
9	FS 4007	C	1		1	/	-		-	/	+	\leftarrow	\vdash	_	/	1	+	/			-	+	+	-	_	_	-	+	\dashv
PI FASE NOTE: Linbilly as	FS 4 e7' d Damages. Cardinal's liability and client's exclusive remedy for a	ny clain	n acisis	as whet	her beer	d in c	ontract o	or tort,	shall b	e limite	ed to t	the amount pa	id by th	e client for	the	/		V	_				_						\dashv
analyses. All claims includi	ng those for negligence and any other cause whatsoever shall be wellent be liable for incidental or consequented descripes, including	withou	d wade	ed unio	os mede	in well	ting and	Lecepa	ed by			in 30 days all is incurred by			e application.	ble													- 1
Relinguished By	ng out of or related to the performance of services hereunder by C	ordinal I Bo	regar	red l	whethe	r suct	n claim is	s base	d upon	any of	the a	above stated re	easons	or otherwis	e.	O Y	04		0	Add'I	Phon	w #·	_	-		_		_	\dashv
	15-5-22	-	4	0		10	in		,	0	1	\wedge	Fax	x Resul	t:	DY		O N		Add'l									
Lin Myr. Relinquished By	7: Date: 5-5-22 Time: 538		8	M	20	1K	10	n	1		V	/	KE	MARKS	5:														
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	Time:												Ple	ease e	mail s	ocult.	6 2	nd co	nv c	f Co	C to	nm@	hater	han	v con				
Delivered By: Sampler - UPS	(Circle One) 4.3° d.0.5 - Bus - Other: 3.8° #11	03		S	ample ool Ye	e Co	ondition act	on	<		CKE	D BY:	16	ase e	mall f	esuit	o d	nu co	hy c	1 00	U (U)	ыщ	e (e(a rei i	v.CO(T	1.			

FORM-006 Revision 1.0

Received by OCD: 2/7/2023 7:32:21 AM



May 12, 2022

JOEL LOWRY
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 05/09/22 15:56.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Applyand By MC

Received: 05/09/2022 Reported: 05/12/2022

CHICAGO 9-8 WOHE FEE COM 1

Project Name: CHICA Project Number: 15066

Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 05/09/2022

Sampling Type: Soil

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

Sample ID: FS 42 @ 7' (H221952-01)

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	05/11/2022	ND	2.12	106	2.00	3.86	
Toluene*	<0.050	0.050	05/11/2022	ND	2.11	105	2.00	3.76	
Ethylbenzene*	<0.050	0.050	05/11/2022	ND	2.06	103	2.00	3.55	
Total Xylenes*	<0.150	0.150	05/11/2022	ND	6.38	106	6.00	3.03	
Total BTEX	<0.300	0.300	05/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	05/10/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2022	ND	190	94.8	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/11/2022	ND	203	101	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	05/11/2022	ND					
Surrogate: 1-Chlorooctane	100	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	119	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/09/2022 Sampling Date: 05/09/2022

Reported: 05/12/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: 15066 Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 43 @ 7' (H221952-02)

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	05/11/2022	ND	2.12	106	2.00	3.86	
Toluene*	<0.050	0.050	05/11/2022	ND	2.11	105	2.00	3.76	
Ethylbenzene*	<0.050	0.050	05/11/2022	ND	2.06	103	2.00	3.55	
Total Xylenes*	< 0.150	0.150	05/11/2022	ND	6.38	106	6.00	3.03	
Total BTEX	<0.300	0.300	05/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	05/10/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2022	ND	190	94.8	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/11/2022	ND	203	101	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	05/11/2022	ND					
Surrogate: 1-Chlorooctane	109 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	127 %	6 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/09/2022 Sampling Date: 05/09/2022

Reported: 05/12/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 44 @ 7' (H221952-03)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2022	ND	2.12	106	2.00	3.86	
Toluene*	<0.050	0.050	05/11/2022	ND	2.11	105	2.00	3.76	
Ethylbenzene*	<0.050	0.050	05/11/2022	ND	2.06	103	2.00	3.55	
Total Xylenes*	<0.150	0.150	05/11/2022	ND	6.38	106	6.00	3.03	
Total BTEX	<0.300	0.300	05/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/10/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2022	ND	199	99.4	200	2.52	
DRO >C10-C28*	<10.0	10.0	05/11/2022	ND	179	89.3	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	05/11/2022	ND					
Surrogate: 1-Chlorooctane	89.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/09/2022 Sampling Date: 05/09/2022

Reported: 05/12/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 45 @ 7' (H221952-04)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2022	ND	2.12	106	2.00	3.86	
Toluene*	<0.050	0.050	05/11/2022	ND	2.11	105	2.00	3.76	
Ethylbenzene*	<0.050	0.050	05/11/2022	ND	2.06	103	2.00	3.55	
Total Xylenes*	<0.150	0.150	05/11/2022	ND	6.38	106	6.00	3.03	
Total BTEX	<0.300	0.300	05/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	05/10/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2022	ND	199	99.4	200	2.52	
DRO >C10-C28*	<10.0	10.0	05/11/2022	ND	179	89.3	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	05/11/2022	ND					
Surrogate: 1-Chlorooctane	91.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.6	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/09/2022 Sampling Date: 05/09/2022

Reported: 05/12/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 46 @ 7' (H221952-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2022	ND	2.12	106	2.00	3.86	
Toluene*	<0.050	0.050	05/11/2022	ND	2.11	105	2.00	3.76	
Ethylbenzene*	<0.050	0.050	05/11/2022	ND	2.06	103	2.00	3.55	
Total Xylenes*	<0.150	0.150	05/11/2022	ND	6.38	106	6.00	3.03	
Total BTEX	<0.300	0.300	05/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	05/10/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2022	ND	199	99.4	200	2.52	
DRO >C10-C28*	<10.0	10.0	05/11/2022	ND	179	89.3	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	05/11/2022	ND					
Surrogate: 1-Chlorooctane	96.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	101	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/09/2022 Sampling Date: 05/09/2022

Reported: 05/12/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 47 @ 7' (H221952-06)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2022	ND	2.12	106	2.00	3.86	
Toluene*	<0.050	0.050	05/11/2022	ND	2.11	105	2.00	3.76	
Ethylbenzene*	<0.050	0.050	05/11/2022	ND	2.06	103	2.00	3.55	
Total Xylenes*	<0.150	0.150	05/11/2022	ND	6.38	106	6.00	3.03	
Total BTEX	<0.300	0.300	05/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	05/10/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2022	ND	199	99.4	200	2.52	
DRO >C10-C28*	<10.0	10.0	05/11/2022	ND	179	89.3	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	05/11/2022	ND					
Surrogate: 1-Chlorooctane	94.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/09/2022 Sampling Date: 05/09/2022

Reported: 05/12/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 48 @ 7' (H221952-07)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2022	ND	2.12	106	2.00	3.86	
Toluene*	<0.050	0.050	05/11/2022	ND	2.11	105	2.00	3.76	
Ethylbenzene*	<0.050	0.050	05/11/2022	ND	2.06	103	2.00	3.55	
Total Xylenes*	<0.150	0.150	05/11/2022	ND	6.38	106	6.00	3.03	
Total BTEX	<0.300	0.300	05/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/10/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2022	ND	199	99.4	200	2.52	
DRO >C10-C28*	<10.0	10.0	05/11/2022	ND	179	89.3	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	05/11/2022	ND					
Surrogate: 1-Chlorooctane	94.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.2	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/09/2022 Sampling Date: 05/09/2022

Reported: 05/12/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 49 @ 7' (H221952-08)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2022	ND	2.04	102	2.00	1.41	
Toluene*	<0.050	0.050	05/10/2022	ND	2.01	101	2.00	1.46	
Ethylbenzene*	<0.050	0.050	05/10/2022	ND	1.90	95.1	2.00	1.76	
Total Xylenes*	<0.150	0.150	05/10/2022	ND	5.91	98.5	6.00	1.95	
Total BTEX	<0.300	0.300	05/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/10/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2022	ND	199	99.4	200	2.52	
DRO >C10-C28*	<10.0	10.0	05/11/2022	ND	179	89.3	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	05/11/2022	ND					
Surrogate: 1-Chlorooctane	91.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.5	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/09/2022 Sampling Date: 05/09/2022

Reported: 05/12/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 50 @ 7' (H221952-09)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2022	ND	2.04	102	2.00	1.41	
Toluene*	<0.050	0.050	05/10/2022	ND	2.01	101	2.00	1.46	
Ethylbenzene*	<0.050	0.050	05/10/2022	ND	1.90	95.1	2.00	1.76	
Total Xylenes*	<0.150	0.150	05/10/2022	ND	5.91	98.5	6.00	1.95	
Total BTEX	<0.300	0.300	05/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	05/10/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2022	ND	199	99.4	200	2.52	
DRO >C10-C28*	<10.0	10.0	05/11/2022	ND	179	89.3	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	05/11/2022	ND					
Surrogate: 1-Chlorooctane	80.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	84.8	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/09/2022 Sampling Date: 05/09/2022

Reported: 05/12/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Analyzed By: MS/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 51 @ 7' (H221952-10)

BTEX 8021B

DIEX GOZID	iiig/	, kg	Allulyzo	a by. 1-15/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2022	ND	2.04	102	2.00	1.41	
Toluene*	<0.050	0.050	05/10/2022	ND	2.01	101	2.00	1.46	
Ethylbenzene*	<0.050	0.050	05/10/2022	ND	1.90	95.1	2.00	1.76	
Total Xylenes*	<0.150	0.150	05/10/2022	ND	5.91	98.5	6.00	1.95	
Total BTEX	<0.300	0.300	05/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/10/2022	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	05/11/2022	ND	199	99.4	200	2.52	
DRO >C10-C28*	<10.0	10.0	05/11/2022	ND	179	89.3	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	05/11/2022	ND					
Surrogate: 1-Chlorooctane	83.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	86.5	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

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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

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Celey D. Keine

No Rush

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RDINAL LABORATORIES

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

Company Name	: Etech Environmenta		_	, Inc					B		B	ILL	TO						ANA	LYS	IS R	EQU	EST			
Project Manage	r. Lance Creps	haw							P.O	. #:								T	T	T	T					
Address: 261	7 W Marland								Con	npa	ny /	Vei	who	1/1.2	1											
City: Hobbs		State: NM	Zip	882	240				Attr	: K	14.	"e /	Punns	1.												
	5) 264-9884	Fax #:							Add	ires	s.48	0/8.	Sines	P. KBI.									İ			
Project #: 5	066	Project Owner	· R.	1);	e R	VAAP	1,		City	: H	1.66	5					_									
Project Name:	Chicago 9-8 L	JOHE Fe	2 (ON	1				Stat	te: /	IM	Zip	:882	40		€ W	118					1				
Project Location	Obb Chicago 9-8 L Mewborne	Oil Comp	an	u						ne i					Chloride	TPH (8015M)	BTEX (8021B)									
Sampler Name:	Eric Mojica	1		1					Fax	#:					ਤ	Ĭ	X									
FOR LAB USE ONLY						MA	TRU	X		PRE	SERV	/	SAMPL	NG	1	=	PT									
Lab I.D.	Sample I.	D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:		DATE	TIME												
1	F542e7		C	1		V				,	/	5.	9-22		1	~	1									
2	FS 43e7		C	1		V					1				1	1	1									
3	FS 44e7		C	1		V				1	1	-		1	V	1	1	1	-		_			_		
4	FS 4507		C	1		V	-		_	_	1		>		1	/	1	+	+	+	+		-	-		
5	FS 46e7		C	1	1	1	-		4	1	/	K			V	/	1	+	+-	+	+	+	+-	_		
y	FS 4707		C	1	-	V	-		-	У	-	1	>		V	V	1	+	+-	+-	+	+-	+	-		
	FS 48e7		C	Ц	4	V	-	\square	-	1	4	1			V	1	1	+	-	+	+	+	+	-		\vdash
8	FS 49e7'		C	4	-	V	-	-	-	7	1	-	\Rightarrow		V	/	V	+	+	+	+	+-	+	-		-
9	FS 50e7'		C	-		V	+	-	+	٧	/	K		-	1	1	1	+	+	+	+	+	+	-		-
PLEASE NOTE: Liability and	FS 5 67' Damages, Cardinal's liability and clier	nt's exclusive remedy for an	_	arisin	g wheth	er base	d in co	ontract o	r tort,	shall be	Imhe	to the	amount pai	d by the client for	the	V	1			_	1		_	_		
carries. In an asset shall Co	ng those for negligence and any other countries and any other countries and any other countries.	mental demones, including	withou	t See Per	lion, but	deces in	incresion.	done, lo	on of u	100 .000	loss of s	profits in	currend by o	stant, its exhabition	des.	ble										
En- Ming Relinquished By	<i>f</i> :	Time: 1550	Re	ceiv	ed B	y	Ü	Claim is	N	d upon	any of t	the above	ve stated re	Phone Re Fax Resu REMARK	R: S:	Ye	es I	No No	Add	T Phon	k:	atacha	any cor	n		
Delivered By: Sampler - UPS	(Circle One) 5.76	1C-0.5	c 13		C	ool Yes	Inta	ct				KED (tials)		i icase e	illali f	Coult	3 CITO	СОР	, 01 00			CIGOR			ethica.	

