

Remediation Summary & Soil Closure Request

Mewbourne Oil Company Barrilleaux PWMS Sharps Line Strike

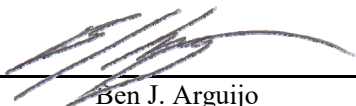

Eddy County, New Mexico
Unit Letter "B", Section 3, Township 20 South, Range 29 East
Latitude 32.60926° North, Longitude 104.06013° West
NMOCD Reference No. nAPP2509337776

Prepared By:

Etech Environmental & Safety Solutions, Inc.

6309 Indiana Ave, Ste. D
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June 23, 2025


Ben J. Arguijo
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Midland • San Antonio • Lubbock • Hobbs • Lafayette

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1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Mewbourne Oil Company, has prepared this *Remediation Summary & Soil Closure Request* for the release site known as the Barrilleaux PWMS Sharps Line Strike (henceforth, "Site"). Details of the release are summarized below:

Location of Release Source

Latitude: 32.60926° Longitude: -104.06013°

Provided GPS are in WGS84 format.

Site Name: Barrilleaux PWMS Sharps Line Strike	Site Type: Wellhead
Date Release Discovered: 3/25/2025	API # (if applicable): N/A

Unit Letter	Section	Township	Range	County
"B"	3	20S	29E	Eddy

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name _____)

Nature and Volume of Release

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 78	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water > 10,000 mg/L?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released	Volume/Weight Recovered

Cause of Release:

Human error. Release was due to a line strike by a pipeline construction company.

Initial Response

- ☒ The source of the release has been stopped.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices
- ☒ All free liquids and recoverable materials have been removed and managed appropriately.

Previously submitted portions of the New Mexico Oil Conservation Division (NMOCD) Form C-141 are available in the NMOCD Permitting System.

2.0 SITE CHARACTERIZATION

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (bgs)?	Between 51 and 75 (ft.)
What method was used to determine the depth to groundwater?	NM OSE iWaters Database Search
Did the release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
What is the minimum distance between the closest lateral extents of the release and the following surface areas?	Between 1 and 5 (mi.)
A continuously flowing watercourse or any other significant watercourse?	Between 1 and 100 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution or church?	Between 1000 (ft.) and ½ (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring?	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field?	Between 1 and 100 (ft.)
A wetland?	Between 1 and 5 (mi.)
A subsurface mine?	Between 1 and 5 (mi.)
A (non-karst) unstable area?	High
Categorize the risk of this well/site being in a karst geology.	Between 1 and 5 (mi.)
A 100-year floodplain?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Did the release impact areas not on an exploration, development, production or storage site?	

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

Additional NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) and Fish and Wildlife Services (FWS) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted in Figures 1, 2A, 2B, and 4.

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the release, inferred depth to groundwater, and NMOCD Siting Criteria, the NMOCD Closure Criteria for the Site are as follows:

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria**†	Reclamation Standards**‡
Between 51 & 75 (ft.)	Chloride (Cl-)	EPA** 300.0 or SM4500 Cl B	600	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	100	100
	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	Yes	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	Yes	50

* Measured in milligrams per kilogram (mg/kg)

** Environmental Protection Agency

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

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

4.0 REMEDIATION ACTIVITIES SUMMARY

Requesting a remediation plan approval with this submission?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Have the lateral and vertical extents of contamination been fully delineated?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Was this release entirely contained within a lined containment area?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
On what estimated date will (or did) the remediation commence?	4/28/2025
On what date will (or did) the final sampling or liner inspection occur?	5/28/2025
On what date will (or was) the remediation complete(d)?	5/28/2025
What is the total surface area (sq. ft.) in need of or that will <i>eventually</i> be reclaimed?	19,533
What is the total volume (cy) in need of or that will <i>eventually</i> be reclaimed?	1,186
What was the total surface area (sq. ft.) that has or will be remediated?	19,533
What was the total volume (cy) that has or will be remediated?	1,240
This remediation utilized the following processes to remediate/reduce contaminants: (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
(In Situ) Soil Vapor Extraction	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
(In Situ) Biological processing (i.e. Microbes/Fertilizer, etc.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Ground Water Abatement pursuant to 19.15.30 NMAC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Other (Non-listed remedial process)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Which OCD approved facility was or will be used for off-site disposal?	R360 Halfway Facility
NMOCD Disposal Facility ID?	fEEM0112334510
Summarize any additional remediation activities not included by answers above.	See below

On April 28, 2025, Etech commenced remediation activities at the Site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD Closure Criteria and NMOCD Reclamation Standards was excavated and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal. Olfactory/visual senses and/or a chloride test kit were utilized to field-screen the horizontal and vertical extent of impacted soil and to guide the excavation. The sidewalls and floor of the excavation were advanced until field tests and field observations suggested that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards. Representative five-point composite confirmation soil samples representing no more than 200 square feet were collected from the sidewalls and floor of the excavated area to be submitted for laboratory analysis. A summary of soil sampling events is provided below:

Constituent	Highest Observed Concentration (mg/kg)	Sample ID	Sample Date	Sample Depth (ft bgs)	Soil Status
Chloride	928	PFL 1 @ 1'	5/1/2025	1	Excavated
TPH	<30.0	All submitted samples	5/1, 5/2, 5/5, 5/9, 5/19, 5/27 & 5/28/25	0-4	Excavated & In-Situ
GRO+DRO	<20.0	All submitted samples	5/1, 5/2, 5/5, 5/9, 5/19, 5/27 & 5/28/25	0-4	Excavated & In-Situ
BTEX	<0.300	All submitted samples	5/1, 5/2, 5/5, 5/9, 5/19, 5/27 & 5/28/25	0-4	Excavated & In-Situ
Benzene	<0.050	All submitted samples	5/1, 5/2, 5/5, 5/9, 5/19, 5/27 & 5/28/25	0-4	Excavated & In-Situ

Please reference Table 1 for additional information.

On May 1, 2025, Etech collected nine (9) confirmation soil samples (PFL 1 @ 1' through PFL 5 @ 3', PNW 1, PEW 1, PSW 1, and PWW 1) from the floor and sidewalls of the excavated area. The soil samples were submitted to a certified, commercial laboratory ("the laboratory") for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples, with the exception of sample PFL 1 @ 1', which exceeded the NMOCD Closure Criterion for chloride. Based on these laboratory analytical results, the excavation was subsequently further advanced in the area characterized by soil sample PFL 1 @ 1'.

On May 2, 2025, Etech collected 22 confirmation soil samples (FL 1 @ 1' through FL 18 @ 1', NW 1, EW 1, SW 1, and WW 1) from the floor and sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples.

On May 9, 2025, Etech collected one (1) confirmation soil sample (PFL 1 @ 1.5') from the floor of the excavated area. The soil sample was submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards.

On May 19, 2025, Etech collected 94 confirmation soil samples (FL 16 @ 2' through FL 93 @ 2', NW 1, EW 2 through EW 8, SW 1, and WW 2 through WW 8) from the floor and sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX and TPH concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. Chloride concentrations were below the Closure Criterion and NMOCD Reclamation Standard in a majority of the submitted soil samples, with the exception of samples FL 23 @ 2', FL 39 @ 1', FL 43 @ 1', FL 46 @ 1.5', and FL 49 @ 1.5'. Based on these laboratory analytical results, the excavation was subsequently further advanced in the areas characterized by soil samples FL 23 @ 2', FL 39 @ 1', FL 43 @ 1', FL 46 @ 1.5', and FL 49 @ 1.5'.

On May 27, 2025, Etech collected three (3) confirmation soil samples (FL 23 @ 3', FL 39 @ 2', and FL 43 @ 2') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples.

On May 28, 2025, Etech collected two (2) confirmation soil samples (FL 46 @ 2' and FL 49 @ 2') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples.

The final dimensions of the excavated area were approximately 62 to 652 feet in length, three (3) to 48 feet in width, and one (1) to four (4) feet in depth. During the course of remediation activities, Etech transported approximately 1,240 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 1,280 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, "Sample Location Map". Soil chemistry data is summarized in Table 1. Field data is provided in Appendix B. General photographs of the Site are provided in Appendix C. Laboratory analytical reports are provided in Appendix D. Copies of all regulatory correspondence are provided in Appendix E.

5.0 SOIL CLOSURE REQUEST

Requesting a deferral of remediation closure due date with the approval of this submission?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Requesting a remediation closure approval with this submission?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Have the lateral and vertical extents of contamination been fully delineated?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Was this release entirely contained within a lined containment area?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the site's existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
What was the total surface area (sq. ft.) remediated?	19,533	
What was the total volume (cy) remediated?	1,240	

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 that 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 that Mewbourne Oil Company provide copies of this *Remediation Summary & Soil Closure Request* to the appropriate agencies and request remediation closure approval be granted to the Site.

6.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste containing earthen material with concentrations of less than 600 mg/kg chloride, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg benzene?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Requesting a reclamation approval with this submission?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Requesting a restoration complete approval with this submission?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
What was the total surface area (in square feet) reclaimed?	19,533	
What was the total volume (in cubic yards) reclaimed?	1,240	

On May 5, 2025, a 5-point composite soil sample (Stockton Pit #1208 - Stockpile) was collected from the material imported to the Site for use as backfill. The soil sample was submitted to the laboratory for analysis of BTEX, TPH, and chloride concentrations. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards and confirmed that the material was acceptable for use as backfill.

Upon receiving laboratory analytical results from confirmation soil samples, the excavated areas were backfilled with locally sourced, non-impacted "like" material placed at or near original relative positions. The affected areas were contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable. Affected areas in the pasture will be revegetated during the first favorable growing season following closure of the Site with an agency and/or landowner-approved seed mix that has been certified to be free of noxious weeds. The seed will be installed at the prescribed rate utilizing either a seed drill or a broadcaster and harrow.

7.0 LIMITATIONS

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

This report has been prepared for the benefit of Mewbourne Oil Company. Use of the information contained in this report is prohibited without the consent of Etech and/or Mewbourne Oil Company.