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

Released to Imaging: 6/9/2023 9:01:08 AM

Page 13 of 13



May 18, 2022

JOEL LOWRY
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 05/13/22 16:33.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 05/13/2022

Sampling Date: 05/13/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1

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

Project Number: 15066

Project Location: MEWBOURNE - EDDY CO NM

05/18/2022

Sample ID: FS 63 @ 10' (H222058-01)

Reported:

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	05/17/2022	ND	1.97	98.6	2.00	7.84	
Toluene*	<0.050	0.050	05/17/2022	ND	1.94	97.0	2.00	8.15	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.91	95.4	2.00	7.74	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	5.89	98.1	6.00	7.22	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	192	96.0	200	0.297	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	198	99.2	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	87.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.0	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/13/2022 Sampling Date: 05/13/2022

Reported: 05/18/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 64 @ 4' (H222058-02)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2022	ND	1.97	98.6	2.00	7.84	
Toluene*	<0.050	0.050	05/17/2022	ND	1.94	97.0	2.00	8.15	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.91	95.4	2.00	7.74	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	5.89	98.1	6.00	7.22	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	192	96.0	200	0.297	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	198	99.2	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	89.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	102	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/13/2022 Sampling Date: 05/13/2022

Reported: 05/18/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 65 @ 4' (H222058-03)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2022	ND	1.97	98.6	2.00	7.84	
Toluene*	<0.050	0.050	05/17/2022	ND	1.94	97.0	2.00	8.15	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.91	95.4	2.00	7.74	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	5.89	98.1	6.00	7.22	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	192	96.0	200	0.297	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	198	99.2	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	85.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.0	% 59.5-14	2						

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Celeg D. Frene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/13/2022 Sampling Date: 05/13/2022

Reported: 05/18/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 66 @ 11' (H222058-04)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2022	ND	1.97	98.6	2.00	7.84	
Toluene*	<0.050	0.050	05/17/2022	ND	1.94	97.0	2.00	8.15	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.91	95.4	2.00	7.74	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	5.89	98.1	6.00	7.22	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/18/2022	ND	184	92.0	200	1.55	
DRO >C10-C28*	<10.0	10.0	05/18/2022	ND	196	98.2	200	0.308	
EXT DRO >C28-C36	<10.0	10.0	05/18/2022	ND					
Surrogate: 1-Chlorooctane	91.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.8	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/13/2022 Sampling Date: 05/13/2022

Reported: 05/18/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 67 @ 4' (H222058-05)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2022	ND	1.97	98.6	2.00	7.84	
Toluene*	<0.050	0.050	05/17/2022	ND	1.94	97.0	2.00	8.15	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.91	95.4	2.00	7.74	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	5.89	98.1	6.00	7.22	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	184	92.0	200	1.55	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	196	98.2	200	0.308	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	74.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.7	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/13/2022 Sampling Date: 05/13/2022

Reported: 05/18/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 68 @ 5' (H222058-06)

RTFY 8021R

B1EX 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	05/17/2022	ND	1.97	98.6	2.00	7.84	
Toluene*	<0.050	0.050	05/17/2022	ND	1.94	97.0	2.00	8.15	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.91	95.4	2.00	7.74	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	5.89	98.1	6.00	7.22	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 % 69.9-14		0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	184	92.0	200	1.55	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	196	98.2	200	0.308	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	70.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	75.2	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/13/2022 Sampling Date: 05/13/2022

Reported: 05/18/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 69 @ 6' (H222058-07)

RTFY 8021R

BIEX 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	05/17/2022	ND	1.97	98.6	2.00	7.84	
Toluene*	<0.050	0.050	05/17/2022	ND	1.94	97.0	2.00	8.15	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.91	95.4	2.00	7.74	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	5.89	98.1	6.00	7.22	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	184	92.0	200	1.55	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	196	98.2	200	0.308	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	68.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	73.0	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/13/2022 Sampling Date: 05/13/2022

Reported: 05/18/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 70 @ 6' (H222058-08)

RTFY 8021R

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	05/17/2022	ND	1.97	98.6	2.00	7.84	
Toluene*	<0.050	0.050	05/17/2022	ND	1.94	97.0	2.00	8.15	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.91	95.4	2.00	7.74	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	5.89	98.1	6.00	7.22	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	184	92.0	200	1.55	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	196	98.2	200	0.308	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	70.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	76.1	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 05/13/2022 Reported:

Sampling Date: 05/13/2022 05/18/2022 Sampling Type: CHICAGO 9-8 W0HE FEE COM 1

Project Name: Project Number: 15066

Project Location: MEWBOURNE - EDDY CO NM

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

Sample ID: EW 5 (H222058-09)

BTEX 8021B	mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2022	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	05/17/2022	ND	2.07	103	2.00	3.75	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	2.05	102	2.00	3.53	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	6.34	106	6.00	4.18	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	184	92.0	200	1.55	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	196	98.2	200	0.308	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	80.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	86.4	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/13/2022 Sampling Date: 05/13/2022

Reported: 05/18/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 15066 Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: WW 5 (H222058-10)

BTEX 8021B	mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2022	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	05/17/2022	ND	2.07	103	2.00	3.75	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	2.05	102	2.00	3.53	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	6.34	106	6.00	4.18	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	184	92.0	200	1.55	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	196	98.2	200	0.308	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	72.9 % 66.9-13		6						
Surrogate: 1-Chlorooctadecane	80.8	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions

JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/13/2022 Sampling Date: 05/13/2022

Reported: 05/18/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 35 @ 8' (H222058-11)

Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	05/17/2022	ND	416	104	400	0.00	

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/13/2022 Sampling Date: 05/13/2022

Reported: 05/18/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 54 @ 9' (H222058-12)

RTFY 8021R

BIEX 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	05/17/2022	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	05/17/2022	ND	2.07	103	2.00	3.75	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	2.05	102	2.00	3.53	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	6.34	106	6.00	4.18	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	184	92.0	200	1.55	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	196	98.2	200	0.308	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	79.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	86.2	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/13/2022 Sampling Date: 05/13/2022

Reported: 05/18/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 55 @ 9' (H222058-13)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2022	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	05/17/2022	ND	2.07	103	2.00	3.75	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	2.05	102	2.00	3.53	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	6.34	106	6.00	4.18	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	184	92.0	200	1.55	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	196	98.2	200	0.308	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	74.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	79.8	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/13/2022 Sampling Date: 05/13/2022

Reported: 05/18/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 56 @ 6.5' (H222058-14)

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	05/17/2022	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	05/17/2022	ND	2.07	103	2.00	3.75	
Ethylbenzene*	< 0.050	0.050	05/17/2022	ND	2.05	102	2.00	3.53	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	6.34	106	6.00	4.18	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	101 % 69.9-140							
Chloride, SM4500CI-B	/kg	Analyze	ed By: GM						
Analyte Re		Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	184	92.0	200	1.55	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	196	98.2	200	0.308	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	77.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	83.1	% 59.5-14	22						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/13/2022 Sampling Date: 05/13/2022

Reported: 05/18/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Analyzed By: MS\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 57 @ 6.5' (H222058-15)

BTEX 8021B

DILX GOZID	ilig/	, kg	Andryzo	a by. 145 (
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2022	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	05/17/2022	ND	2.07	103	2.00	3.75	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	2.05	102	2.00	3.53	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	6.34	106	6.00	4.18	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	oride, SM4500Cl-B mg/kg		Analyze	ed By: GM					
Analyte	Analyte Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	184	92.0	200	1.55	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	196	98.2	200	0.308	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	78.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.0	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/13/2022 Sampling Date: 05/13/2022

Reported: 05/18/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 58 @ 7' (H222058-16)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2022	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	05/17/2022	ND	2.07	103	2.00	3.75	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	2.05	102	2.00	3.53	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	6.34	106	6.00	4.18	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	184	92.0	200	1.55	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	196	98.2	200	0.308	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	79.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.9	% 59.5-14	2						

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Celeg & Freene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/13/2022 Sampling Date: 05/13/2022

Reported: 05/18/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 15066 Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 59 @ 7' (H222058-17)

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	05/17/2022	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	05/17/2022	ND	2.07	103	2.00	3.75	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	2.05	102	2.00	3.53	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	6.34	106	6.00	4.18	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID			0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	184	92.0	200	1.55	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	196	98.2	200	0.308	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	84.1 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.3 9	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/13/2022 Sampling Date: 05/13/2022

Reported: 05/18/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 15066 Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 60 @ 7.5' (H222058-18)

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	05/17/2022	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	05/17/2022	ND	2.07	103	2.00	3.75	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	2.05	102	2.00	3.53	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	6.34	106	6.00	4.18	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID			0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed Method Blank		BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	184	92.0	200	1.55	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	196	98.2	200	0.308	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	75.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	81.4	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/13/2022 Sampling Date: 05/13/2022

Reported: 05/18/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Analyzed By: MS\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 61 @ 10' (H222058-19)

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	05/17/2022	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	05/17/2022	ND	2.07	103	2.00	3.75	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	2.05	102	2.00	3.53	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	6.34	106	6.00	4.18	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	ride, SM4500Cl-B mg/kg		Analyze	ed By: GM					
Analyte	Analyte Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	184	92.0	200	1.55	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	196	98.2	200	0.308	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	79.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.3	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/13/2022 Sampling Date: 05/13/2022

Reported: 05/18/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 62 @ 10' (H222058-20)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2022	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	05/17/2022	ND	2.07	103	2.00	3.75	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	2.05	102	2.00	3.53	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	6.34	106	6.00	4.18	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	184	92.0	200	1.55	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	196	98.2	200	0.308	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	74.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.3	% 59.5-14	2						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

Released to Imaging: 6/9/2023 9:01:08 AM

RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 No Rush

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1.+2

Company Name: Etech Environmental & Safety Solutions, Inc.					BILL TO										ANA	LYS	IS F	REQU	EST									
Project Manage	r. Lance Cr	enshaw). #:								T					T	T	T			
Address: 261	7 W Marland								Сон	mpa	iny	Me	wbou	10	e													
City: Hobbs		State: NM	Zip	: 88	240				Attı	n: R	bb	ie	Run	1	7			1							1			
Phone #: (57	5) 264-9884	Fax #:							Add	dres	s:4	301	Bain		PkBlod	1			- 1						1			
Project #: \5	066	Project Owne	r: R	bh.	e 1	2	els		City	y: H	1	hs	19-11/2	.,,	1 11 11													
Project Name:	066 Chicago 9-81	JOHE For	Ca	m	IH	1 0/1							ip: 88	24	10		N		BTEX (8021B)									
Project Location	n: Me wbourne	0:1 Cama				_				one			- G D	- 1		E P	100		802									
Sampler Name:	Eric Mojic	5	1)—						(#:						Chloride	TPH (8015M)		X									
FOR LAB USE ONLY	-11071031		T	T		M	ATRI			PRE			SAMP	LIN	G	1	F		BIE									
Lab I.D.	Sample	I.D.	G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ACID/BASE:	CE / 600F	OTHER:	DATE		TIME													
1	FS 63 = 10		C	1			1		Ť		1		.13.2	2		J	1	1,	/				1					
2	FS6404		C	1		J					1			7		V	1	1	/								+	
3	FS 6504"		C	1		V				,	1	-	1	1		1	V		1									
9	FS 66e11'		C)		1				,	1		/	1		1	1	1	/									
5	FS 67e4		C	1			/				1		-	I		1	1	1	/									
7	FS 68e5		C	1		1				1	1			1		1	1	1	/									
7	FS 69e6		C	1		V	/				1		-	J		1	1	1	/									
8	FS 7006		C	1		V	1				1			1		1	1	1	/									
9	EW5		C	1		1				,	1		\	1		1	1	1	/									
10	WW 5 kir'⊅amages. Cardinal's liability and cl		C	1		V	1				1		/	1		1	1	1	/									
analyses All claims include service in no event shall C affiliates or successors arise Relinquished B C My Relinquished B	ng those for negligence and any other urdinal be liable for incidental or cone ng out of or releted to the performance.	r cause whatsoever shall be requested damages, including to of sentects herounder by Control of the control of	Re	d walve	ved	es made intrace i f whether By:	In write interrup er such	ing and fons, lo ctaim is	receive ses of u s based	und by (une, or d upon	Cardin loss of any o	and within of profits of the ab	30 days a incurred b	reaso	ompletion of th nt, its subsidier	e applications, a suit: t: 5;	ПΥ	es	ond co	lo	Add'I Add'I	Fax#		eteche	env.co	om.		
Delivered By:	(Circle One)	Time:	00	_	S	ampl	'mna	act		8		CKED		P	lease e	mail r	esult	s aı	nd co	ру с	of Co(c to p	m@e	eteche	env.co	om.		

No Rush

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2.+2

RDINAL LABORATORIES	1	0	1
101 East Marland, Hobbs, NM 88240			

Company Name	ompany Name: Etech Environmental & Safety Solutions, Inc.							BI	LL TO						ANA	YSI	SRI	EQUE	ST			
Project Manage	Lance Crens	haw				P.0	0. #:														T	
Address: 261				-		Co	mpa	Myn	ewbourn	9,												
City: Hobbs		State: NM	Zip:	882	240	Att	n: R	obbie	Runel	5								1				
Phone #: (575	5) 264-9884	Fax #: -				Ad	dres	s:48	O Buises	, PkBled												
Project #: \5(066	Project Owner	:Ri	1.0	Russel			obbs		- In b											-	
Project Name: (hice an 9-81	OHF FOR	C	220	IH	Sta	ate:	IM	Zip: 888	240		N	18)								- 1	
Project Location	:Ma .hae 0:	Comesa		0.11				#:			문	201	802						1 1			
Sampler Name:	Chicago 9-8 1 ::Membourne O Eric Mojica	11 -mpan	4			_	x #:				Chloride	TPH (8015M)	STEX (8021B)									
FOR LAB USE ONLY	- Horizon				MATRIX	-	_	SERV	SAMPL	ING		F	ВТІ				1					
Lab I.D.	Sample I.	D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL	OTHER:	ACID/BASE:	ICE / 999E	DATE	TIME												
11	FS3508'		C	1	J			1	5-13-22		1											
12	FS 5409'		C	1	J			1	1		1	1	1									
13 14	FS 5509		C	1	1			1			1	1	1									
14	FS 5606/2		C	1	1			1			1	1	1									
5	FS 570 61/2		C	1	1			1			1	1	1									
19	FS 58e 7		C	1				1			1	1	1									
17	FS 5907		C		1			1			V	1	1									
18	FS 60e 71/2		C	1	1			1			V	1	1								_	
20	FS61010		C	Ш	1	1		1			1	V	1	_			-			_	_	
	F S 6 2 @ 10 d Damages. Cardinal's liability and clier	ofe aucheius ramed, for as	C	Ш	J J	urt or too	shall !	√ limited		d by the client for	1	1	1									
analyses. All claims include	ng those for negligence and any other c ardinal be liable for incidental or conseq	ause whatsoever shall be o	eemed	walve	d unless made in writing :	and rece	lved by	Cardinal :	elthin 30 days all	r completion of th	he applicat	ble										
affiliates or successors arisis	ng out of or related to the performance	of services hereunder by C	ardinal,	reger	dlees of whether such cla	m is bas	ed upor	any of th	e above stated re	asons or otherwis	se.	D.W.		A1	10.4.40	DI	4					
Relinquished By	/-	Date: 5.13-22	Ke	cerv	red By:					Phone Re Fax Resul	lt:	□ Ye		No No	Add'I Add'I		#:					
li Illas	Ca.	Time:	3	7	wilio	1	e	in	1	REMARKS	S:											
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Delivered By: Sampler - UPS	(Circle One) - Bus - Other:	5.76 C-0		12	Sample Cond Cool Intact Yes Y				(ED BY:	Please e	maii r	esuits	s and d	сору	OT COC	to pi	m@e	tecner	iv.com			

FORM-006 Revision 1.0



May 18, 2022

HOBBS, NM 88240

JOEL LOWRY
Etech Environmental & Safety Solutions
2617 W MARLAND

RE: CHICAGO 9-8 W0HE FEE COM 1

Enclosed are the results of analyses for samples received by the laboratory on 05/16/22 16:18.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

05/16/2022 Sampling Date: 05/16/2022

Reported: 05/18/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Project Number: 15066 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 52 @ 19.5' (H222076-01)

Received:

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	05/17/2022	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	05/17/2022	ND	2.07	103	2.00	3.75	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	2.05	102	2.00	3.53	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	6.34	106	6.00	4.18	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	101 % 69.9-140							
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	194	96.8	200	1.97	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	184	91.9	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	78.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	78.3	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

 Received:
 05/16/2022
 Sampling Date:
 05/16/2022

 Reported:
 05/18/2022
 Sampling Type:
 Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 53 @ 19.5' (H222076-02)

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	05/17/2022	ND	2.10	105	2.00	3.25	
Toluene*	<0.050	0.050	05/17/2022	ND	2.07	103	2.00	3.75	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	2.05	102	2.00	3.53	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	6.34	106	6.00	4.18	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	194	96.8	200	1.97	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	184	91.9	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	80.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	79.8	% 59.5-14	12						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 05/16/2022

Sampling Date: 05/16/2022

Reported: Project Name: 05/18/2022 Sampling Type: Soil CHICAGO 9-8 W0HE FEE COM 1

Project Number: 15066 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 71 @ 4' (H222076-03)

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	05/17/2022	ND	2.03	102	2.00	1.96	
Toluene*	<0.050	0.050	05/17/2022	ND	2.03	101	2.00	1.81	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.93	96.6	2.00	1.50	
Total Xylenes*	< 0.150	0.150	05/17/2022	ND	6.01	100	6.00	1.15	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	194	96.8	200	1.97	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	184	91.9	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	79.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	79.1	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 05/16/2022 Reported:

05/18/2022 CHICAGO 9-8 W0HE FEE COM 1

Project Name: Project Number: 15066

Project Location: MEWBOURNE - EDDY CO NM Sampling Date: 05/16/2022

Sampling Type: Soil

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

Sample ID: FS 72 @ 5' (H222076-04)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2022	ND	2.03	102	2.00	1.96	
Toluene*	<0.050	0.050	05/17/2022	ND	2.03	101	2.00	1.81	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.93	96.6	2.00	1.50	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	6.01	100	6.00	1.15	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	194	96.8	200	1.97	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	184	91.9	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	95.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/16/2022 Sampling Date: 05/16/2022

Reported: 05/18/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 73 @ 4' (H222076-05)

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	05/17/2022	ND	2.03	102	2.00	1.96	
Toluene*	<0.050	0.050	05/17/2022	ND	2.03	101	2.00	1.81	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.93	96.6	2.00	1.50	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	6.01	100	6.00	1.15	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/17/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	194	96.8	200	1.97	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	184	91.9	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	78.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	77.2	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

05/16/2022 Sampling Date: 05/16/2022

Reported: 05/18/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 15066 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 74 @ 4' (H222076-06)

Received:

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	05/17/2022	ND	2.03	102	2.00	1.96	
Toluene*	<0.050	0.050	05/17/2022	ND	2.03	101	2.00	1.81	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.93	96.6	2.00	1.50	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	6.01	100	6.00	1.15	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	05/17/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	194	96.8	200	1.97	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	184	91.9	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	80.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.1	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Idx

Received: 05/16/2022 Sampling Date: 05/16/2022

Reported: 05/18/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 75 @ 5' (H222076-07)

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	05/17/2022	ND	2.03	102	2.00	1.96	
Toluene*	<0.050	0.050	05/17/2022	ND	2.03	101	2.00	1.81	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.93	96.6	2.00	1.50	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	6.01	100	6.00	1.15	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	05/17/2022	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	194	96.8	200	1.97	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	184	91.9	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	76.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	75.7	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 05/16/2022 Reported: 05/18/2022 Sampling Date: 05/16/2022

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

Project Number: 15066 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 76 @ 4' (H222076-08)

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	05/17/2022	ND	2.03	102	2.00	1.96	
Toluene*	<0.050	0.050	05/17/2022	ND	2.03	101	2.00	1.81	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.93	96.6	2.00	1.50	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	6.01	100	6.00	1.15	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	05/17/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	194	96.8	200	1.97	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	184	91.9	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	89.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	89.0	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/16/2022 Sampling Date: 05/16/2022

Reported: 05/18/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Tamara Oldaker

Applyzod By: MC/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 77 @ 7' (H222076-09)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2022	ND	2.03	102	2.00	1.96	
Toluene*	<0.050	0.050	05/17/2022	ND	2.03	101	2.00	1.81	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.93	96.6	2.00	1.50	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	6.01	100	6.00	1.15	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	05/17/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	194	96.8	200	1.97	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	184	91.9	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	79.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	78.8	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/16/2022 Sampling Date: 05/16/2022

Reported: 05/18/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Tamara Oldaker

Applyzod By: MC/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 81 @ 4' (H222076-10)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2022	ND	2.03	102	2.00	1.96	
Toluene*	<0.050	0.050	05/17/2022	ND	2.03	101	2.00	1.81	
Ethylbenzene*	<0.050	0.050	05/17/2022	ND	1.93	96.6	2.00	1.50	
Total Xylenes*	<0.150	0.150	05/17/2022	ND	6.01	100	6.00	1.15	
Total BTEX	<0.300	0.300	05/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/17/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2022	ND	194	96.8	200	1.97	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	184	91.9	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					
Surrogate: 1-Chlorooctane	81.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.8	% 59.5-14	2						

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Celeg D. Freene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