8.0 DISTRIBUTION

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

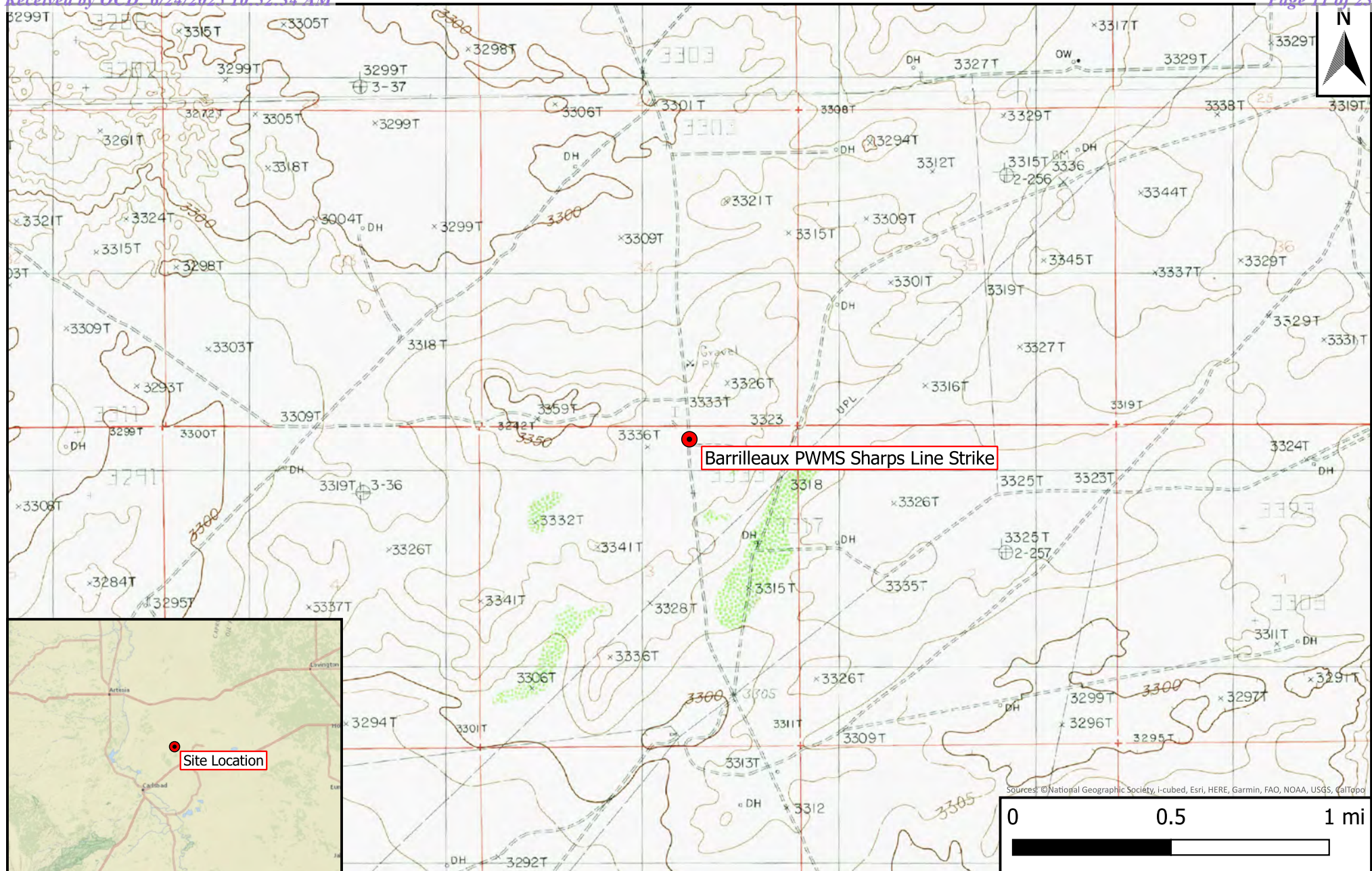
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 2
811 S. First Street
Artesia, NM 88210

United States Department of the Interior
Bureau of Land Management
620 E. Greene Street
Carlsbad, NM 88220

(Electronic Submission)

Figure 1

Site Location Map



Legend

- Site Location

Attachment 1

Site Location Map

Mewbourne Oil Company

Barrilleaux PWMS Sharps Line Strike

GPS: 32.60926,-104.06013

Eddy County, New Mexico

ETECH

Environmental & Safety Solutions, Inc.

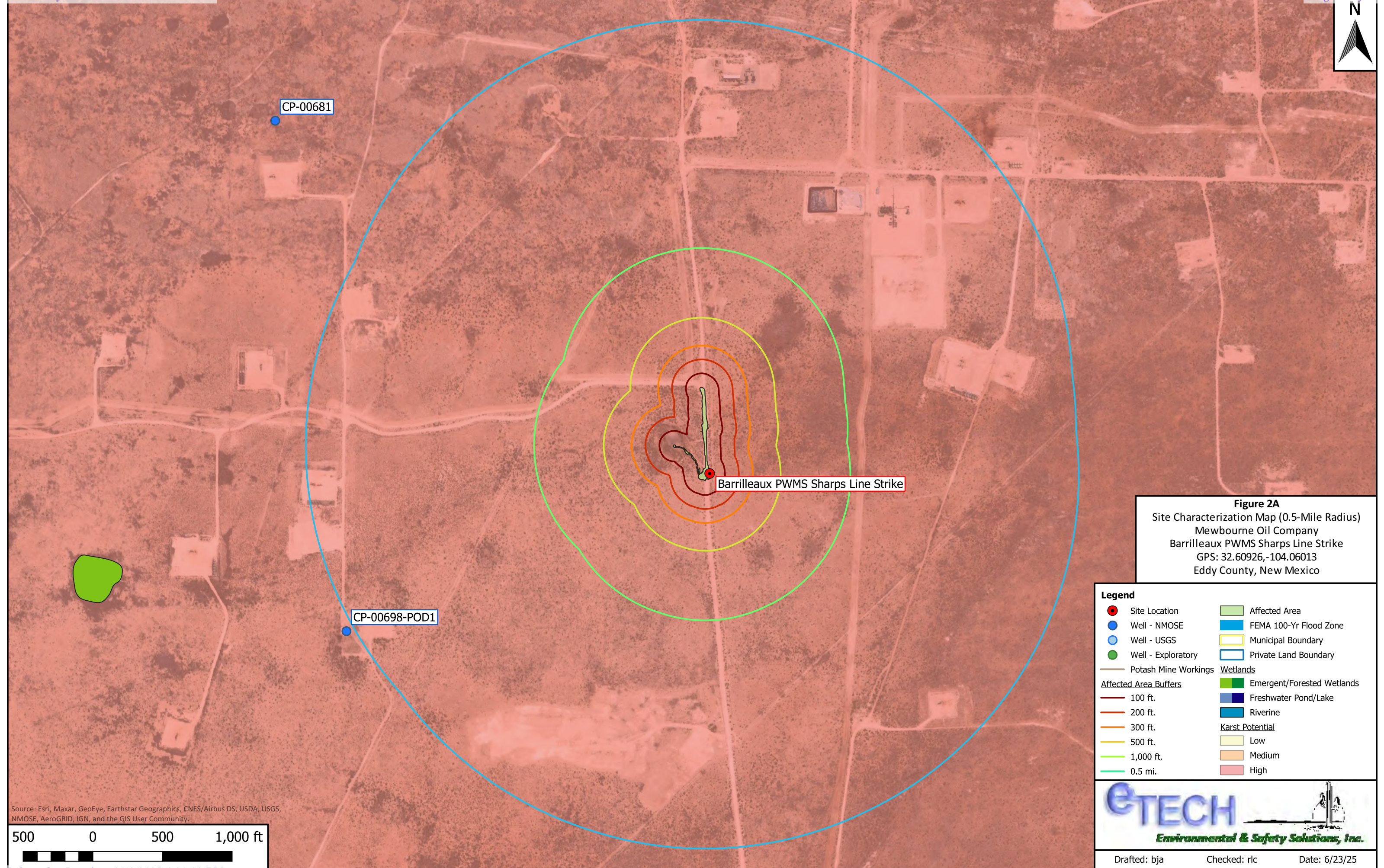
Drafted: bja

Checked: rlc

Date: 6/23/25

Figures 2A & 2B

Site Characterization Maps



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, NMOSE, AeroGRID, IGN, and the GIS User Community.

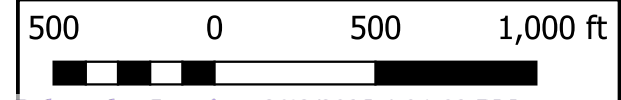


Figure 2A
Site Characterization Map (0.5-Mile Radius)
Mewbourne Oil Company
Barrilleaux PWMS Sharps Line Strike
GPS: 32.60926,-104.06013
Eddy County, New Mexico

Legend

Site Location	Affected Area
Well - NMOSE	FEMA 100-Yr Flood Zone
Well - USGS	Municipal Boundary
Well - Exploratory	Private Land Boundary
Potash Mine Workings	Wetlands
100 ft.	Emergent/Forested Wetlands
200 ft.	Freshwater Pond/Lake
300 ft.	Riverine
500 ft.	Karst Potential
1,000 ft.	Low
0.5 mi.	Medium
	High

ETECH
Environmental & Safety Solutions, Inc.

Drafted: bja Checked: rlc Date: 6/23/25

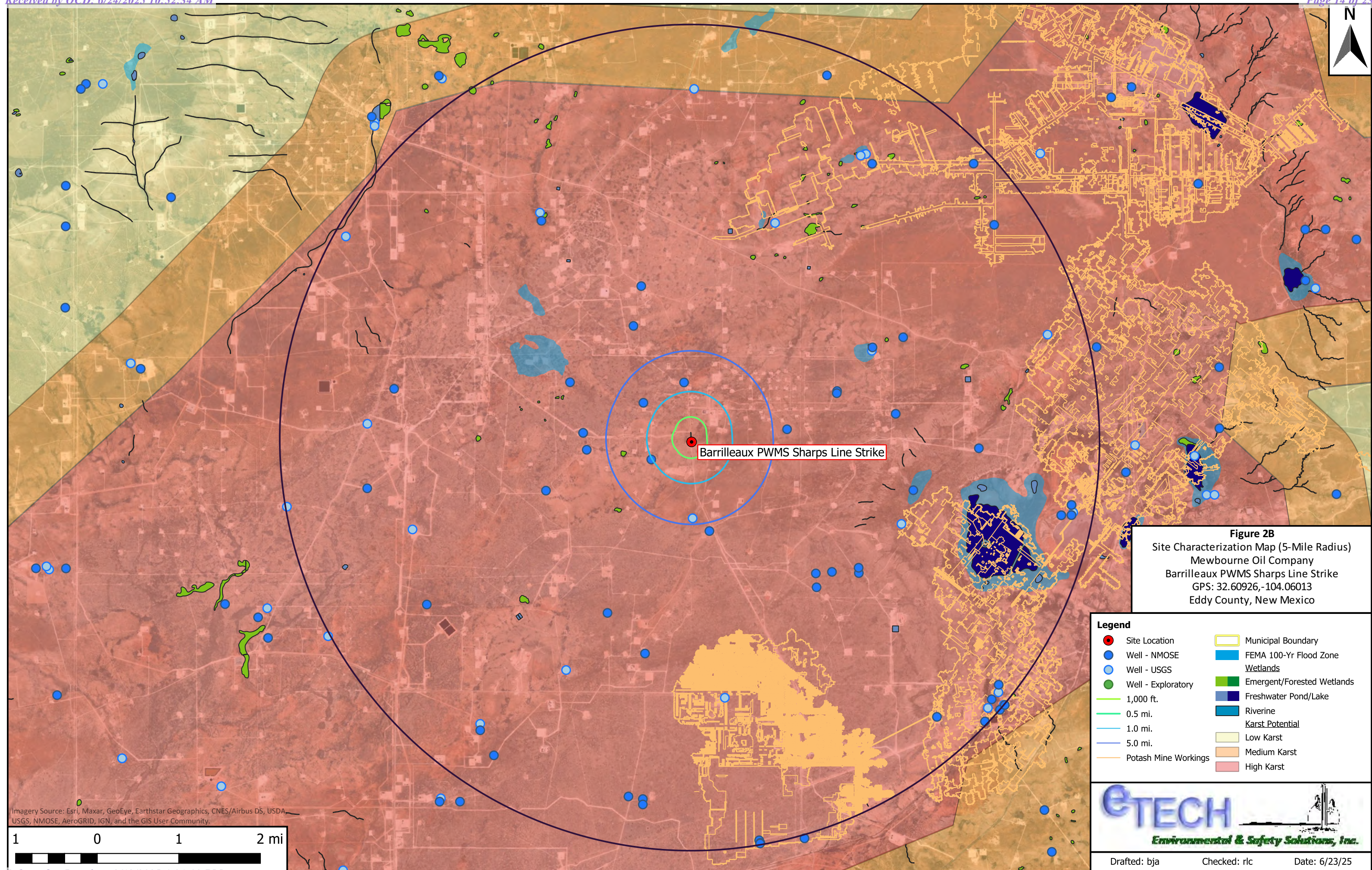


Figure 3

Sample Location Map



Legend	
	Excavation Extent
	Composite Floor Sample
	Composite Wall Sample

Figure 3
Sample Location Map
Mewbourne Oil Company
Barrilleaux PWMS Sharps Line Strike
GPS: 32.60926, -104.06013
Eddy County, New Mexico

Drafted: bja

Checked: lc

Date: 6/23/25

Table 1
Concentrations of BTEX, TPH & Chloride in Soil

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
Mewbourne Oil Company
Barrilleaux PWMS Sharps Line Strike
NMOCD Ref. #: nAPP2509337776