ARDINAL LABORATORIE

No Rush

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	: Etech Environment	al & Safety Solut	ions	, Inc	3.							BI	LL	TO		22					A	NAI	YSI	SR	EQU	EST				
Project Manage									0. 1									T	T	1										
Address: 261	7 W Marland								C	omp	oan	y M	ew	bour	ne									1						
City: Hobbs		State: NM	Zip	88	240				At	ttn:	Po	66:	e	Russ	ols.															
	5) 264-9884	Fax #:							A	ddre	255	48	OIE	Runn Busine	Pek	Blad														
Project #: \5	066	Project Owner	· R	16.	. 1	P	./	5	Ci	ity:	HA	16.	5						١.											
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Project Location	066 Chicago 9-8 W n: Mewbourne	Y: Campa								hon			-				Chloride	IPH (8015M)	TEV (0004E)					1						
Sampler Name:	Eric Mojica	· · · · · · · · · · · ·	4 5							ax#							Chi	I	2	4										
FOR LAB USE ONLY						M	ATF	RIX	,	-	_	ERV.	-	SAMPL	ING			무	1 6	0										
Lab I.D.	Sample I.	D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / 000F	OTHER:		DATE	TIN	IE														
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4	FS7205		C	1		١	/			L			-				1	1	1	/	_			_	1	-	-	_	-	
5	FS73e4		C	1			1	1	-	1						_	/	V	1	4	-			-	-	-	-	-	-	
4	FS7404		C	1		1	4	-	-	1	-	-	K		_	\dashv	V	1	Y	4	-		_	-	+	+	+	-	+	_
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8	FS 7664		C	Щ	H	٧	-	+	+	╀	+	+	$ \leftarrow $		-	-	1	1	-	/	+			-	+	+	+	+	+	_
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PLEASE NOTE: Liebility an	nd Damages. Cardinal's liability and clie	nt's exclusive remedy for a	y clain	aritin	g who	ther bas	ted in	contrac	t or to	rt, sha	Il be I	limited t	to the	amount pai	id by the cli	ent for t	he he	V	1		_		_							_
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affiliates or successors arising Relinquished By	ng out of or related to the performance	of services hereunder by C	ardinal	regar	/ed	of wheth	ver su	ch claim	is be	sed up	oon a	ny of th	e abov	ve stated re	Phone	herwise).	□ Ye	08		0 4	dd'l I	hone	#:						_
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FORM-006 Revision 1.0

Received by OCD: 2/7/2023 7:32:21 AM



May 19, 2022

JOEL LOWRY
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 05/17/22 16:01.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/17/2022 Sampling Date: 05/17/2022 Reported: 05/19/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: EW 6 (H222097-01)

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	05/18/2022	ND	2.05	102	2.00	3.84	
Toluene*	<0.050	0.050	05/18/2022	ND	2.02	101	2.00	2.94	
Ethylbenzene*	<0.050	0.050	05/18/2022	ND	2.00	100	2.00	3.78	
Total Xylenes*	<0.150	0.150	05/18/2022	ND	6.21	103	6.00	3.85	
Total BTEX	<0.300	0.300	05/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	05/18/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/18/2022	ND	234	117	200	6.50	
DRO >C10-C28*	<10.0	10.0	05/18/2022	ND	215	108	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	05/18/2022	ND					
Surrogate: 1-Chlorooctane	94.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	101	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/17/2022 Sampling Date: 05/17/2022

Reported: 05/19/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: WW 6 (H222097-02)

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	05/18/2022	ND	2.05	102	2.00	3.84	
Toluene*	<0.050	0.050	05/18/2022	ND	2.02	101	2.00	2.94	
Ethylbenzene*	<0.050	0.050	05/18/2022	ND	2.00	100	2.00	3.78	
Total Xylenes*	<0.150	0.150	05/18/2022	ND	6.21	103	6.00	3.85	
Total BTEX	<0.300	0.300	05/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	05/18/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/18/2022	ND	234	117	200	6.50	
DRO >C10-C28*	<10.0	10.0	05/18/2022	ND	215	108	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	05/18/2022	ND					
Surrogate: 1-Chlorooctane	111 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	119	% 59.5-14	2						

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Celey D. Kreine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/17/2022 Sampling Date: 05/17/2022

Reported: 05/19/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 78 @ 5' (H222097-03)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2022	ND	2.05	102	2.00	3.84	
Toluene*	<0.050	0.050	05/18/2022	ND	2.02	101	2.00	2.94	
Ethylbenzene*	<0.050	0.050	05/18/2022	ND	2.00	100	2.00	3.78	
Total Xylenes*	<0.150	0.150	05/18/2022	ND	6.21	103	6.00	3.85	
Total BTEX	<0.300	0.300	05/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	05/18/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/18/2022	ND	234	117	200	6.50	
DRO >C10-C28*	<10.0	10.0	05/18/2022	ND	215	108	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	05/18/2022	ND					
Surrogate: 1-Chlorooctane	117	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	124	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/17/2022 Sampling Date: 05/17/2022

Reported: 05/19/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: 15066 Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 79 @ 4' (H222097-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2022	ND	2.05	102	2.00	3.84	
Toluene*	<0.050	0.050	05/18/2022	ND	2.02	101	2.00	2.94	
Ethylbenzene*	<0.050	0.050	05/18/2022	ND	2.00	100	2.00	3.78	
Total Xylenes*	<0.150	0.150	05/18/2022	ND	6.21	103	6.00	3.85	
Total BTEX	<0.300	0.300	05/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	05/18/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	Analyzed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/18/2022	ND	234	117	200	6.50	
DRO >C10-C28*	<10.0	10.0	05/18/2022	ND	215	108	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	05/18/2022	ND					
Surrogate: 1-Chlorooctane	143 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	152 %	59.5-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/17/2022 Sampling Date: 05/17/2022

Reported: 05/19/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 15066 Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 80 @ 4' (H222097-05)

BTEX 8021B	mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2022	ND	2.05	102	2.00	3.84	
Toluene*	<0.050	0.050	05/18/2022	ND	2.02	101	2.00	2.94	
Ethylbenzene*	<0.050	0.050	05/18/2022	ND	2.00	100	2.00	3.78	
Total Xylenes*	<0.150	0.150	05/18/2022	ND	6.21	103	6.00	3.85	
Total BTEX	<0.300	0.300	05/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/18/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/18/2022	ND	234	117	200	6.50	
DRO >C10-C28*	<10.0	10.0	05/18/2022	ND	215	108	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	05/18/2022	ND					
Surrogate: 1-Chlorooctane	120 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	128 9	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/17/2022 Sampling Date: 05/17/2022

Reported: 05/19/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 82 @ 4' (H222097-06)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2022	ND	2.05	102	2.00	3.84	
Toluene*	<0.050	0.050	05/18/2022	ND	2.02	101	2.00	2.94	
Ethylbenzene*	<0.050	0.050	05/18/2022	ND	2.00	100	2.00	3.78	
Total Xylenes*	<0.150	0.150	05/18/2022	ND	6.21	103	6.00	3.85	
Total BTEX	<0.300	0.300	05/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/18/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/18/2022	ND	234	117	200	6.50	
DRO >C10-C28*	<10.0	10.0	05/18/2022	ND	215	108	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	05/18/2022	ND					
Surrogate: 1-Chlorooctane	121	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	129	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/17/2022 Sampling Date: 05/17/2022

Reported: 05/19/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Analyzed By: MS\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 83 @ 6.5' (H222097-07)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	a by. 1-15 (
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2022	ND	2.05	102	2.00	3.84	
Toluene*	<0.050	0.050	05/18/2022	ND	2.02	101	2.00	2.94	
Ethylbenzene*	<0.050	0.050	05/18/2022	ND	2.00	100	2.00	3.78	
Total Xylenes*	<0.150	0.150	05/18/2022	ND	6.21	103	6.00	3.85	
Total BTEX	<0.300	0.300	05/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	05/18/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/18/2022	ND	234	117	200	6.50	
DRO >C10-C28*	<10.0	10.0	05/18/2022	ND	215	108	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	05/18/2022	ND					
Surrogate: 1-Chlorooctane	124	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	130	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/17/2022 Sampling Date: 05/17/2022

Reported: 05/19/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 84 @ 8' (H222097-08)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2022	ND	2.05	102	2.00	3.84	
Toluene*	<0.050	0.050	05/18/2022	ND	2.02	101	2.00	2.94	
Ethylbenzene*	<0.050	0.050	05/18/2022	ND	2.00	100	2.00	3.78	
Total Xylenes*	<0.150	0.150	05/18/2022	ND	6.21	103	6.00	3.85	
Total BTEX	<0.300	0.300	05/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 % 69.9-140		0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	05/18/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2022	ND	234	117	200	6.50	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	215	108	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	118	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	130	% 59.5-14	2						

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Celey & Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/17/2022 Sampling Date: 05/17/2022

Reported: 05/19/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 86 @ 3' (H222097-09)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2022	ND	2.05	102	2.00	3.84	
Toluene*	<0.050	0.050	05/18/2022	ND	2.02	101	2.00	2.94	
Ethylbenzene*	<0.050	0.050	05/18/2022	ND	2.00	100	2.00	3.78	
Total Xylenes*	<0.150	0.150	05/18/2022	ND	6.21	103	6.00	3.85	
Total BTEX	<0.300	0.300	05/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/18/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2022	ND	234	117	200	6.50	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	215	108	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	118	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	129	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/17/2022 Sampling Date: 05/17/2022

Reported: 05/19/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC\

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 87 @ 3' (H222097-10)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2022	ND	2.05	102	2.00	3.84	
Toluene*	<0.050	0.050	05/18/2022	ND	2.02	101	2.00	2.94	
Ethylbenzene*	<0.050	0.050	05/18/2022	ND	2.00	100	2.00	3.78	
Total Xylenes*	<0.150	0.150	05/18/2022	ND	6.21	103	6.00	3.85	
Total BTEX	<0.300	0.300	05/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	05/18/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2022	ND	234	117	200	6.50	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	215	108	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	109	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	119	% 59.5-14	2						

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Notes and Definitions

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

RDINAL LABORATORIES

No Rush

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	roject Manager: Lance Cronshaw								B	ILL TO		8				ANA	LYSI	S RE	EQUE	ST			
Project Manage	r: Lance Crenshaw						P.(O. #:															
Address: 261	7 W Marland						Co	mpa	ny /	1eubou	rne								1	1 1			
City: Hobbs	Sta	ite: NM Zip	: 88	240			Att	n: R	666	ie Ruan	els												- 1
Phone #: (57	5) 264-9884 Fax	¢#:					Ad	dres	s: 48	10 Busin	ess P.k BL	d											
Project #: 15	066 Pro	ject Owner: R	16	e Ru	nels				1.65			1											
Project Name: (066 Pro Chicago 9-8 WOHL n: Mewhourne Oil Co Eric Mojica	Fee Com	H							Zip: 8	240		TPH (8015M)	BTEX (8021B)									
Project Location	n: Mewlovene Oil Co	mand							#:			Chloride	801	(80						1 1			
Sampler Name:	Eric Moiles	7					Fa	x #:	_	-		등	Ĭ	K							- 1		
FOR LAB USE ONLY			Г		MATR	IX		PRE	SER	SAMP	LING		=	B									
Lab I.D.	(G)RAB OR (C)OMP. ** CONTAINERS GROUNDWATER WASTEWATER SOIL				SLUDGE	OTHER:	ACID/BASE:	ICE / GOOF	DATE	TIME													
1	EW6	C							1	5.17.2	2	1	V	V									
2	WW6	c	1		1				1			1	V	1									
3	FS 7805	C	1		J				/		1	1	1	1									
4	FS 79e4'	С	1		1				1			V	1	1									
5	FS 80e4	C	1		1				1			1	1	1									
6	FS 82 64	C	1		1				1			1	1	1	_		_	_					
3	FS 83e 81/2	С	1		1		Ш		/			1	1	1	1							_	
8	FS8408	С	1		1	1	Н		1			1	V	1	_	-	_	_	-	1			
9	FS 8603	C	İ		1	-	1		/		-	V	1	V	+	+	╄	-	-	\vdash	\rightarrow	\rightarrow	-
PLEASE NOTE: Liability ar	FS 8703'	Lusive remedy for any clair		ng whether	4	contrac	t or tort	shall h	/	to the amount	aid by the client f	√ lbe	1	1		1							-
analyses. All claims includi	ing those for negligence and any other cause w	hatsoever shall be deeme	d wash	ed unless m	ede in w	ding an	d recei	wed by	Cardinal	within 30 days o	flar completion of	the applica	able										
affiliates or successors arisi	ng out of or related to the performance of servi	ces hereunder by Cardina	rega	व्यक्तिक भी भाग	ether suc	it citaim	is base	nd upon	any of	he above stated	Phone R	vise.	□ Y		No	[A d d 4	Phone	46.					
elinquished By: Date: S-/7-22 Time: 0				ri	9	U	ا	1	Fax Res	ult:	D Ye		No		Fax #:	#.							
Relinquished By: Date: Received By:					¥			0	1														
	Tin	Time:									**					0.4		4					
Delivered By: Sampler - UPS	Delivered By: (Circle One) Sample Concord intaction of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the contro					act				KED BY:	Please	email	result	s and	сору	of Co	U to p	m@e	techer	iv.com	,		

FORM-006 Revision 1.0 Page 13 of 13



May 23, 2022

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 05/18/22 16:11.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

A ... - b ... - d D. .. 711

Received: 05/18/2022 Reported: 05/23/2022

CHICAGO 9-8 WOHE FEE COM 1

Project Name: CHICA Project Number: 15066

Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 05/18/2022

Sampling Type: Soil

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

Sample ID: FS 88 @ 4.5' (H222122-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.00	99.9	2.00	1.94	
Toluene*	<0.050	0.050	05/19/2022	ND	2.04	102	2.00	4.76	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	2.03	102	2.00	2.18	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.15	102	6.00	2.85	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400 16.0		05/19/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2022	ND	232	116	200	3.86	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	223	112	200	0.0875	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	112 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	115	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

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

Received: 05/18/2022 Reported:

Sampling Date: 05/18/2022 05/23/2022 Sampling Type: Soil

Project Name: Project Number:

CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Sample Received By: 15066 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 89 @ 4.5' (H222122-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.00	99.9	2.00	1.94	
Toluene*	<0.050	0.050	05/19/2022	ND	2.04	102	2.00	4.76	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	2.03	102	2.00	2.18	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.15	102	6.00	2.85	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	05/19/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2022	ND	232	116	200	3.86	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	223	112	200	0.0875	
EXT DRO >C28-C36	<10.0 10.0		05/19/2022	ND					
Surrogate: 1-Chlorooctane	114 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	118 9	6 59.5-14	2						

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Analytical Results For:

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

Fax To:

Received: 05/18/2022 Sampling Date: 05/18/2022

Reported: 05/23/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 90 @ 5' (H222122-03)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.00	99.9	2.00	1.94	
Toluene*	<0.050	0.050	05/19/2022	ND	2.04	102	2.00	4.76	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	2.03	102	2.00	2.18	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.15	102	6.00	2.85	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0 16.0		05/19/2022	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	05/19/2022	ND	232	116	200	3.86	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	223	112	200	0.0875	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	110	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	115	% 59.5-14	2						

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Analytical Results For:

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

Received: 05/18/2022 Reported: 05/23/2022 Sampling Date: 05/18/2022 Soil

Project Name:

Sampling Type: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition:

Project Number: 15066

Cool & Intact Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 91 @ 5' (H222122-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.00	99.9	2.00	1.94	
Toluene*	<0.050	0.050	05/19/2022	ND	2.04	102	2.00	4.76	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	2.03	102	2.00	2.18	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.15	102	6.00	2.85	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/19/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2022	ND	232	116	200	3.86	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	223	112	200	0.0875	
EXT DRO >C28-C36	<10.0 10.0		05/19/2022	ND					
Surrogate: 1-Chlorooctane	110 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	114 9	6 59.5-14	2						

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Analytical Results For:

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

Fax To:

Received: 05/18/2022 Sampling Date: 05/18/2022

Reported: 05/23/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 92 @ 6' (H222122-05)

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	05/19/2022	ND	2.00	99.9	2.00	1.94	
Toluene*	<0.050	0.050	05/19/2022	ND	2.04	102	2.00	4.76	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	2.03	102	2.00	2.18	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.15	102	6.00	2.85	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400 16.0		05/19/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2022	ND	232	116	200	3.86	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	223	112	200	0.0875	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	118	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	124	% 59.5-14	2						

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Analytical Results For:

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

Analyzed By: JH

Sampling Date:

05/18/2022

Reported:

Received:

BTEX 8021B

05/18/2022 05/23/2022

Sampling Type:

Soil

Project Name:

05/23/2022 CHICAGO 9-8 W0HE FEE COM 1

Sampling Condition:

Cool & Intact

Project Number:

15066

Sample Received By:

Tamara Oldaker

Project Location:

MEWBOURNE - EDDY CO NM

Sample ID: FS 93 @ 3' (H222122-06)

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.00	99.9	2.00	1.94	
Toluene*	<0.050	0.050	05/19/2022	ND	2.04	102	2.00	4.76	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	2.03	102	2.00	2.18	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.15	102	6.00	2.85	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/19/2022	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	05/19/2022	ND	232	116	200	3.86	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	223	112	200	0.0875	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	112 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	117 9	% 59.5-14	22						

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Analytical Results For:

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

Received: 05/18/2022 Reported: 05/23/2022 Sampling Date: 05/18/2022 Soil

Project Name:

Sampling Type: Sampling Condition: Cool & Intact

Project Number: 15066 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

CHICAGO 9-8 W0HE FEE COM 1

Sample ID: FS 94 @ 3' (H222122-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.00	99.9	2.00	1.94	
Toluene*	<0.050	0.050	05/19/2022	ND	2.04	102	2.00	4.76	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	2.03	102	2.00	2.18	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.15	102	6.00	2.85	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/19/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2022	ND	232	116	200	3.86	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	223	112	200	0.0875	
EXT DRO >C28-C36	<10.0 10.0		05/19/2022	ND					
Surrogate: 1-Chlorooctane	109 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	113 %	6 59.5-14	2						

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Analytical Results For:

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

Fax To:

Received: 05/18/2022 Sampling Date: 05/18/2022

Reported: 05/23/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Project Number: 15066 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 95 @ 3' (H222122-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.00	99.9	2.00	1.94	
Toluene*	<0.050	0.050	05/19/2022	ND	2.04	102	2.00	4.76	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	2.03	102	2.00	2.18	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.15	102	6.00	2.85	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	05/19/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2022	ND	232	116	200	3.86	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	223	112	200	0.0875	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	123 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	128 9	6 59.5-14	2						

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Analytical Results For:

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

Fax To:

Received: 05/18/2022 Sampling Date: 05/18/2022

Reported: 05/23/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 96 @ 3' (H222122-09)

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	05/19/2022	ND	2.00	99.9	2.00	1.94	
Toluene*	<0.050	0.050	05/19/2022	ND	2.04	102	2.00	4.76	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	2.03	102	2.00	2.18	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.15	102	6.00	2.85	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176 16.0		05/19/2022	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	05/19/2022	ND	232	116	200	3.86	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	223	112	200	0.0875	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	129	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	132	% 59.5-14	2						

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05/18/2022

Analytical Results For:

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

Received: 05/18/2022 Sampling Date:

Reported: 05/23/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 15066 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 98 @ 4.5' (H222122-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.00	99.9	2.00	1.94	
Toluene*	<0.050	0.050	05/19/2022	ND	2.04	102	2.00	4.76	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	2.03	102	2.00	2.18	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.15	102	6.00	2.85	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/19/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2022	ND	198	99.1	200	0.723	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	189	94.3	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	91.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.7	% 59.5-14	2						

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Notes and Definitions

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

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

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

No Rush

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	roject Manager: Lance Creas haw						81	LL TO						ANA	LYSIS	S RE	EQUE	ST			
Project Manage	r. Lance Creash	aw			P.O.																
	7 W Marland				Con	npan	y M	ewbour	ne							1				-	- 1
City: Hobbs	S	tate: NM Zip	: 88	3240	Attn	R.	blie	Runel	,												
Phone #: (575	5) 264-9884 Fa	ax #:			Add	ress	:480	Burnes	PLBL												
Project #:) 5 () / / P	roject Owner: R	-1	lie Ryacels	City													li			
Project Name: (chicana 9-8 WO	HE Fee Co	~	1 H				Zip: 886	140		SM)	18									
Project Location	Chicago 9-8 WO Mew Lovine Oil Eric Mojica	Company				ne #				Chloride	IPH (8015M)	STEX (8021B)									
Sampler Name:	Eric Moiles	- July and				#:				Ship	I	X									
FOR LAB USE ONLY	7		T	MATRIX		PRES		SAMPLI	NG		르	BT								1	
Tab I.D. Sample I.D. (G)RAB OR (C)OMP. **CONTAINERS GROUNDWATER WASTEWATER SOIL				GROUNDWATER WASTEWATER SOIL OIL	OTHER:	ACID/BASE:	OTHER:	DATE	TIME												
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2	FS 89041/2	c				1				1	1	1									
3	F590e 5'	C	1	1		1		/		1	1	1									
4	FS 91e5'	C	1	V		1				1	1	1									
5	FS 9206	C	1	1		1				1	1	1									
6	FS 93@3'	C	1	1		V				1	/	/									
1	FS 9403	C	1	J	Н	1				1	1	/					-				
8	FS 95e3'	C	1	1	Н	1	+			V	1	V				-	-			-	_
9	F596e3	C	1	1	\Box	1		\rightarrow		V	V	V				-	-		-	-	_
PLEASE NOTE: Liability ar	FS 9 8 4 1/2 and Damages. Cardinal's liability and client's e	exclusive remedy for any clai	D adia	ing whether based in contract	or tort, s	half be i	Imited t	the amount paid	by the client for t	he	V	V									-
enalyses All claims include service in no event shall C	ng those for negligence and any other cause ardinal be lighte for incidental or consequent	whatsoever shall be deame	d wah		d receive	id by Ca		thin 30 days after ofte incurred by c			do										
Relinquished By				ved By:	is based	upon a	ny of the	above stated rea	Phone Res		☐ Ye	s O	No	Add'l	Phone	#:			-		\dashv
C. m		Date: 5-18-22 Received By: Time: Alland				Va		Lec	Fax Result REMARKS	t:	☐ Ye		No	Add'l					-		
Relinquished By: Date: Received By: Time:				ved By:			a														
Delivered By: (Circle One) 58 C-0.58 Sample Cond				_	CH	(Initi	ED BY: als)	Please email results and copy of CoC to pm@etechenv.com.													
Sampler - UPS	npler - UPS - Bus - Other: 5.3 #13 PNo				0	1	Je	-													

FORM-006 Revision 1.0

Received by OCD: 2/7/2023 7:32:21 AM



May 25, 2022

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 05/19/22 15:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 05/19/2022 Reported: 05/25/2022

05/25/2022 Sampling Type: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition:

A ... - L ... - d D. .. MC/

Project Name: CHICAGO
Project Number: 15066

Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 05/19/2022

Soil

** (See Notes)

Sample Received By: Shalyn Rodriguez

Sample ID: FS 97 @ 8.5' (H222147-01)