NMOCD Closure Criteria				10	50	N/A	N/A	N/A	N/A	100	600
NMOCD Reclamation Standard				10	50	N/A	N/A	N/A	N/A	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
Excavation Samples											
FL 1 @ 1'	5/2/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
FL 2 @ 1'	5/2/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL 3 @ 1'	5/2/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 4 @ 2'	5/2/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 5 @ 1'	5/2/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 6 @ 1'	5/2/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FL 7 @ 2'	5/2/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL 8 @ 2'	5/2/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL 9 @ 4'	5/2/2025	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL 10 @ 2'	5/2/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 11 @ 2'	5/2/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 12 @ 4'	5/2/2025	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 13 @ 2'	5/2/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	560
FL 14 @ 4'	5/2/2025	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 15 @ 2'	5/2/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FL 16 @ 1'	5/2/2025	1	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 16 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 17 @ 1'	5/2/2025	1	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 17 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 18 @ 1'	5/2/2025	1	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
FL 18 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 19 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 20 @ 6"	5/19/2025	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 21 @ 1'	5/19/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 22 @ 1'	5/19/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 23 @ 2'	5/19/2025	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	608
FL 23 @ 3'	5/27/2025	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FL 24 @ 1'	5/19/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	576
FL 25 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 26 @ 1'	5/19/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL 27 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
FL 28 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
FL 29 @ 1'	5/19/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 30 @ 1'	5/19/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 31 @ 1'	5/19/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 32 @ 1'	5/19/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
FL 33 @ 1'	5/19/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
FL 34 @ 1'	5/19/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496
FL 35 @ 1'	5/19/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	576
FL 36 @ 1'	5/19/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
FL 37 @ 1'	5/19/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
FL 38 @ 1'	5/19/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	560
FL 39 @ 1'	5/19/2025	1	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	608
FL 39 @ 2'	5/27/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 40 @ 1'	5/19/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496
FL 41 @ 1'	5/19/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448

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

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
Mewbourne Oil Company
Barrilleaux PWMS Sharps Line Strike
NMOCD Ref. #: nAPP2509337776

NMOCD Closure Criteria				10	50	N/A	N/A	N/A	N/A	100	600
NMOCD Reclamation Standard				10	50	N/A	N/A	N/A	N/A	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 42 @ 1'	5/19/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	576
FL 43 @ 1'	5/19/2025	1	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	640
FL 43 @ 2'	5/27/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 44 @ 1'	5/19/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
FL 45 @ 1.5'	5/19/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
FL 46 @ 1.5'	5/19/2025	1.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	608
FL 46 @ 2'	5/28/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
FL 47 @ 1.5'	5/19/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	528
FL 48 @ 1.5'	5/19/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
FL 49 @ 1.5'	5/19/2025	1.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	688
FL 49 @ 2'	5/28/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496
FL 50 @ 1.5'	5/19/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 51 @ 1.5'	5/19/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	576
FL 52 @ 1.5'	5/19/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
FL 53 @ 1.5'	5/19/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL 54 @ 1.5'	5/19/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FL 55 @ 1.5'	5/19/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496
FL 56 @ 1.5'	5/19/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FL 57 @ 1.5'	5/19/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
FL 58 @ 1.5'	5/19/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 59 @ 1.5'	5/19/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FL 60 @ 1.5'	5/19/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL 61 @ 1.5'	5/19/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
FL 62 @ 1.5'	5/19/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
FL 63 @ 1.5'	5/19/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496
FL 64 @ 1.5'	5/19/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
FL 65 @ 1.5'	5/19/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
FL 66 @ 1.5'	5/19/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 67 @ 1.5'	5/19/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
FL 68 @ 1.5'	5/19/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 69 @ 1.5'	5/19/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL 70 @ 1.5'	5/19/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 71 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 72 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 73 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
FL 74 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 75 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 76 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 77 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 78 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496
FL 79 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 80 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 81 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 82 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 83 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 84 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 85 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192

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

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company Barrilleaux PWMS Sharps Line Strike NMOCD Ref. #: nAPP2509337776											
NMOCD Closure Criteria				10	50	N/A	N/A	N/A	N/A	100	600
NMOCD Reclamation Standard				10	50	N/A	N/A	N/A	N/A	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 86 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 87 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 88 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 89 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 90 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 91 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 92 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 93 @ 2'	5/19/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
NW 1	5/2/2025	0-1	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
NW 1	5/19/2025	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
EW 1	5/2/2025	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
EW 2	5/19/2025	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW 3	5/19/2025	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
EW 4	5/19/2025	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
EW 5	5/19/2025	0-1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
EW 6	5/19/2025	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
EW 7	5/19/2025	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
EW 8	5/19/2025	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
SW 1	5/2/2025	0-1	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
SW 1	5/19/2025	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
WW 1	5/2/2025	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
WW 2	5/19/2025	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW 3	5/19/2025	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW 4	5/19/2025	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
WW 5	5/19/2025	0-1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
WW 6	5/19/2025	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
WW 7	5/19/2025	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
WW 8	5/19/2025	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
PFL 1 @ 1'	5/1/2025	1	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	928
PFL 1 @ 1.5'	5/9/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
PFL 2 @ 1'	5/1/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
PFL 3 @ 1.5'	5/1/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
PFL 4 @ 1'	5/1/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
PFL 5 @ 3'	5/1/2025	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
PNW 1	5/1/2025	0-1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
PEW 1	5/1/2025	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
PSW 1	5/1/2025	0-1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
PWW 1	5/1/2025	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
Backfill Sample											
Stockton Pit #1208	5/5/2025	N/A	Backfill	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0

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

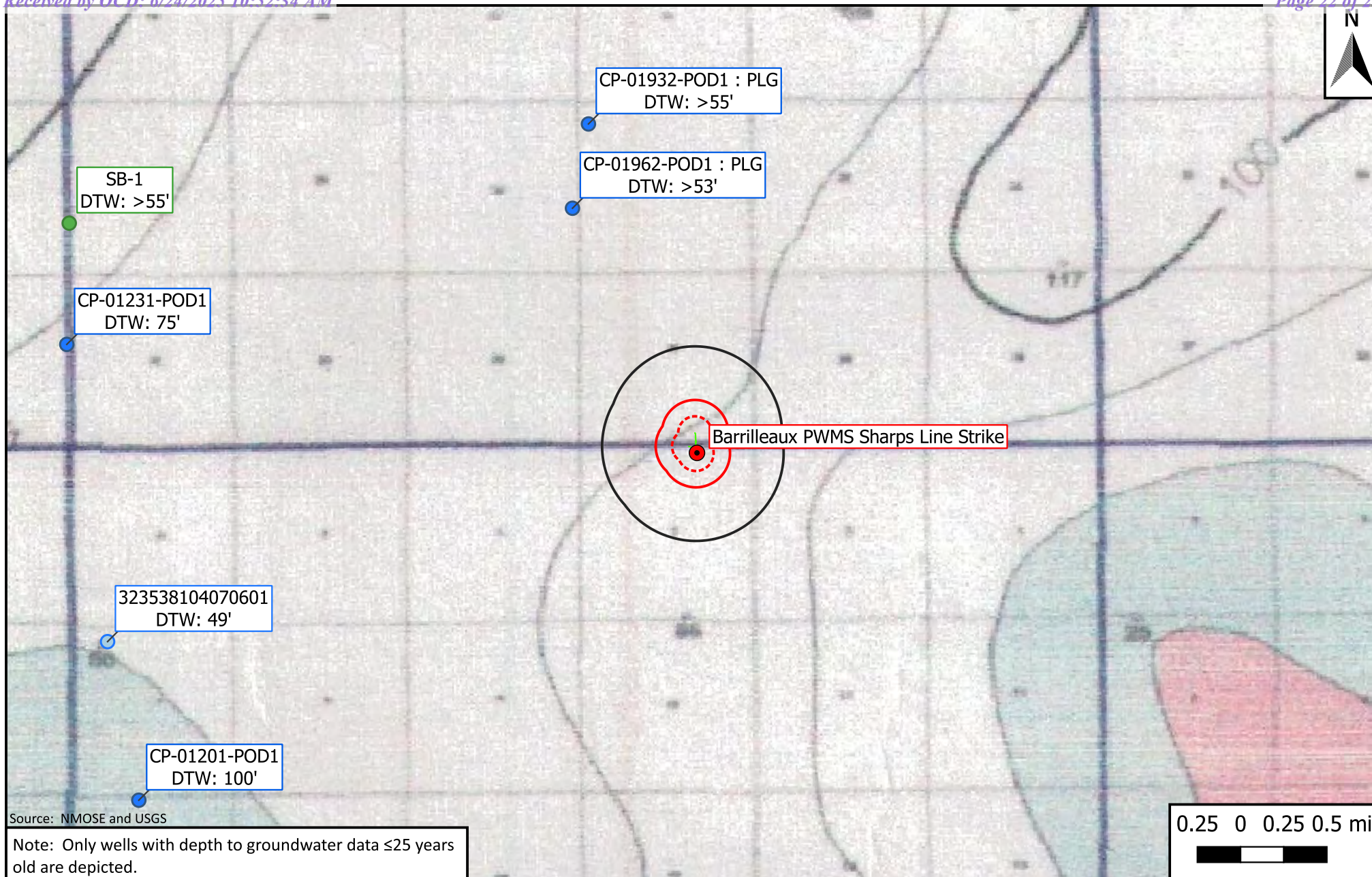
Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

Appendix A

Depth to Groundwater Information

**Legend**

- Site Location
- Well - Exploratory
- Well - NMOSE
- Well - USGS
- 500-Ft Radius
- 1,000-Ft Radius
- 0.5-Mi Radius
- Affected Area

Figure 4

Inferred Depth to Groundwater Map
 Mewbourne Oil Company
 Barrilleaux PWMS Sharps Line Strike
 GPS: 32.60926, -104.06013
 Eddy County, New Mexico



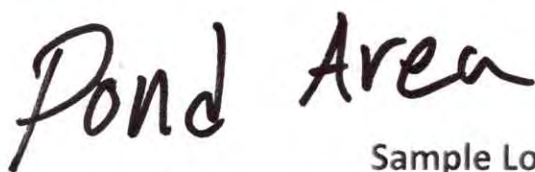
Drafted: bja

Checked: rlc

Date: 6/23/25

Appendix B

Field Data



Sample Log

Bannilleux

Date:

Project Number:

Latitude:

Longitude:

-103.925377

GPS Sample Points, Center of Comp Areas



Sample Log

Date: _____

Project: Barrilleaux PWMS Sharps Line Strike

Project Number: 22142 Latitude: 32.609257 Longitude: -104.060207

Sample ID	PID/Odor	Chloride Conc.	GPS
FL @ 1 3.0 3.0	---	352	
NW 1 3.0			
FL 2 @ 1 2.0	---		
FL 3 @ 1 2.0	---		
FL 4 @ 1 5.0	---		
FL 5 @ 1 2.0	---		
FL 6 @ 1 3.4	---		
FL 7 @ 1 5.4	---		
FL 4 @ 2 2.4	---		
FL 7 @ 2 1.4	---		
FL 8 @ 1 2.6	---		
FL 9 @ 1 5.0	---		
FL 10 @ 1 5.0	---		
FL 11 @ 1 6.8	---		
FL 12 @ 1 9.4	---		
FL 13 @ 1 4.0	---		
FL 14 @ 1 9.2	---		
FL 15 @ 1 5.8	---		
FL 9 @ 4 2.2	---		
FL 10 @ 2 2.2	---		
FL 11 @ 2 2.0	---		
FL 12 @ 4 2.4	---		
FL 13 @ 2 3.0	---		
FL 14 @ 4 1.6	---		
FL 15 @ 2 2.2	---		
NW 1 2.0	---		
EW 1 3.0	---		
FL 16 @ 1 2.0	---		
FL 17 @ 1 1.4	---		
FL 18 @ 1 3.0	---		
FL 19 @ 1 3.0	---		
SW 1 2.0	---		