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	05/24/2022	ND	2.09	104	2.00	0.674	
Toluene*	<0.050	0.050	05/24/2022	ND	2.06	103	2.00	0.391	
Ethylbenzene*	<0.050	0.050	05/24/2022	ND	1.97	98.3	2.00	1.28	
Total Xylenes*	<0.150	0.150	05/24/2022	ND	6.11	102	6.00	0.906	
Total BTEX	<0.300	0.300	05/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	05/23/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2022	ND	192	95.8	200	7.03	
DRO >C10-C28*	<10.0	10.0	05/25/2022	ND	202	101	200	6.31	
EXT DRO >C28-C36	<10.0	10.0	05/25/2022	ND					
Surrogate: 1-Chlorooctane	90.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.3	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 05/19/2022 Sampling Date: 05/19/2022

Reported: 05/25/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes) Project Number: 15066 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 99 @ 3.5' (H222147-02)

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	05/24/2022	ND	2.09	104	2.00	0.674	
Toluene*	<0.050	0.050	05/24/2022	ND	2.06	103	2.00	0.391	
Ethylbenzene*	<0.050	0.050	05/24/2022	ND	1.97	98.3	2.00	1.28	
Total Xylenes*	<0.150	0.150	05/24/2022	ND	6.11	102	6.00	0.906	
Total BTEX	<0.300	0.300	05/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/23/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2022	ND	192	95.8	200	7.03	
DRO >C10-C28*	<10.0	10.0	05/25/2022	ND	202	101	200	6.31	
EXT DRO >C28-C36	<10.0	10.0	05/25/2022	ND					
Surrogate: 1-Chlorooctane	83.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.8	% 59.5-14	2						

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Analytical Results For:

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

Fax To:

Received: 05/19/2022 Sampling Date: 05/19/2022

Reported: 05/25/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 100 @ 4' (H222147-03)

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	05/24/2022	ND	2.09	104	2.00	0.674	
Toluene*	<0.050	0.050	05/24/2022	ND	2.06	103	2.00	0.391	
Ethylbenzene*	<0.050	0.050	05/24/2022	ND	1.97	98.3	2.00	1.28	
Total Xylenes*	<0.150	0.150	05/24/2022	ND	6.11	102	6.00	0.906	
Total BTEX	<0.300	0.300	05/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/23/2022	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	05/25/2022	ND	192	95.8	200	7.03	
DRO >C10-C28*	<10.0	10.0	05/25/2022	ND	202	101	200	6.31	
EXT DRO >C28-C36	<10.0	10.0	05/25/2022	ND					
Surrogate: 1-Chlorooctane	70.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	78.0	% 59.5-14	12						

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Analytical Results For:

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

Fax To:

Received: 05/19/2022 Sampling Date: 05/19/2022

Reported: 05/25/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 101 @ 2.5' (H222147-04)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2022	ND	2.09	104	2.00	0.674	
Toluene*	<0.050	0.050	05/24/2022	ND	2.06	103	2.00	0.391	
Ethylbenzene*	<0.050	0.050	05/24/2022	ND	1.97	98.3	2.00	1.28	
Total Xylenes*	<0.150	0.150	05/24/2022	ND	6.11	102	6.00	0.906	
Total BTEX	<0.300	0.300	05/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	05/23/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2022	ND	192	95.8	200	7.03	
DRO >C10-C28*	<10.0	10.0	05/25/2022	ND	202	101	200	6.31	
EXT DRO >C28-C36	<10.0	10.0	05/25/2022	ND					
Surrogate: 1-Chlorooctane	76.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.5	% 59.5-14	2						

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Analytical Results For:

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

Fax To:

Received: 05/19/2022 Sampling Date: 05/19/2022

Reported: 05/25/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 102 @ 5.5' (H222147-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2022	ND	2.09	104	2.00	0.674	
Toluene*	<0.050	0.050	05/24/2022	ND	2.06	103	2.00	0.391	
Ethylbenzene*	<0.050	0.050	05/24/2022	ND	1.97	98.3	2.00	1.28	
Total Xylenes*	<0.150	0.150	05/24/2022	ND	6.11	102	6.00	0.906	
Total BTEX	<0.300	0.300	05/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/23/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2022	ND	192	95.8	200	7.03	
DRO >C10-C28*	<10.0	10.0	05/25/2022	ND	202	101	200	6.31	
EXT DRO >C28-C36	<10.0	10.0	05/25/2022	ND					
Surrogate: 1-Chlorooctane	79.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.7	% 59.5-14	2						

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Analytical Results For:

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

Fax To:

Received: 05/19/2022 Sampling Date: 05/19/2022

Reported: 05/25/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes) Project Number: Sample Received By: 15066 Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 103 @ 4.5' (H222147-06)

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	05/24/2022	ND	2.09	104	2.00	0.674	
Toluene*	<0.050	0.050	05/24/2022	ND	2.06	103	2.00	0.391	
Ethylbenzene*	<0.050	0.050	05/24/2022	ND	1.97	98.3	2.00	1.28	
Total Xylenes*	<0.150	0.150	05/24/2022	ND	6.11	102	6.00	0.906	
Total BTEX	<0.300	0.300	05/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	05/23/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2022	ND	192	95.8	200	7.03	
DRO >C10-C28*	<10.0	10.0	05/25/2022	ND	202	101	200	6.31	
EXT DRO >C28-C36	<10.0	10.0	05/25/2022	ND					
Surrogate: 1-Chlorooctane	81.3 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.3	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 05/19/2022 Sampling Date: 05/19/2022

Reported: 05/25/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 104 @ 2.5' (H222147-07)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2022	ND	2.09	104	2.00	0.674	
Toluene*	<0.050	0.050	05/24/2022	ND	2.06	103	2.00	0.391	
Ethylbenzene*	<0.050	0.050	05/24/2022	ND	1.97	98.3	2.00	1.28	
Total Xylenes*	<0.150	0.150	05/24/2022	ND	6.11	102	6.00	0.906	
Total BTEX	<0.300	0.300	05/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/23/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2022	ND	192	95.8	200	7.03	
DRO >C10-C28*	<10.0	10.0	05/25/2022	ND	202	101	200	6.31	
EXT DRO >C28-C36	<10.0	10.0	05/25/2022	ND					
Surrogate: 1-Chlorooctane	82.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.9	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 05/19/2022 Sampling Date: 05/19/2022

Reported: 05/25/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: MC/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 105 @ 2.5' (H222147-08)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2022	ND	2.09	104	2.00	0.674	
Toluene*	<0.050	0.050	05/24/2022	ND	2.06	103	2.00	0.391	
Ethylbenzene*	<0.050	0.050	05/24/2022	ND	1.97	98.3	2.00	1.28	
Total Xylenes*	<0.150	0.150	05/24/2022	ND	6.11	102	6.00	0.906	
Total BTEX	<0.300	0.300	05/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/23/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2022	ND	192	95.8	200	7.03	
DRO >C10-C28*	<10.0	10.0	05/25/2022	ND	202	101	200	6.31	
EXT DRO >C28-C36	<10.0	10.0	05/25/2022	ND					
Surrogate: 1-Chlorooctane	94.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	104	% 59.5-14	2						

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Analytical Results For:

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

Fax To:

Received: 05/19/2022 Sampling Date: 05/19/2022

Reported: 05/25/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: ** (See Notes)

Project Number: 15066 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: WW 7 (H222147-09)

TEX 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	05/24/2022	ND	2.09	104	2.00	0.674	
Toluene*	<0.050	0.050	05/24/2022	ND	2.06	103	2.00	0.391	
Ethylbenzene*	<0.050	0.050	05/24/2022	ND	1.97	98.3	2.00	1.28	
Total Xylenes*	<0.150	0.150	05/24/2022	ND	6.11	102	6.00	0.906	
Total BTEX	<0.300	0.300	05/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	05/23/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2022	ND	192	95.8	200	7.03	
DRO >C10-C28*	<10.0	10.0	05/25/2022	ND	202	101	200	6.31	
EXT DRO >C28-C36	<10.0	10.0	05/25/2022	ND					
Surrogate: 1-Chlorooctane	107 %	66.9-13	6						

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Shalyn Rodriguez

Analytical Results For:

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

Received: 05/19/2022

 05/19/2022
 Sampling Date:
 05/19/2022

 05/25/2022
 Sampling Type:
 Soil

 CHICAGO 9-8 W0HE FEE COM 1
 Sampling Condition:
 ** (See Notes)

Sample Received By:

Project Name: CHICA Project Number: 15066

Project Location: MEWBOURNE - EDDY CO NM

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Sample ID: EW 7 (H222147-10)

Reported:

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	05/24/2022	ND	2.09	104	2.00	0.674	
Toluene*	<0.050	0.050	05/24/2022	ND	2.06	103	2.00	0.391	
Ethylbenzene*	<0.050	0.050	05/24/2022	ND	1.97	98.3	2.00	1.28	
Total Xylenes*	<0.150	0.150	05/24/2022	ND	6.11	102	6.00	0.906	
Total BTEX	<0.300	0.300	05/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/23/2022	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	05/25/2022	ND	192	95.8	200	7.03	
DRO >C10-C28*	20.3	10.0	05/25/2022	ND	202	101	200	6.31	
EXT DRO >C28-C36	<10.0	10.0	05/25/2022	ND					
Surrogate: 1-Chlorooctane	96.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	108	% 59.5-14	12						

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Notes and Definitions

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

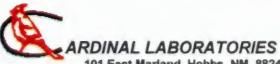
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celeg D. Freene



No Rush

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	: Etech Environmental & Safety Solu	tions	, In	C.							B	IL	LTO		2					AN	AL	SIS	R	EQU	EST	r		
Project Manage	r: Lance Crenshaw								2.0.											T	T				7			
Address: 261	7 W Marland							C	om	pan	y/	Me	wbou	rne														
City: Hobbs	State: NM	Zip	: 88	240)			A	ttn:	: R	,6	bie	Punn	els														
	5) 264-9884 Fax #:							A	ddr	ress	:4)	10	Burines.	els IkBlva														
Project #: \5	0 66 Project Owne	r: R	obb	ie	Rus	ne	5	c	ity:	H	b	bs																
Project Name: (Obb Project Owner Chicago 9-8 WOHE Fee n: Mew bourne Oil Compa	Co	m	11	1			s	tate	e: N	M	Z	ip: 88	3240	0	TPH (8015M)		BTEX (8021B)										
Project Location	n: Mew bourne Oil Compa	nu								ne #					Chloride	801		(80)				- 1						
Sampler Name:	Eric Mojica	9						F	ax i	#:					등	Ä		EX										
FOR LAB USE ONLY			Γ		_	MAT	RIX	7	P	RES	ER	V.	SAMPL	NG	7	=		E								- 1		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	Oll	SLUDGE STUED	ACID/BASE	ACIDIDANE:	OTHED.	OINER:	DATE	TIME														
	FS97081/2	C	1	Г		1			T	1			19-22		1	1	/	1										
2	FS 99 = 31/2	C	1			1				V					V	V		V										
3	FS 100e4	C	1			1				V		_			1	V	/	/										
4	FS 101@ 2/2	C	1	L		V		1		V	1				1	1		/			1				1			
5	FS 102e 51/2	C	1	L		V		1	1	1		k			V	V	/	V	-	-	+	_	_	+	+	-	-	
6	FS 103e 4/2	C		1		1	1	-	+	V	4	1			V	1		√	-	+	+	_	_	+	+	-	-	
7	FS 10402/2	C	1	L		1	+	+	+	_\V	-	k			~	1	4	V	-	+	+	_	-	+	+	+	-	
8	FS 105e21/2	C	1	\vdash	-	V	+	+	+	V	+	+	\rightarrow		1	1	4	V	+	+	+	-	-	+	+	+	+	
4	WW	C	1	\vdash	H	/	+	+	+	V	-	K	\leftarrow		1	1 ×		1	+	+	+	-	-	+	+	+	-	
PLEASE NOTE: Liability as	nd Damages, Cardinal's liability and client's exclusive remedy for:	my clair	n arisi	ing wh	ether b	V ased i	n contra	ct or I	tort, sh	hall be	limite	ed to th	ne amount pai	d by the client f	or the	1 4		~	_	_	_	_		_		_		
service. In no event shall C	ing those for negligence and any other cause whatnoever shall be ardined be liable for incidental or consequental damages, includin	g withou	ut limit	mtion,	busine	os inte	eruption	s, loss	of up	e, or k	oss of	profits	s incurred by	slent, its subsid	laries,	nble												
Relinquished B	5.19.33 Time: 15.50	Re		ved	By:		V (Une at	pove stated re	Phone R Fax Res REMARI	esult: ult:		Yes		No No		'l Ph	one	#:					
	Time: : (Circle One) 7.1° C-C	5,5	60		Con	4 1	Cond ntact		n	CI		KEI nitial	D BY:	Please	email	resu	ılts	and	сору	of Co	oC t	о рп	m@e	etech	env.	com.		