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas



Sample Log

Date: _____

Project: _____

Project Number: _____ Latitude: _____ Longitude: _____

Sample ID	PID/Odor	Chloride Conc.	GPS
FL-36		2.8	
FL-37		3.6	
FL-38		3.0	
FL-39		2.4	
FL-40		3.2	
FL-41		3.0	
FL-42		2.6	
FL-43		2.8	
FL-44		3.2	
FL-45		352	
FL-46		240	
FL-47		488	
FL-48		488	
FL-49		276	
FL-50		352	
FL-51		276	
FL-52		240	
FL-53		352	
FL-54		352	
FL-55		488	
FL-56		276	
FL-57		276	
FL-58		556	
FL-59		500	
FL-60		352	
FL-61		412	
FL-62		296	
FL-63		336	
FL-64		488	
FL-65		412	
FL-66		500	
FL-67		596	
FL-68		556	
FL-69		240	
FL-70		296	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas



Sample Log

Date: _____

Project: _____

Project Number: _____ Latitude: _____ Longitude: _____

Sample ID	PID/Odor	Chloride Conc.	GPS
FL-71		226	
FL-72		510	
FL-73		488	
FL-74		440	
FL-75		500	
FL-76		356	
FL-77		204	
FL-78		488	
FL-79		296	
FL-80		356	
FL-81		440	
FL-82		500	
FL-83		114	
FL-84		446	
FL-85		204	
FL-86		226	
FL-87		592	
FL-88		412	
FL-89		488	
FL-90		500	
FL-91		500	
FL-92		356	
FL-93		226	
FL-94		440	
EW-4		230	
WW-4		200	
EW-5		196	
WW-5		756	
EW-6		204	
WW-6		226	
EW-7		226	
WW-7		440	
EW-8		146	
WW-8		746	
NW-1		N/D	
SW-1		N/D	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas

Appendix C

Photographic Log

Photographic Log


Photo Number: 1	
Photo Direction: North	
Photo Description: View of the affected area.	

Photo Number: 2	
Photo Direction: North-Northwest	
Photo Description: View of the affected area.	

Photographic Log


Photo Number: 3	 <p>WGS84 32.60919, -104.06019 3335 N3</p> <p>26Mar25 10:35 MOC Line Strike Barrilleaux 98 Burton Flats Rd, Artesia NM 88220, US 26-Mar-25 10:35:27</p>
Photo Direction: North	
Photo Description: View of the affected area.	

Photo Number: 4	 <p>WGS84 32.61099, -104.06034 3336 SE159</p> <p>26Mar25 10:37 MOC Line Strike Barrilleaux Burton Flats Rd, Artesia NM 88210, US 26-Mar-25 10:37:10</p>
Photo Direction: South-Southeast	
Photo Description: View of the affected area.	

Photographic Log



Photographic Log

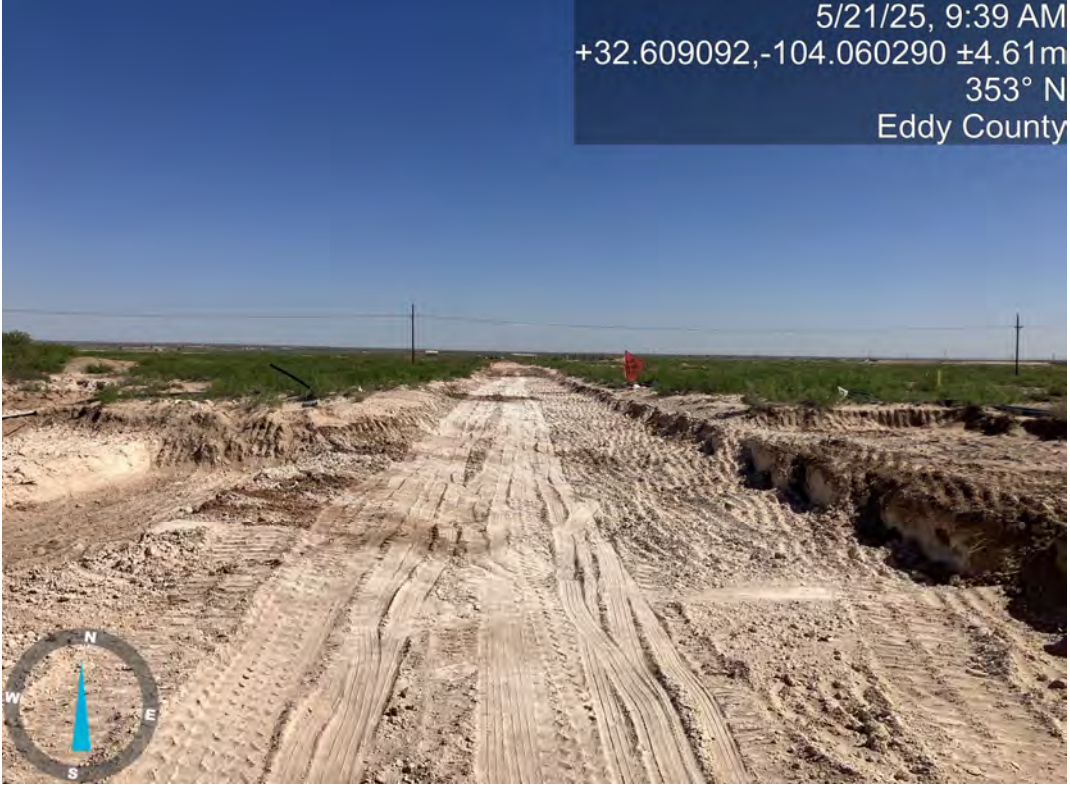
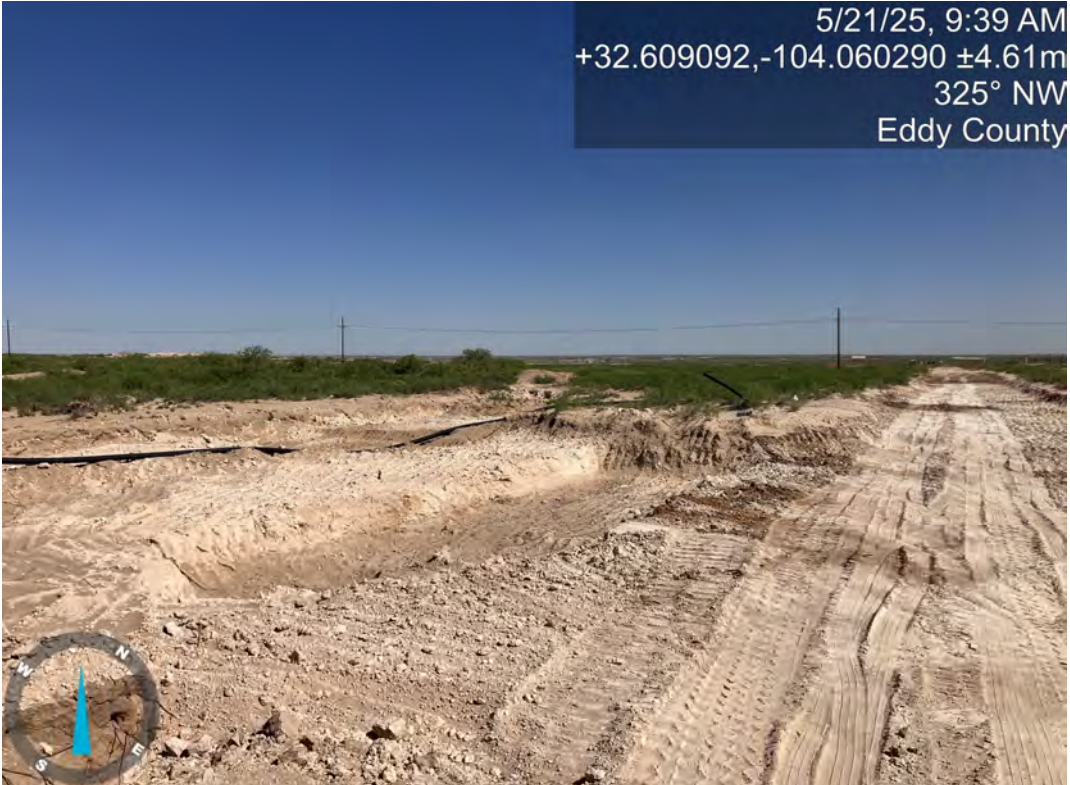
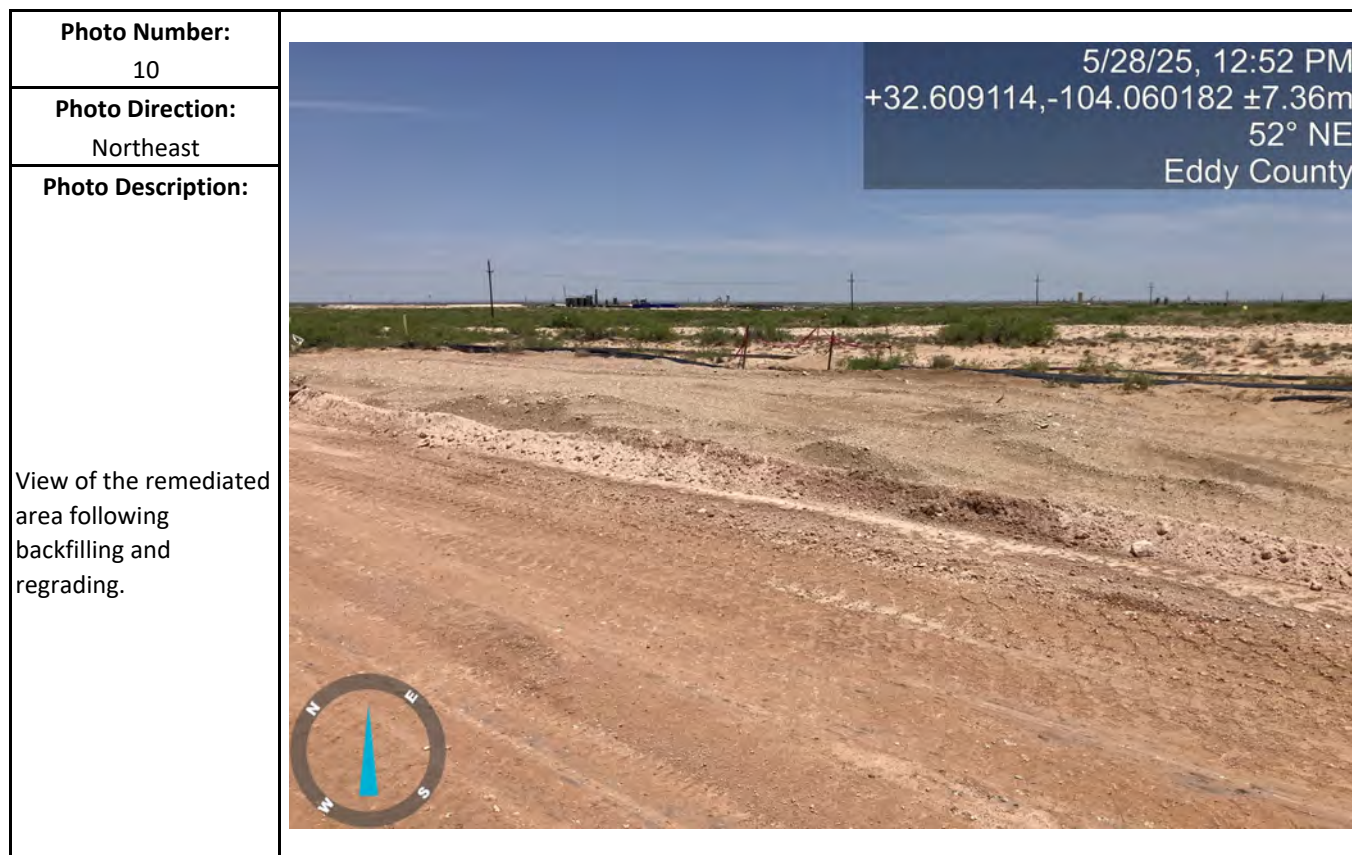
Photo Number: 7	<div>5/21/25, 9:39 AM +32.609092,-104.060290 ±4.61m 353° N Eddy County</div>  A photograph showing a wide, straight path of light-colored soil and gravel, heavily marked with parallel tire tracks. The path stretches from the foreground into the distance. On either side of the path, there are deep, irregular excavations or ditches. The background shows a flat landscape with sparse green vegetation and a clear blue sky. A small red flag is visible on the right side of the path in the distance. A circular compass rose is overlaid in the bottom left corner of the photo, with a blue arrow pointing towards the top of the frame, indicating North.
Photo Direction: North	
Photo Description: View of the excavated area.	

Photo Number: 8	<div>5/21/25, 9:39 AM +32.609092,-104.060290 ±4.61m 325° NW Eddy County</div>  A photograph showing a similar scene to the first one, with a path of soil and gravel marked with tire tracks. The path is slightly more curved and leads towards the horizon. The excavations on the sides are visible. The background is the same flat landscape with green vegetation and a clear blue sky. A circular compass rose is overlaid in the bottom left corner of the photo, with a blue arrow pointing towards the top-left of the frame, indicating Northwest.
Photo Direction: Northwest	
Photo Description: View of the excavated area.	

Photographic Log



Photographic Log



Photographic Log

Photo Number: 13	
Photo Direction: South-Southeast	
Photo Description: View of the remediated area following backfilling and regrading.	

Photo Number: 14	
Photo Direction: South-Southwest	
Photo Description: View of the remediated area following backfilling and regrading.	

Appendix D

Laboratory Analytical Reports



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

May 08, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BARRILLEAUX POND

Enclosed are the results of analyses for samples received by the laboratory on 05/02/25 14:53.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/02/2025
 Reported: 05/08/2025
 Project Name: BARRILLEAUX POND
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE 32.609257, -104.060207

Sampling Date: 05/01/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PFL 1 @ 1' (H252649-01)

BTX 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	05/05/2025	ND	1.96	98.1	2.00	4.44	
Toluene*	<0.050	0.050	05/05/2025	ND	2.17	109	2.00	0.324	
Ethylbenzene*	<0.050	0.050	05/05/2025	ND	2.39	119	2.00	1.29	
Total Xylenes*	<0.150	0.150	05/05/2025	ND	7.22	120	6.00	2.05	
Total BTX	<0.300	0.300	05/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	05/05/2025	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	05/05/2025	ND	188	93.8	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/05/2025	ND	177	88.7	200	2.46	
EXT DRO >C28-C36	<10.0	10.0	05/05/2025	ND					

Surrogate: 1-Chlorooctane 92.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.0 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/02/2025
 Reported: 05/08/2025
 Project Name: BARRILLEAUX POND
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE 32.609257, -104.060207

Sampling Date: 05/01/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PFL 2 @ 1' (H252649-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/05/2025	ND	1.96	98.1	2.00	4.44		
Toluene*	<0.050	0.050	05/05/2025	ND	2.17	109	2.00	0.324		
Ethylbenzene*	<0.050	0.050	05/05/2025	ND	2.39	119	2.00	1.29		
Total Xylenes*	<0.150	0.150	05/05/2025	ND	7.22	120	6.00	2.05		
Total BTEx	<0.300	0.300	05/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/05/2025	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	05/05/2025	ND	188	93.8	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/05/2025	ND	177	88.7	200	2.46	
EXT DRO >C28-C36	<10.0	10.0	05/05/2025	ND					

Surrogate: 1-Chlorooctane 96.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.9 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/02/2025
 Reported: 05/08/2025
 Project Name: BARRILLEAUX POND
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE 32.609257, -104.060207

Sampling Date: 05/01/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PFL 3 @ 1.5' (H252649-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/05/2025	ND	1.96	98.1	2.00	4.44		
Toluene*	<0.050	0.050	05/05/2025	ND	2.17	109	2.00	0.324		
Ethylbenzene*	<0.050	0.050	05/05/2025	ND	2.39	119	2.00	1.29		
Total Xylenes*	<0.150	0.150	05/05/2025	ND	7.22	120	6.00	2.05		
Total BTEX	<0.300	0.300	05/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/05/2025	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	05/05/2025	ND	188	93.8	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/05/2025	ND	177	88.7	200	2.46	
EXT DRO >C28-C36	<10.0	10.0	05/05/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/02/2025
 Reported: 05/08/2025
 Project Name: BARRILLEAUX POND
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE 32.609257, -104.060207

Sampling Date: 05/01/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PFL 4 @ 1' (H252649-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/05/2025	ND	1.96	98.1	2.00	4.44		
Toluene*	<0.050	0.050	05/05/2025	ND	2.17	109	2.00	0.324		
Ethylbenzene*	<0.050	0.050	05/05/2025	ND	2.39	119	2.00	1.29		
Total Xylenes*	<0.150	0.150	05/05/2025	ND	7.22	120	6.00	2.05		
Total BTEx	<0.300	0.300	05/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/05/2025	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	05/05/2025	ND	188	93.8	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/05/2025	ND	177	88.7	200	2.46	
EXT DRO >C28-C36	<10.0	10.0	05/05/2025	ND					

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/02/2025
 Reported: 05/08/2025
 Project Name: BARRILLEAUX POND
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE 32.609257, -104.060207

Sampling Date: 05/01/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PFL 5 @ 3' (H252649-05)

BTX 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	05/05/2025	ND	1.96	98.1	2.00	4.44		
Toluene*	<0.050	0.050	05/05/2025	ND	2.17	109	2.00	0.324		
Ethylbenzene*	<0.050	0.050	05/05/2025	ND	2.39	119	2.00	1.29		
Total Xylenes*	<0.150	0.150	05/05/2025	ND	7.22	120	6.00	2.05		
Total BTX	<0.300	0.300	05/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	05/05/2025	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	05/05/2025	ND	188	93.8	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/05/2025	ND	177	88.7	200	2.46	
EXT DRO >C28-C36	<10.0	10.0	05/05/2025	ND					

Surrogate: 1-Chlorooctane 95.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.2 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/02/2025
 Reported: 05/08/2025
 Project Name: BARRILLEAUX POND
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE 32.609257, -104.060207

Sampling Date: 05/01/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PNW 1 (H252649-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/05/2025	ND	1.96	98.1	2.00	4.44		
Toluene*	<0.050	0.050	05/05/2025	ND	2.17	109	2.00	0.324		
Ethylbenzene*	<0.050	0.050	05/05/2025	ND	2.39	119	2.00	1.29		
Total Xylenes*	<0.150	0.150	05/05/2025	ND	7.22	120	6.00	2.05		
Total BTEx	<0.300	0.300	05/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	05/05/2025	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	05/05/2025	ND	189	94.6	200	2.00	
DRO >C10-C28*	<10.0	10.0	05/05/2025	ND	182	91.0	200	0.230	
EXT DRO >C28-C36	<10.0	10.0	05/05/2025	ND					

Surrogate: 1-Chlorooctane 90.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.0 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/02/2025
 Reported: 05/08/2025
 Project Name: BARRILLEAUX POND
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE 32.609257, -104.060207

Sampling Date: 05/01/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PEW 1 (H252649-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/05/2025	ND	1.96	98.1	2.00	4.44		
Toluene*	<0.050	0.050	05/05/2025	ND	2.17	109	2.00	0.324		
Ethylbenzene*	<0.050	0.050	05/05/2025	ND	2.39	119	2.00	1.29		
Total Xylenes*	<0.150	0.150	05/05/2025	ND	7.22	120	6.00	2.05		
Total BTEx	<0.300	0.300	05/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/05/2025	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	05/05/2025	ND	189	94.6	200	2.00	
DRO >C10-C28*	<10.0	10.0	05/05/2025	ND	182	91.0	200	0.230	
EXT DRO >C28-C36	<10.0	10.0	05/05/2025	ND					

Surrogate: 1-Chlorooctane 89.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/02/2025
 Reported: 05/08/2025
 Project Name: BARRILLEAUX POND
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE 32.609257, -104.060207

Sampling Date: 05/01/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PSW 1 (H252649-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/05/2025	ND	1.96	98.1	2.00	4.44		
Toluene*	<0.050	0.050	05/05/2025	ND	2.17	109	2.00	0.324		
Ethylbenzene*	<0.050	0.050	05/05/2025	ND	2.39	119	2.00	1.29		
Total Xylenes*	<0.150	0.150	05/05/2025	ND	7.22	120	6.00	2.05		
Total BTEx	<0.300	0.300	05/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	05/05/2025	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	05/05/2025	ND	189	94.6	200	2.00	
DRO >C10-C28*	<10.0	10.0	05/05/2025	ND	182	91.0	200	0.230	
EXT DRO >C28-C36	<10.0	10.0	05/05/2025	ND					

Surrogate: 1-Chlorooctane 91.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/02/2025
 Reported: 05/08/2025
 Project Name: BARRILLEAUX POND
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE 32.609257, -104.060207

Sampling Date: 05/01/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: PWW 1 (H252649-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/05/2025	ND	1.96	98.1	2.00	4.44		
Toluene*	<0.050	0.050	05/05/2025	ND	2.17	109	2.00	0.324		
Ethylbenzene*	<0.050	0.050	05/05/2025	ND	2.39	119	2.00	1.29		
Total Xylenes*	<0.150	0.150	05/05/2025	ND	7.22	120	6.00	2.05		
Total BTEX	<0.300	0.300	05/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/05/2025	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	05/05/2025	ND	189	94.6	200	2.00	
DRO >C10-C28*	<10.0	10.0	05/05/2025	ND	182	91.0	200	0.230	
EXT DRO >C28-C36	<10.0	10.0	05/05/2025	ND					

Surrogate: 1-Chlorooctane 87.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.8 % 40.6-153

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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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

Page 12 of 12

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Relinquished By: <i>Matt</i>		Date: <i>5-2-25</i>	Received By: <i>S. Rodriguez</i>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address: pm@etechenv.com
Relinquished By:		Date:	Received By:	REMARKS:
		Time:		
Delivered By: (Circle One)	Observed Temp. °C <i>-12.0</i>	Sample Condition	CHECKED BY: (Initials) <i>SR</i>	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C <i>-11.7</i>	<input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	Thermometer ID #140 Correction Factor <i>-0.6</i> <i>+0.3</i>	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C



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

May 09, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BARRILLEAUX PWMS SHARPS LINE STRIKE

Enclosed are the results of analyses for samples received by the laboratory on 05/05/25 15:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/05/2025	Sampling Date:	05/02/2025
Reported:	05/09/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 1 @ 1' (H252673-01)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2025	ND	1.99	99.4	2.00	6.87		
Toluene*	<0.050	0.050	05/06/2025	ND	2.10	105	2.00	6.95		
Ethylbenzene*	<0.050	0.050	05/06/2025	ND	2.11	106	2.00	6.97		
Total Xylenes*	<0.150	0.150	05/06/2025	ND	6.28	105	6.00	7.40		
Total BTEx	<0.300	0.300	05/06/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	05/06/2025	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	05/06/2025	ND	198	99.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	05/06/2025	ND	206	103	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	05/06/2025	ND					

Surrogate: 1-Chlorooctane 84.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/05/2025	Sampling Date:	05/02/2025
Reported:	05/09/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 2 @ 1' (H252673-02)

BTX 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	05/06/2025	ND	1.99	99.4	2.00	6.87		
Toluene*	<0.050	0.050	05/06/2025	ND	2.10	105	2.00	6.95		
Ethylbenzene*	<0.050	0.050	05/06/2025	ND	2.11	106	2.00	6.97		
Total Xylenes*	<0.150	0.150	05/06/2025	ND	6.28	105	6.00	7.40		
Total BTX	<0.300	0.300	05/06/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	05/06/2025	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	05/06/2025	ND	198	99.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	05/06/2025	ND	206	103	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	05/06/2025	ND					