FORM-006 Revision 1.0 Released to Imaging: 6/9/2023 9:01:08 AM

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



June 01, 2022

JOEL LOWRY
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 05/25/22 16:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

 Received:
 05/25/2022
 Sampling Date:
 05/25/2022

 Reported:
 06/01/2022
 Sampling Type:
 Soil

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

Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyand By CV

Project Location: MEWBOURNE - EDDY CO NM

ma/ka

Sample ID: NW 1 (H222240-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/28/2022	ND	2.07	103	2.00	2.12	
Toluene*	<0.050	0.050	05/28/2022	ND	2.04	102	2.00	1.88	
Ethylbenzene*	<0.050	0.050	05/28/2022	ND	1.93	96.3	2.00	2.39	
Total Xylenes*	<0.150	0.150	05/28/2022	ND	6.00	100	6.00	3.08	
Total BTEX	<0.300	0.300	05/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/31/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2022	ND	189	94.3	200	0.783	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	181	90.5	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	115 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	120	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/25/2022 Sampling Date: 05/25/2022

Reported: 06/01/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: CK

Project Location: MEWBOURNE - EDDY CO NM

ma/ka

Sample ID: WW 8 (H222240-02)

RTFY 8021R

BIEX 8021B	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/28/2022	ND	2.07	103	2.00	2.12	
Toluene*	<0.050	0.050	05/28/2022	ND	2.04	102	2.00	1.88	
Ethylbenzene*	<0.050	0.050	05/28/2022	ND	1.93	96.3	2.00	2.39	
Total Xylenes*	<0.150	0.150	05/28/2022	ND	6.00	100	6.00	3.08	
Total BTEX	<0.300	0.300	05/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/31/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2022	ND	189	94.3	200	0.783	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	181	90.5	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	111 5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	116	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/25/2022 Sampling Date: 05/25/2022

Reported: 06/01/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Analyzed By: CK

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 115 @ 4.5' (H222240-03)

BTEX 8021B

	9/	9	7111411720	7 0.1					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/28/2022	ND	2.07	103	2.00	2.12	
Toluene*	<0.050	0.050	05/28/2022	ND	2.04	102	2.00	1.88	
Ethylbenzene*	<0.050	0.050	05/28/2022	ND	1.93	96.3	2.00	2.39	
Total Xylenes*	<0.150	0.150	05/28/2022	ND	6.00	100	6.00	3.08	
Total BTEX	<0.300	0.300	05/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/31/2022	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2022	ND	189	94.3	200	0.783	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	181	90.5	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	112	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	117	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/25/2022 Sampling Date: 05/25/2022

Reported: 06/01/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: CK

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 116 @ 4' (H222240-04)

RTFY 8021R

BIEX 8021B	тд/кд		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/28/2022	ND	2.07	103	2.00	2.12	
Toluene*	<0.050	0.050	05/28/2022	ND	2.04	102	2.00	1.88	
Ethylbenzene*	<0.050	0.050	05/28/2022	ND	1.93	96.3	2.00	2.39	
Total Xylenes*	<0.150	0.150	05/28/2022	ND	6.00	100	6.00	3.08	
Total BTEX	<0.300	0.300	05/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	05/31/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2022	ND	188	94.1	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	192	96.1	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	118	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	134	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/25/2022 Sampling Date: 05/25/2022

Reported: 06/01/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Applyzod By: CK

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 117 @ 5' (H222240-05)

RTFY 8021R

BIEX 8021B	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/28/2022	ND	2.07	103	2.00	2.12	
Toluene*	<0.050	0.050	05/28/2022	ND	2.04	102	2.00	1.88	
Ethylbenzene*	<0.050	0.050	05/28/2022	ND	1.93	96.3	2.00	2.39	
Total Xylenes*	<0.150	0.150	05/28/2022	ND	6.00	100	6.00	3.08	
Total BTEX	<0.300	0.300	05/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/31/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2022	ND	188	94.1	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	192	96.1	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	118	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	133	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/25/2022 Sampling Date: 05/25/2022

Reported: 06/01/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 15066 Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 118 @ 5' (H222240-06)

BTEX 8021B	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/28/2022	ND	2.07	103	2.00	2.12	
Toluene*	<0.050	0.050	05/28/2022	ND	2.04	102	2.00	1.88	
Ethylbenzene*	<0.050	0.050	05/28/2022	ND	1.93	96.3	2.00	2.39	
Total Xylenes*	<0.150	0.150	05/28/2022	ND	6.00	100	6.00	3.08	
Total BTEX	<0.300	0.300	05/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/31/2022	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2022	ND	188	94.1	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	192	96.1	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	111 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	126 9	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/25/2022 Sampling Date: 05/25/2022

Reported: 06/01/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 15066 Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 119 @ 5' (H222240-07)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/28/2022	ND	2.07	103	2.00	2.12	
Toluene*	<0.050	0.050	05/28/2022	ND	2.04	102	2.00	1.88	
Ethylbenzene*	<0.050	0.050	05/28/2022	ND	1.93	96.3	2.00	2.39	
Total Xylenes*	<0.150	0.150	05/28/2022	ND	6.00	100	6.00	3.08	
Total BTEX	<0.300	0.300	05/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/31/2022	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2022	ND	188	94.1	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	192	96.1	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	112 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	126 9	6 59.5-14	2						

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Notes and Definitions

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

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

No Rush

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240

	(575) 393-2326 FAX																								
Company Name			s, in	C.						E	HL	LTO						ANA	LYS	IS R	EQUE	ST			
Project Manage	F. Lance Cres	ishaw						_). #:	_															
Address: 261	7 W Marland							Cor	mpa	ny /	Me	whove	10									1			
City: Hobbs		State: NM Zij	: 88	3240				Attı	n: R	obb	ie.	Runne	15												
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Project Name: (Obb Chicago 9-81 Membourne	NOHE Fee	C	on				Sta	te:/	VA	y z	ip: 88	240		TPH (8015M)	BTEX (8021B)									
Project Location	n: Me whouse	Oil Consen	4						one		_	-		Chloride	801	80									
Sampler Name:	Eric Mojica	P	7					Fax	#:	_	_			S	I	X	1	1							
FOR LAB USE ONLY			T		MA	TRIX	<		PRE	SER	W.	SAMPL	NG		=	B	1								
Lab I.D.	Sample I.I	O. SPAB OR COOMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME												
1	NWI	C	1		1					1	12	25.22		1	V	1									
3	W W8	0	1		1				,	/		/		V	V	1									
3	FS 115e4/2	C	1		1				1	/				V	1	1									
4	FS 116e4	C	11		J					1				1	1	1			_	-					
5	FS 117e5	C	-		J				1	/				1	1	V		-	-	-	1	-			
6	FS 11805	C	-		1	L				1	-			/	1	1	-	-	-	-	1				-
7	FS 119e5'	C	11		V	_		4	1	4	1			1	V	V	+	+	+	+	+	-	-	_	+-
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analyses. All claims includir service. In no event shall Co	ardinal be liable for incidental or consequence out of or related to the performance of	use whatsoever shall be deem tental damages, including with I services hereunder by Cardin	ed wai out buil al, regs	wed unle Indion, b	os made i values in of whether	in with terrupt	ing and o done, los	receiv	ed by (loss o	nel with of profit	in 30 days also is incurred by o	r completion of the steat, its subsidier	io applical ios, io.	bio Ye	es .	□ No	Add	Phon	e #:					
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FQIRM-006 Revision 1.0

Received by OCD: 2/7/2023 7:32:21 AM

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



June 03, 2022

JOEL LOWRY
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 05/24/22 15:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

A ... - I. ... - d D. .. CK/

Received: 05/24/2022 Reported: 06/03/2022

Project Name: CHICAGO 9-8 W0HE FEE COM 1

Project Number: 15066

Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 05/23/2022

Sampling Type: Soil

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

Sample ID: FS 106 @ 2' (H222215-01)

BTEX 8021B	mg,	'kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.12	106	2.00	0.185	
Toluene*	<0.050	0.050	05/27/2022	ND	2.08	104	2.00	0.788	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	2.04	102	2.00	0.451	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	6.32	105	6.00	1.16	
Total BTEX	<0.300	0.300	05/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/27/2022	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2022	ND	207	103	200	2.79	
DRO >C10-C28*	15.7	10.0	05/26/2022	ND	203	101	200	6.76	
EXT DRO >C28-C36	<10.0	10.0	05/26/2022	ND					
Surrogate: 1-Chlorooctane	127	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	129	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/24/2022 Sampling Date: 05/23/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Analyzed By: CK/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 107 @ 6.5' (H222215-02)

BTEX 8021B

	9/	9	7	7: - 0:11					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.12	106	2.00	0.185	
Toluene*	<0.050	0.050	05/27/2022	ND	2.08	104	2.00	0.788	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	2.04	102	2.00	0.451	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	6.32	105	6.00	1.16	
Total BTEX	<0.300	0.300	05/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/27/2022	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2022	ND	207	103	200	2.79	
DRO >C10-C28*	<10.0	10.0	05/26/2022	ND	203	101	200	6.76	
EXT DRO >C28-C36	<10.0	10.0	05/26/2022	ND					
Surrogate: 1-Chlorooctane	114 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	112 9	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/24/2022 Sampling Date: 05/23/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Analyzed By: CK/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 108 @ 5.5' (H222215-03)

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	05/27/2022	ND	2.12	106	2.00	0.185	
Toluene*	<0.050	0.050	05/27/2022	ND	2.08	104	2.00	0.788	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	2.04	102	2.00	0.451	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	6.32	105	6.00	1.16	
Total BTEX	<0.300	0.300	05/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	05/27/2022	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2022	ND	207	103	200	2.79	
DRO >C10-C28*	<10.0	10.0	05/26/2022	ND	203	101	200	6.76	
EXT DRO >C28-C36	<10.0	10.0	05/26/2022	ND					
Surrogate: 1-Chlorooctane	128	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	130	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/24/2022 Sampling Date: 05/23/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 15066 Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 109 @ 5.5' (H222215-04)

BTEX 8021B	mg/	kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.12	106	2.00	0.185	
Toluene*	<0.050	0.050	05/27/2022	ND	2.08	104	2.00	0.788	
Ethylbenzene*	< 0.050	0.050	05/27/2022	ND	2.04	102	2.00	0.451	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	6.32	105	6.00	1.16	
Total BTEX	<0.300	0.300	05/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	05/27/2022	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2022	ND	207	103	200	2.79	
DRO >C10-C28*	<10.0	10.0	05/26/2022	ND	203	101	200	6.76	
EXT DRO >C28-C36	<10.0	10.0	05/26/2022	ND					
Surrogate: 1-Chlorooctane	110 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	112 9	6 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/24/2022 Sampling Date: 05/23/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Analyzed By: CK/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 110 @ 5' (H222215-05)