Surrogate: 1-Chlorooctane 87.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/05/2025	Sampling Date:	05/02/2025
Reported:	05/09/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 3 @ 1' (H252673-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2025	ND	1.99	99.4	2.00	6.87		
Toluene*	<0.050	0.050	05/06/2025	ND	2.10	105	2.00	6.95		
Ethylbenzene*	<0.050	0.050	05/06/2025	ND	2.11	106	2.00	6.97		
Total Xylenes*	<0.150	0.150	05/06/2025	ND	6.28	105	6.00	7.40		
Total BTEx	<0.300	0.300	05/06/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/06/2025	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	05/06/2025	ND	198	99.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	05/06/2025	ND	206	103	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	05/06/2025	ND					

Surrogate: 1-Chlorooctane 84.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/05/2025	Sampling Date:	05/02/2025
Reported:	05/09/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 4 @ 2' (H252673-04)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2025	ND	1.99	99.4	2.00	6.87	
Toluene*	<0.050	0.050	05/06/2025	ND	2.10	105	2.00	6.95	
Ethylbenzene*	<0.050	0.050	05/06/2025	ND	2.11	106	2.00	6.97	
Total Xylenes*	<0.150	0.150	05/06/2025	ND	6.28	105	6.00	7.40	
Total BTEx	<0.300	0.300	05/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	05/06/2025	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	05/06/2025	ND	198	99.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	05/06/2025	ND	206	103	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	05/06/2025	ND					

Surrogate: 1-Chlorooctane 88.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/05/2025	Sampling Date:	05/02/2025
Reported:	05/09/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 5 @ 1' (H252673-05)

BTX 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	05/06/2025	ND	1.99	99.4	2.00	6.87		
Toluene*	<0.050	0.050	05/06/2025	ND	2.10	105	2.00	6.95		
Ethylbenzene*	<0.050	0.050	05/06/2025	ND	2.11	106	2.00	6.97		
Total Xylenes*	<0.150	0.150	05/06/2025	ND	6.28	105	6.00	7.40		
Total BTX	<0.300	0.300	05/06/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/06/2025	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	05/06/2025	ND	198	99.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	05/06/2025	ND	206	103	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	05/06/2025	ND					

Surrogate: 1-Chlorooctane 82.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.9 % 40.6-153

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Analytical Results For:

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

Received:	05/05/2025	Sampling Date:	05/02/2025
Reported:	05/09/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 6 @ 1' (H252673-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2025	ND	1.99	99.4	2.00	6.87		
Toluene*	<0.050	0.050	05/06/2025	ND	2.10	105	2.00	6.95		
Ethylbenzene*	<0.050	0.050	05/06/2025	ND	2.11	106	2.00	6.97		
Total Xylenes*	<0.150	0.150	05/06/2025	ND	6.28	105	6.00	7.40		
Total BTEx	<0.300	0.300	05/06/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	05/06/2025	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	05/06/2025	ND	198	99.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	05/06/2025	ND	206	103	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	05/06/2025	ND					

Surrogate: 1-Chlorooctane 83.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.1 % 40.6-153

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
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Received:	05/05/2025	Sampling Date:	05/02/2025
Reported:	05/09/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 7 @ 2' (H252673-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2025	ND	1.99	99.4	2.00	6.87		
Toluene*	<0.050	0.050	05/06/2025	ND	2.10	105	2.00	6.95		
Ethylbenzene*	<0.050	0.050	05/06/2025	ND	2.11	106	2.00	6.97		
Total Xylenes*	<0.150	0.150	05/06/2025	ND	6.28	105	6.00	7.40		
Total BTEx	<0.300	0.300	05/06/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	05/06/2025	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	05/06/2025	ND	198	99.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	05/06/2025	ND	206	103	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	05/06/2025	ND					

Surrogate: 1-Chlorooctane 91.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.5 % 40.6-153

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Analytical Results For:

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 2617 W MARLAND
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Received:	05/05/2025	Sampling Date:	05/02/2025
Reported:	05/09/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 8 @ 2' (H252673-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2025	ND	1.99	99.4	2.00	6.87		
Toluene*	<0.050	0.050	05/06/2025	ND	2.10	105	2.00	6.95		
Ethylbenzene*	<0.050	0.050	05/06/2025	ND	2.11	106	2.00	6.97		
Total Xylenes*	<0.150	0.150	05/06/2025	ND	6.28	105	6.00	7.40		
Total BTEX	<0.300	0.300	05/06/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	05/06/2025	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	05/06/2025	ND	198	99.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	05/06/2025	ND	206	103	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	05/06/2025	ND					

Surrogate: 1-Chlorooctane 80.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.4 % 40.6-153

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
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Received:	05/05/2025	Sampling Date:	05/02/2025
Reported:	05/09/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 9 @ 4' (H252673-09)

BTX 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	05/06/2025	ND	1.99	99.4	2.00	6.87		
Toluene*	<0.050	0.050	05/06/2025	ND	2.10	105	2.00	6.95		
Ethylbenzene*	<0.050	0.050	05/06/2025	ND	2.11	106	2.00	6.97		
Total Xylenes*	<0.150	0.150	05/06/2025	ND	6.28	105	6.00	7.40		
Total BTX	<0.300	0.300	05/06/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	05/06/2025	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	05/06/2025	ND	198	99.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	05/06/2025	ND	206	103	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	05/06/2025	ND					

Surrogate: 1-Chlorooctane 91.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.5 % 40.6-153

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/05/2025	Sampling Date:	05/02/2025
Reported:	05/09/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 10 @ 2' (H252673-10)

BTX 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	05/06/2025	ND	1.99	99.4	2.00	6.87	
Toluene*	<0.050	0.050	05/06/2025	ND	2.10	105	2.00	6.95	
Ethylbenzene*	<0.050	0.050	05/06/2025	ND	2.11	106	2.00	6.97	
Total Xylenes*	<0.150	0.150	05/06/2025	ND	6.28	105	6.00	7.40	
Total BTX	<0.300	0.300	05/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/06/2025	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	05/06/2025	ND	198	99.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	05/06/2025	ND	206	103	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	05/06/2025	ND					

Surrogate: 1-Chlorooctane 89.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.9 % 40.6-153

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Analytical Results For:

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

Received:	05/05/2025	Sampling Date:	05/02/2025
Reported:	05/09/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 11 @ 2' (H252673-11)

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	05/06/2025	ND	1.99	99.4	2.00	6.87		
Toluene*	<0.050	0.050	05/06/2025	ND	2.10	105	2.00	6.95		
Ethylbenzene*	<0.050	0.050	05/06/2025	ND	2.11	106	2.00	6.97		
Total Xylenes*	<0.150	0.150	05/06/2025	ND	6.28	105	6.00	7.40		
Total BTEx	<0.300	0.300	05/06/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	05/06/2025	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	05/06/2025	ND	198	99.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	05/06/2025	ND	206	103	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	05/06/2025	ND					

Surrogate: 1-Chlorooctane 95.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.8 % 40.6-153

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Analytical Results For:

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

Received:	05/05/2025	Sampling Date:	05/02/2025
Reported:	05/09/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 12 @ 4' (H252673-12)

BTX 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	05/06/2025	ND	1.99	99.4	2.00	6.87		
Toluene*	<0.050	0.050	05/06/2025	ND	2.10	105	2.00	6.95		
Ethylbenzene*	<0.050	0.050	05/06/2025	ND	2.11	106	2.00	6.97		
Total Xylenes*	<0.150	0.150	05/06/2025	ND	6.28	105	6.00	7.40		
Total BTX	<0.300	0.300	05/06/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	05/06/2025	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	05/06/2025	ND	198	99.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	05/06/2025	ND	206	103	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	05/06/2025	ND					

Surrogate: 1-Chlorooctane 93.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.6 % 40.6-153

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
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 Fax To:

Received:	05/05/2025	Sampling Date:	05/02/2025
Reported:	05/09/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 13 @ 2' (H252673-13)

BTX 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	05/06/2025	ND	1.99	99.4	2.00	6.87		
Toluene*	<0.050	0.050	05/06/2025	ND	2.10	105	2.00	6.95		
Ethylbenzene*	<0.050	0.050	05/06/2025	ND	2.11	106	2.00	6.97		
Total Xylenes*	<0.150	0.150	05/06/2025	ND	6.28	105	6.00	7.40		
Total BTX	<0.300	0.300	05/06/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	05/06/2025	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	05/06/2025	ND	198	99.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	05/06/2025	ND	206	103	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	05/06/2025	ND					

Surrogate: 1-Chlorooctane 86.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/05/2025	Sampling Date:	05/02/2025
Reported:	05/09/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 14 @ 4' (H252673-14)

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	05/06/2025	ND	1.99	99.4	2.00	6.87		
Toluene*	<0.050	0.050	05/06/2025	ND	2.10	105	2.00	6.95		
Ethylbenzene*	<0.050	0.050	05/06/2025	ND	2.11	106	2.00	6.97		
Total Xylenes*	<0.150	0.150	05/06/2025	ND	6.28	105	6.00	7.40		
Total BTEx	<0.300	0.300	05/06/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/06/2025	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	05/06/2025	ND	198	99.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	05/06/2025	ND	206	103	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	05/06/2025	ND					

Surrogate: 1-Chlorooctane 83.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.8 % 40.6-153

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Analytical Results For:

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

Received:	05/05/2025	Sampling Date:	05/02/2025
Reported:	05/09/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 15 @ 2' (H252673-15)

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	05/06/2025	ND	1.78	89.2	2.00	1.24		
Toluene*	<0.050	0.050	05/06/2025	ND	1.90	94.9	2.00	1.11		
Ethylbenzene*	<0.050	0.050	05/06/2025	ND	1.91	95.6	2.00	0.841		
Total Xylenes*	<0.150	0.150	05/06/2025	ND	6.07	101	6.00	0.867		
Total BTEx	<0.300	0.300	05/06/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	05/06/2025	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	05/06/2025	ND	198	99.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	05/06/2025	ND	206	103	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	05/06/2025	ND					

Surrogate: 1-Chlorooctane 83.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.3 % 40.6-153

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Analytical Results For:

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

Received:	05/05/2025	Sampling Date:	05/02/2025
Reported:	05/09/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 16 @ 1' (H252673-16)

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	05/06/2025	ND	1.78	89.2	2.00	1.24		
Toluene*	<0.050	0.050	05/06/2025	ND	1.90	94.9	2.00	1.11		
Ethylbenzene*	<0.050	0.050	05/06/2025	ND	1.91	95.6	2.00	0.841		
Total Xylenes*	<0.150	0.150	05/06/2025	ND	6.07	101	6.00	0.867		
Total BTEx	<0.300	0.300	05/06/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	05/06/2025	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	05/06/2025	ND	198	99.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	05/06/2025	ND	206	103	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	05/06/2025	ND					

Surrogate: 1-Chlorooctane 85.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/05/2025	Sampling Date:	05/02/2025
Reported:	05/09/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 17 @ 1' (H252673-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2025	ND	1.78	89.2	2.00	1.24		
Toluene*	<0.050	0.050	05/06/2025	ND	1.90	94.9	2.00	1.11		
Ethylbenzene*	<0.050	0.050	05/06/2025	ND	1.91	95.6	2.00	0.841		
Total Xylenes*	<0.150	0.150	05/06/2025	ND	6.07	101	6.00	0.867		
Total BTEx	<0.300	0.300	05/06/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/06/2025	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	05/06/2025	ND	198	99.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	05/06/2025	ND	206	103	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	05/06/2025	ND					

Surrogate: 1-Chlorooctane 90.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.6 % 40.6-153

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Analytical Results For:

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

Received:	05/05/2025	Sampling Date:	05/02/2025
Reported:	05/09/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 18 @ 1' (H252673-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2025	ND	1.78	89.2	2.00	1.24		
Toluene*	<0.050	0.050	05/06/2025	ND	1.90	94.9	2.00	1.11		
Ethylbenzene*	<0.050	0.050	05/06/2025	ND	1.91	95.6	2.00	0.841		
Total Xylenes*	<0.150	0.150	05/06/2025	ND	6.07	101	6.00	0.867		
Total BTEx	<0.300	0.300	05/06/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	05/06/2025	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	05/06/2025	ND	198	99.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	05/06/2025	ND	206	103	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	05/06/2025	ND					

Surrogate: 1-Chlorooctane 94.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.9 % 40.6-153

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Analytical Results For:

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

Received:	05/05/2025	Sampling Date:	05/02/2025
Reported:	05/09/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: NW 1 (H252673-19)

BTX 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	05/06/2025	ND	1.78	89.2	2.00	1.24	
Toluene*	<0.050	0.050	05/06/2025	ND	1.90	94.9	2.00	1.11	
Ethylbenzene*	<0.050	0.050	05/06/2025	ND	1.91	95.6	2.00	0.841	
Total Xylenes*	<0.150	0.150	05/06/2025	ND	6.07	101	6.00	0.867	
Total BTX	<0.300	0.300	05/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/06/2025	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	05/06/2025	ND	198	99.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	05/06/2025	ND	206	103	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	05/06/2025	ND					

Surrogate: 1-Chlorooctane 98.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.9 % 40.6-153

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Analytical Results For:

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

Received:	05/05/2025	Sampling Date:	05/02/2025
Reported:	05/09/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: EW 1 (H252673-20)

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	05/06/2025	ND	1.78	89.2	2.00	1.24		
Toluene*	<0.050	0.050	05/06/2025	ND	1.90	94.9	2.00	1.11		
Ethylbenzene*	<0.050	0.050	05/06/2025	ND	1.91	95.6	2.00	0.841		
Total Xylenes*	<0.150	0.150	05/06/2025	ND	6.07	101	6.00	0.867		
Total BTEX	<0.300	0.300	05/06/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	05/06/2025	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	05/06/2025	ND	198	99.1	200	0.360	
DRO >C10-C28*	<10.0	10.0	05/06/2025	ND	206	103	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	05/06/2025	ND					

Surrogate: 1-Chlorooctane 90.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.5 % 40.6-153

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Analytical Results For:

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

Received:	05/05/2025	Sampling Date:	05/02/2025
Reported:	05/09/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: SW 1 (H252673-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2025	ND	1.78	89.2	2.00	1.24		
Toluene*	<0.050	0.050	05/06/2025	ND	1.90	94.9	2.00	1.11		
Ethylbenzene*	<0.050	0.050	05/06/2025	ND	1.91	95.6	2.00	0.841		
Total Xylenes*	<0.150	0.150	05/06/2025	ND	6.07	101	6.00	0.867		
Total BTEX	<0.300	0.300	05/06/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	05/06/2025	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	05/06/2025	ND	186	93.1	200	1.24	
DRO >C10-C28*	<10.0	10.0	05/06/2025	ND	205	102	200	1.06	
EXT DRO >C28-C36	<10.0	10.0	05/06/2025	ND					

Surrogate: 1-Chlorooctane 73.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.3 % 40.6-153

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Analytical Results For:

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

Received:	05/05/2025	Sampling Date:	05/02/2025
Reported:	05/09/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: WW 1 (H252673-22)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2025	ND	1.78	89.2	2.00	1.24	
Toluene*	<0.050	0.050	05/06/2025	ND	1.90	94.9	2.00	1.11	
Ethylbenzene*	<0.050	0.050	05/06/2025	ND	1.91	95.6	2.00	0.841	
Total Xylenes*	<0.150	0.150	05/06/2025	ND	6.07	101	6.00	0.867	
Total BTEX	<0.300	0.300	05/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/06/2025	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	05/06/2025	ND	186	93.1	200	1.24	
DRO >C10-C28*	<10.0	10.0	05/06/2025	ND	205	102	200	1.06	
EXT DRO >C28-C36	<10.0	10.0	05/06/2025	ND					

Surrogate: 1-Chlorooctane 82.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.5 % 40.6-153

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

Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

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Page 1 of 3

[illegible]

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Relinquished By: <i>Matt M</i>		Date: <i>8-5-25</i>		Received By: <i>Jamara Adams</i>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
		Time: <i>1505</i>				All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date:		Received By:		REMARKS:	
		Time:					
Delivered By: (Circle One)		Observed Temp. °C <i>-12.0</i>		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		CHECKED BY: (Initials) <i>JO</i>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <i>-11.7</i>		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #140 Correction Factor <i>-0.3°C</i>	
				<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C Corrected Temp. °C	

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Page 2 of 3

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																		
Project Manager: Lance Crenshaw				P.O. #:				Chloride	TPH (8015M)	BTEX (8021B)																
Address: 2617 West Marland				Company: Mewbourne																						
City: Hobbs State: NM Zip: 88240				Attn: Connor Walker																						
Phone #: (575) 264-9884 Fax #:				Address:																						
Project #: 22142 Project Owner: Mewbourne Oil Company				City:																						
Project Name: Barrilleaux PWMS Sharps Line Strike				State: Zip:																						
Project Location: 32.609257, -104.060207				Phone #:																						
Sampler Name: Aaron Rios				Fax #:																						
FOR LAB USE ONLY																										
Lab I.D.	Sample I.D.	(GRAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING																	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME												
H252673																										
11	FL 11 @ 2'	C	1			X				X			5/2/25		X	X	X									
12	FL 12 @ 4'	C	1			X				X			5/2/25		X	X	X									
13	FL 13 @ 2'	C	1			X				X			5/2/25		X	X	X									
14	FL 14 @ 4'	C	1			X				X			5/2/25		X	X	X									
15	FL 15 @ 2'	C	1			X				X			5/2/25		X	X	X									
16	FL 16 @ 1'	C	1			X				X			5/2/25		X	X	X									
17	FL 17 @ 1'	C	1			X				X			5/2/25		X	X	X									
18	FL 18 @ 1'	C	1			X				X			5/2/25		X	X	X									
19	NW 1	C	1			X				X			5/2/25		X	X	X									
20	EW 1	C	1			X				X			5/2/25		X	X	X									

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>Matt Mu</i>		Date: <i>5-5-25</i>		Received By: <i>Kamara</i>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____	
		Time: <i>1805</i>				All Results are emailed. Please provide Email address: pm@etechnv.com	
Relinquished By:		Date:		Received By:		REMARKS:	
		Time:					
Delivered By: (Circle One)		Observed Temp. °C <i>-12.0</i>		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		CHECKED BY: (Initials) <i>yo</i>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <i>-11.7</i>		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C	
						Thermometer ID #140 Correction Factor <i>-0.5°C +0.3°C</i> <i>10.5/5/8</i>	

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Page 3 of 3

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Relinquished By: <i>Matt M</i>		Date: <i>5-5-25</i>		Received By: <i>Amara Olden</i>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
		Time: <i>1505</i>				All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date:		Received By:		REMARKS:	
		Time:					
Delivered By: (Circle One)		Observed Temp. °C <i>13.0</i>		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		CHECKED BY: (Initials) <i>VE</i>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <i>-11.7</i>		<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	
						Thermometer ID #140 Correction Factor <i>-0.6°C + 0.3°C</i>	



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

May 12, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BARRILLEAUX PWMS SHARPS LINE STRIKE

Enclosed are the results of analyses for samples received by the laboratory on 05/06/25 12:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/06/2025	Sampling Date:	05/05/2025
Reported:	05/12/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: STOCKTON PIT #1208 - BACKFILL (H252703-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.98	99.2	2.00	5.35	
Toluene*	<0.050	0.050	05/07/2025	ND	1.96	97.9	2.00	5.78	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.94	97.2	2.00	6.94	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.01	100	6.00	7.82	
Total BTEx	<0.300	0.300	05/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/07/2025	ND	400	100	400	3.92		

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	05/06/2025	ND	185	92.4	200	2.51	
DRO >C10-C28*	<10.0	10.0	05/06/2025	ND	181	90.5	200	4.95	
EXT DRO >C28-C36	<10.0	10.0	05/06/2025	ND					

Surrogate: 1-Chlorooctane 96.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.8 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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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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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

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



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

May 13, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BARRILLEAUX PWMS SHARPS LINE STRIKE

Enclosed are the results of analyses for samples received by the laboratory on 05/12/25 13:51.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/12/2025	Sampling Date:	05/09/2025
Reported:	05/13/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: PFL - 1 @ 1.5' (H252805-01)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/12/2025	ND	1.52	75.8	2.00	0.277		
Toluene*	<0.050	0.050	05/12/2025	ND	1.86	92.9	2.00	1.04		
Ethylbenzene*	<0.050	0.050	05/12/2025	ND	1.98	99.1	2.00	2.10		
Total Xylenes*	<0.150	0.150	05/12/2025	ND	6.37	106	6.00	1.97		
Total BTEx	<0.300	0.300	05/12/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/13/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/12/2025	ND	210	105	200	1.54	
DRO >C10-C28*	<10.0	10.0	05/12/2025	ND	210	105	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	05/12/2025	ND					

Surrogate: 1-Chlorooctane 95.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 93.5 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etch Environmental				BILL TO				ANALYSIS REQUEST																															
Project Manager: Lance Crenshaw				P.O. #:																																			
Address: 2617 W Marland Blvd				Company: Mewbourne																																			
City: Hobbs State: NM Zip: 88240				Attn: Connor Walker																																			
Phone #: (575) 264-9884 Fax #:				Address:																																			
Project #: 22142 Project Owner: Mewbourne Oil Company				City:																																			
Project Name: Barrilleaux PWMS Sharps Line Strike				State: Zip:																																			
Project Location: GPS:(32.609257, -104.060207)				Phone #:																																			
Sampler Name: Aaron Rios				Fax #:																																			
FOR LAB USE ONLY		Sample I.D.		MATRIX		PRESERV.		SAMPLING		Chloride TPH BTEX 8021																													
Lab I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER														SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME	
1		c		1		x																								X				5/9/25					

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>Samuel K...</i>		Date: 5/12/25		Received By: <i>apenas</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Time: 1351		Time:		Time:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Relinquished By:		Date:		Received By:		REMARKS: Email copy of COC and results to: PM@etechenv.com <div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> RUSH 24 </div>			
Time:		Time:		Time:					
Delivered By: (Circle One) <i>UPS</i>		Sample Condition		CHECKED BY: (Initials) <i>AP</i>					
Sampler - UPS - Bus - Other: <i>43/140</i>		Cool <input type="checkbox"/> Yes <input type="checkbox"/> No Intact <input type="checkbox"/> Yes <input type="checkbox"/> No				Bill analytical charges to Mewbourne. Bill rush charges to Etch.			