BTEX 8021B

DILX GOZID	11197	, kg	Allulyzo	a by. cit,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.12	106	2.00	0.185	
Toluene*	<0.050	0.050	05/27/2022	ND	2.08	104	2.00	0.788	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	2.04	102	2.00	0.451	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	6.32	105	6.00	1.16	
Total BTEX	<0.300	0.300	05/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/27/2022	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2022	ND	207	103	200	2.79	
DRO >C10-C28*	<10.0	10.0	05/26/2022	ND	203	101	200	6.76	
EXT DRO >C28-C36	<10.0	10.0	05/26/2022	ND					
Surrogate: 1-Chlorooctane	95.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.3	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/24/2022 Sampling Date: 05/23/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Analyzed By: CK

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 111 @ 5' (H222215-06)

BTEX 8021B

	9,	9	7	7: - 0::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.00	99.9	2.00	0.527	
Toluene*	<0.050	0.050	05/27/2022	ND	2.03	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	1.94	97.0	2.00	0.128	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	5.79	96.4	6.00	0.338	
Total BTEX	<0.300	0.300	05/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/27/2022	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2022	ND	207	103	200	2.79	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	203	101	200	6.76	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	93.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.1	% 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/24/2022 Sampling Date: 05/23/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: EW 8 (H222215-07)

BTEX 8021B	mg	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.00	99.9	2.00	0.527	
Toluene*	<0.050	0.050	05/27/2022	ND	2.03	102	2.00	1.38	
Ethylbenzene*	< 0.050	0.050	05/27/2022	ND	1.94	97.0	2.00	0.128	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	5.79	96.4	6.00	0.338	
Total BTEX	<0.300	0.300	05/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	05/27/2022	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2022	ND	207	103	200	2.79	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	203	101	200	6.76	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	102	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	101	% 59.5-14	22						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/24/2022 Sampling Date: 05/24/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 15066 Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 112 @ 6' (H222215-08)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.00	99.9	2.00	0.527	
Toluene*	<0.050	0.050	05/27/2022	ND	2.03	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	1.94	97.0	2.00	0.128	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	5.79	96.4	6.00	0.338	
Total BTEX	<0.300	0.300	05/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/27/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2022	ND	207	103	200	2.79	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	203	101	200	6.76	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	103 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	100 9	6 59.5-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/24/2022 Sampling Date: 05/24/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 15066 Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 113 @ 5' (H222215-09)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.00	99.9	2.00	0.527	
Toluene*	<0.050	0.050	05/27/2022	ND	2.03	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	1.94	97.0	2.00	0.128	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	5.79	96.4	6.00	0.338	
Total BTEX	<0.300	0.300	05/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/27/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2022	ND	207	103	200	2.79	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	203	101	200	6.76	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	98.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.2	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 05/24/2022 Sampling Date: 05/24/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: CHICAGO 9-8 W0HE FEE COM 1 Sampling Condition: Cool & Intact
Project Number: 15066 Sample Received By: Shalyn Rodriguez

Analyzed By: CK

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FS 114 @ 4.5' (H222215-10)

BTEX 8021B

	9/	9	7111411720	7 0.1					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2022	ND	2.00	99.9	2.00	0.527	
Toluene*	<0.050	0.050	05/27/2022	ND	2.03	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	1.94	97.0	2.00	0.128	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	5.79	96.4	6.00	0.338	
Total BTEX	<0.300	0.300	05/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	05/27/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2022	ND	207	103	200	2.79	
DRO >C10-C28*	<10.0	10.0	05/27/2022	ND	203	101	200	6.76	
EXT DRO >C28-C36	<10.0	10.0	05/27/2022	ND					
Surrogate: 1-Chlorooctane	98.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.4	% 59.5-14	2						

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Notes and Definitions

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

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

ecovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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	101 East				

No Rush

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

		Company Name: Etech Environmental & Safety Solutions, Inc.							BILL TO					ANALYSIS REQUEST											
	Project Manager: Lance Crenshaw							P	P.O. #:							T	T		T	T	T		T		
Address: 2617 W Marland							c	Company Me wboune																	
City: Hobbs State: NM Zip: 88240 Phone #: (575) 264-9884 Fax #: — Project #: \ 5 0 6 b Project Owner: Robbie Rune 1 Project Name: Chicago 9-8 WOHE Fee Com Project Location: Mewbourne Oil Company Sampler Name: Eric Mojica							A	ttn:/	Jah.	10	P	1.									1 1				
							A	Attn: Robbie Runnels Address: 4801 Business P. H.S City: Hobbs											1			Î			
							C											1							
							9	State/VM Zip: 8824				DUA		8	18		1	1							
							1	Phone #:					Chloride	TPH (8015M)	BTEX (8021B)										
Sampler Name: Fair Mais						E	Fax #: -					욹													
FOR LAB USE CALLY MATRIX						PRESERV. SAMPLING					1						- 1								
Lab I.D.	Sample i	.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE OTHER.	ACID/BASE:	ICE / COOF	OTHER:	DATE	TIME												
1	FS 10602		C	1		1		T		1		-2322		V	1	1	1								
2 %	FS 1080 51	-107eb/2	C			V				V				1	/	V									
ENEM ENEMEN	FS 109057	108e 5/2	C	1		V				V		/		1	1	1									
4 5	FS +100 5	-109e 5½	C	1		1				1	-			1	1	1									_
5 %		1100 5	C	П		1		1		1				1	~	V	1	-	-	-	-			_	_
V 5	EW8FSII	105	C	1	-	V			-	/	<			V	V	V	-	+	-	+-	-	-	-	-	
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8	FS 11206		C	1	+	V	-	+	1	1	-13	-24-22		1	1	1	+	+	+-	+	-	-	-	-	_
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Sampler - LIPS	- Bus - Other:	32 #11			C	Yes Nó	intac	es	(7	nitial	s)													

FORM-006 Revision 1.0

Received by OCD: 2/7/2023 7:32:21 AM

Appendix E Regulatory Correspondence

Ben Arguijo

From: Hamlet, Robert, EMNRD < Robert.Hamlet@state.nm.us>

Sent: Wednesday, December 22, 2021 9:41 AM

To: Ben Arguijo

Cc: Lance Crenshaw; Robbie Runnels; Bratcher, Mike, EMNRD; Hensley, Chad, EMNRD;

Velez, Nelson, EMNRD

Subject: (Extension Approval) NAPP2125960064 - Chicago 9/8 W0HE Fee Com #1H Battery

RE: Incident #NAPP2125960064

Ben,

Your request for an extension to January 31st, 2022 is approved.

Robert Hamlet • Environmental Specialist - Advanced Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
http://www.emnrd.state.nm.us/OCD/



From: Ben Arguijo <bena@etechenv.com> Sent: Friday, December 10, 2021 10:45 AM

To: Enviro, OCD, EMNRD < OCD. Enviro@state.nm.us>

Cc: ocd.environmental@state.nm.us; Lance Crenshaw <lance@etechenv.com>; Robbie Runnels

<rrunnels@mewbourne.com>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>

Subject: [EXTERNAL] NAPP2125960064 - Chicago 9/8 WOHE Fee Com #1H Battery - Extension Request

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

Dear NMOCD Environmental Bureau,

Mewbourne Oil Company (Mewbourne) has recently contracted Etech Environmental & Safety Solutions, Inc. (Etech), to conduct remediation activities for the release known as the Chicago 9/8 W0HE Fee Com #1H Battery (NMOCD Incident #nAPP2125960064) located in Eddy County. Pursuant to NMOCD regulations, a work plan or closure report is due for the release on December 16, 2021. In consideration of Etech's current workload, the upcoming holidays, and the associated fluctuations in staffing levels as people take leave from work to spend time with loved ones, Etech, on behalf of Mewbourne, would like to request an extension until January 31, 2022, in order to allow us time to conduct a proper site assessment, fully delineate the release, and devise an appropriate remediation strategy to advance the site to an NMOCD-approved closure.

If you have any questions or need any additional information, please do not hesitate to contact me by phone or email.

Thank you for your time and consideration.

Respectfully, Ben J. Arguijo

Ben J. ArguijoProject Manager



2507 79th St., Unit A Lubbock, TX 79423-2211 (432) 813-1592

Total Control Panel <u>Login</u>

To: bena@etechenv.com Message Score: 50 High (60): Pass
From: robert.hamlet@state.nm.us My Spam Blocking Level: High Medium (75): Pass

Low (90): Pass

Block this sender
Block state.nm.us

This message was delivered because the content filter score did not exceed your filter level.

Ben Arguijo

From: Hamlet, Robert, EMNRD < Robert.Hamlet@state.nm.us>

Sent: Thursday, April 7, 2022 11:58 AM

To: Ben Arguijo

Cc: Connor Walker; Robbie Runnels; Lance Crenshaw; Bratcher, Mike, EMNRD; Hensley,

Chad, EMNRD; Velez, Nelson, EMNRD; Nobui, Jennifer, EMNRD

Subject: (Extensions Denied) NAPP2125960064 & NAPP2200753107 - Chicago 9/8 W0HE Fee

Com #1H Battery

Categories: NMOCD

RE: Incident #NAPP2125960064 & NAPP2200753107

Ben,

An extension for incident **NAPP2125960064** has already been granted. An extension for incident **NAPP2200753107** should have been requested before the remediation due date of 3/24/2022. Your request for extensions on these two incidents is **denied**. Include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
http://www.emnrd.state.nm.us/OCD/



From: Ben Arguijo <bena@etechenv.com> Sent: Wednesday, April 6, 2022 2:33 PM

To: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>; ocd.environmental@state.nm.us

Cc: Connor Walker <cwalker@mewbourne.com>; Robbie Runnels <rrunnels@mewbourne.com>; Lance Crenshaw <lance@etechenv.com>

Subject: [EXTERNAL] nAPP2125960064 & APP2200753107 - Extension requests - Chicago 9/8 W0HE Fee Com #1H Battery

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

Dear NMOCD Environmental Bureau,

Mewbourne Oil Company (Mewbourne) has contracted Etech Environmental & Safety Solutions, Inc. (Etech), to perform remediation activities for the releases known as the Chicago 9/8 W0HE Fee Com #1H Battery: NMOCD Incident #'s nAPP2125960064 (9/7/21) and nAPP2200753107 (12/24/21). The releases occurred in the same tank battery facility and affected a similar area, and Etech was in the process of delineating and remediating the 9/7/21 release when the

12/24/21 release occurred. Pursuant to NMOCD regulations, a work plan or closure report was due for the 12/24/21 release on 3/24/22. However, Etech has not yet had an opportunity to complete delineation of the commingled impacted area, as the tank battery affected by the releases is in the process of being relocated to another area of the location.

In consideration of this situation, Etech, on behalf of Mewbourne, would like to request an extension until July 1, 2022, in order to 1.) allow Etech time to fully delineate and/or excavate the commingled releases and devise a strategy to advance the site to an NMOCD-approved closure, and 2.) allow time for upcoming fracking activities in the region to be completed. The upcoming fracking activities have the potential to introduce additional safety and environmental concerns on-site due to the increased traffic and personnel that would not otherwise be present under normal operations.

Thank you for your time and consideration.

Respectfully, Ben J. Arguijo

Ben J. ArguijoProject Manager



2507 79th St., Unit A Lubbock, TX 79423-2211 (432) 813-1592

Total Control Panel Login

High (60): Pass

Medium (75): Pass Low (90): Pass

To: bena@etechenv.com
From: robert.hamlet@state.nm.us

Message Score: 1

us My Spam Blocking Level: High

Block this sender
Block state.nm.us

This message was delivered because the content filter score did not exceed your filter level.

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 183407

CONDITIONS

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	183407
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2200753107 CHICAGO 9/8 W0HE FEE COM #1H BATTERY, thank you. This closure is approved.	6/9/2023