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



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

May 23, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BARRILLEAUX PWMS SHARPS LINE STRIKE

Enclosed are the results of analyses for samples received by the laboratory on 05/19/25 14:54.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/19/2025	Sampling Date:	05/19/2025
Reported:	05/23/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 16 @ 2' (H252998-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2025	ND	1.94	96.8	2.00	4.06	
Toluene*	<0.050	0.050	05/19/2025	ND	2.11	106	2.00	5.30	
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.09	105	2.00	5.90	
Total Xylenes*	<0.150	0.150	05/19/2025	ND	6.44	107	6.00	6.31	
Total BTEx	<0.300	0.300	05/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/20/2025	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	05/19/2025	ND	196	98.0	200	5.78	
DRO >C10-C28*	<10.0	10.0	05/19/2025	ND	221	111	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	05/19/2025	ND					

Surrogate: 1-Chlorooctane 73.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 67.8 % 40.6-153

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/19/2025
 Reported: 05/23/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL 17 @ 2' (H252998-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2025	ND	1.94	96.8	2.00	4.06		
Toluene*	<0.050	0.050	05/19/2025	ND	2.11	106	2.00	5.30		
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.09	105	2.00	5.90		
Total Xylenes*	<0.150	0.150	05/19/2025	ND	6.44	107	6.00	6.31		
Total BTEx	<0.300	0.300	05/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/20/2025	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	05/20/2025	ND	196	98.0	200	5.78	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	221	111	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 85.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/19/2025	Sampling Date:	05/19/2025
Reported:	05/23/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 18 @ 2' (H252998-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2025	ND	1.94	96.8	2.00	4.06		
Toluene*	<0.050	0.050	05/19/2025	ND	2.11	106	2.00	5.30		
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.09	105	2.00	5.90		
Total Xylenes*	<0.150	0.150	05/19/2025	ND	6.44	107	6.00	6.31		
Total BTEx	<0.300	0.300	05/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/20/2025	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	05/20/2025	ND	196	98.0	200	5.78	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	221	111	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 85.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/19/2025
 Reported: 05/23/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL 19 @ 2' (H252998-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2025	ND	1.94	96.8	2.00	4.06		
Toluene*	<0.050	0.050	05/19/2025	ND	2.11	106	2.00	5.30		
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.09	105	2.00	5.90		
Total Xylenes*	<0.150	0.150	05/19/2025	ND	6.44	107	6.00	6.31		
Total BTEX	<0.300	0.300	05/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/20/2025	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	05/20/2025	ND	196	98.0	200	5.78	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	221	111	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 87.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/19/2025
 Reported: 05/23/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL 20 @ 6" (H252998-05)

BTX 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	05/19/2025	ND	1.94	96.8	2.00	4.06		
Toluene*	<0.050	0.050	05/19/2025	ND	2.11	106	2.00	5.30		
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.09	105	2.00	5.90		
Total Xylenes*	<0.150	0.150	05/19/2025	ND	6.44	107	6.00	6.31		
Total BTX	<0.300	0.300	05/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/20/2025	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	05/20/2025	ND	196	98.0	200	5.78	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	221	111	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 80.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/19/2025
 Reported: 05/23/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL 21 @ 1' (H252998-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2025	ND	1.94	96.8	2.00	4.06		
Toluene*	<0.050	0.050	05/19/2025	ND	2.11	106	2.00	5.30		
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.09	105	2.00	5.90		
Total Xylenes*	<0.150	0.150	05/19/2025	ND	6.44	107	6.00	6.31		
Total BTEx	<0.300	0.300	05/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/20/2025	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	05/20/2025	ND	196	98.0	200	5.78	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	221	111	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 91.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/19/2025
 Reported: 05/23/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL 22 @ 1' (H252998-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2025	ND	1.94	96.8	2.00	4.06		
Toluene*	<0.050	0.050	05/19/2025	ND	2.11	106	2.00	5.30		
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.09	105	2.00	5.90		
Total Xylenes*	<0.150	0.150	05/19/2025	ND	6.44	107	6.00	6.31		
Total BTEx	<0.300	0.300	05/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/20/2025	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	05/20/2025	ND	196	98.0	200	5.78	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	221	111	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 90.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/19/2025
 Reported: 05/23/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL 23 @ 2' (H252998-08)

BTX 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	05/20/2025	ND	1.94	96.8	2.00	4.06	
Toluene*	<0.050	0.050	05/20/2025	ND	2.11	106	2.00	5.30	
Ethylbenzene*	<0.050	0.050	05/20/2025	ND	2.09	105	2.00	5.90	
Total Xylenes*	<0.150	0.150	05/20/2025	ND	6.44	107	6.00	6.31	
Total BTX	<0.300	0.300	05/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	05/20/2025	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	05/20/2025	ND	196	98.0	200	5.78	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	221	111	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 76.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2025	Sampling Date:	05/19/2025
Reported:	05/23/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 24 @ 1' (H252998-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2025	ND	1.94	96.8	2.00	4.06		
Toluene*	<0.050	0.050	05/19/2025	ND	2.11	106	2.00	5.30		
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.09	105	2.00	5.90		
Total Xylenes*	<0.150	0.150	05/19/2025	ND	6.44	107	6.00	6.31		
Total BTEx	<0.300	0.300	05/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	05/20/2025	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	05/20/2025	ND	196	98.0	200	5.78	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	221	111	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 90.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.3 % 40.6-153

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Analytical Results For:

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

Received: 05/19/2025
 Reported: 05/23/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL 25 @ 2' (H252998-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2025	ND	1.94	96.8	2.00	4.06		
Toluene*	<0.050	0.050	05/19/2025	ND	2.11	106	2.00	5.30		
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.09	105	2.00	5.90		
Total Xylenes*	<0.150	0.150	05/19/2025	ND	6.44	107	6.00	6.31		
Total BTEX	<0.300	0.300	05/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/20/2025	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	05/20/2025	ND	196	98.0	200	5.78	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	221	111	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 68.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 63.3 % 40.6-153

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Analytical Results For:

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

Received:	05/19/2025	Sampling Date:	05/19/2025
Reported:	05/23/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 26 @ 1' (H252998-11)

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	05/19/2025	ND	1.94	96.8	2.00	4.06		
Toluene*	<0.050	0.050	05/19/2025	ND	2.11	106	2.00	5.30		
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.09	105	2.00	5.90		
Total Xylenes*	<0.150	0.150	05/19/2025	ND	6.44	107	6.00	6.31		
Total BTEx	<0.300	0.300	05/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	05/20/2025	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	05/20/2025	ND	204	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	198	99.2	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 88.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.1 % 40.6-153

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/19/2025	Sampling Date:	05/19/2025
Reported:	05/23/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 27 @ 2' (H252998-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2025	ND	1.94	96.8	2.00	4.06		
Toluene*	<0.050	0.050	05/19/2025	ND	2.11	106	2.00	5.30		
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.09	105	2.00	5.90		
Total Xylenes*	<0.150	0.150	05/19/2025	ND	6.44	107	6.00	6.31		
Total BTEx	<0.300	0.300	05/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	05/20/2025	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	05/20/2025	ND	204	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	198	99.2	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 99.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.1 % 40.6-153

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Analytical Results For:

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

Received: 05/19/2025
 Reported: 05/23/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL 28 @ 2' (H252998-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2025	ND	1.94	96.8	2.00	4.06		
Toluene*	<0.050	0.050	05/19/2025	ND	2.11	106	2.00	5.30		
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.09	105	2.00	5.90		
Total Xylenes*	<0.150	0.150	05/19/2025	ND	6.44	107	6.00	6.31		
Total BTEx	<0.300	0.300	05/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	05/20/2025	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	05/20/2025	ND	204	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	198	99.2	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 97.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 93.6 % 40.6-153

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Analytical Results For:

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

Received: 05/19/2025
 Reported: 05/23/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL 29 @ 1' (H252998-14)

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	05/19/2025	ND	1.94	96.8	2.00	4.06		
Toluene*	<0.050	0.050	05/19/2025	ND	2.11	106	2.00	5.30		
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.09	105	2.00	5.90		
Total Xylenes*	<0.150	0.150	05/19/2025	ND	6.44	107	6.00	6.31		
Total BTEx	<0.300	0.300	05/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/20/2025	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	05/20/2025	ND	204	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	198	99.2	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 92.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 89.5 % 40.6-153

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Analytical Results For:

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

Received: 05/19/2025
 Reported: 05/23/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL 30 @ 1' (H252998-15)

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	05/19/2025	ND	1.94	96.8	2.00	4.06		
Toluene*	<0.050	0.050	05/19/2025	ND	2.11	106	2.00	5.30		
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.09	105	2.00	5.90		
Total Xylenes*	<0.150	0.150	05/19/2025	ND	6.44	107	6.00	6.31		
Total BTEx	<0.300	0.300	05/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/20/2025	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	05/20/2025	ND	204	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	198	99.2	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 97.6 % 40.6-153

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/19/2025	Sampling Date:	05/19/2025
Reported:	05/23/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 31 @ 1' (H252998-16)

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	05/19/2025	ND	1.94	96.8	2.00	4.06		
Toluene*	<0.050	0.050	05/19/2025	ND	2.11	106	2.00	5.30		
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.09	105	2.00	5.90		
Total Xylenes*	<0.150	0.150	05/19/2025	ND	6.44	107	6.00	6.31		
Total BTEx	<0.300	0.300	05/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/20/2025	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	05/20/2025	ND	204	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	198	99.2	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 93.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 89.5 % 40.6-153

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Analytical Results For:

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

Received:	05/19/2025	Sampling Date:	05/19/2025
Reported:	05/23/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 32 @ 1' (H252998-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2025	ND	1.94	96.8	2.00	4.06		
Toluene*	<0.050	0.050	05/19/2025	ND	2.11	106	2.00	5.30		
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.09	105	2.00	5.90		
Total Xylenes*	<0.150	0.150	05/19/2025	ND	6.44	107	6.00	6.31		
Total BTEx	<0.300	0.300	05/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	05/20/2025	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	05/20/2025	ND	204	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	198	99.2	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 94.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/19/2025
 Reported: 05/23/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL 33 @ 1' (H252998-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2025	ND	1.94	96.8	2.00	4.06		
Toluene*	<0.050	0.050	05/20/2025	ND	2.11	106	2.00	5.30		
Ethylbenzene*	<0.050	0.050	05/20/2025	ND	2.09	105	2.00	5.90		
Total Xylenes*	<0.150	0.150	05/20/2025	ND	6.44	107	6.00	6.31		
Total BTEx	<0.300	0.300	05/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	05/20/2025	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	05/20/2025	ND	204	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	198	99.2	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 95.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.8 % 40.6-153

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Analytical Results For:

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

Received: 05/19/2025
 Reported: 05/23/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL 34 @ 1' (H252998-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2025	ND	1.94	96.8	2.00	4.06		
Toluene*	<0.050	0.050	05/19/2025	ND	2.11	106	2.00	5.30		
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.09	105	2.00	5.90		
Total Xylenes*	<0.150	0.150	05/19/2025	ND	6.44	107	6.00	6.31		
Total BTEx	<0.300	0.300	05/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	496	16.0	05/20/2025	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	05/20/2025	ND	204	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	198	99.2	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 98.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.6 % 40.6-153

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Analytical Results For:

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

Received: 05/19/2025
 Reported: 05/23/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL 35 @ 1' (H252998-20)

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	05/20/2025	ND	2.07	103	2.00	2.75	
Toluene*	<0.050	0.050	05/20/2025	ND	2.23	111	2.00	1.83	
Ethylbenzene*	<0.050	0.050	05/20/2025	ND	2.09	104	2.00	2.87	
Total Xylenes*	<0.150	0.150	05/20/2025	ND	6.29	105	6.00	3.03	
Total BTEX	<0.300	0.300	05/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	05/20/2025	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	05/20/2025	ND	204	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	198	99.2	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 88.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/19/2025
 Reported: 05/23/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL 36 @ 1' (H252998-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2025	ND	2.07	103	2.00	2.75		
Toluene*	<0.050	0.050	05/20/2025	ND	2.23	111	2.00	1.83		
Ethylbenzene*	<0.050	0.050	05/20/2025	ND	2.09	104	2.00	2.87		
Total Xylenes*	<0.150	0.150	05/20/2025	ND	6.29	105	6.00	3.03		
Total BTEx	<0.300	0.300	05/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	05/20/2025	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	05/20/2025	ND	204	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	198	99.2	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 77.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.1 % 40.6-153

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Analytical Results For:

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

Received: 05/19/2025
 Reported: 05/23/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL 37 @ 1' (H252998-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2025	ND	2.07	103	2.00	2.75		
Toluene*	<0.050	0.050	05/20/2025	ND	2.23	111	2.00	1.83		
Ethylbenzene*	<0.050	0.050	05/20/2025	ND	2.09	104	2.00	2.87		
Total Xylenes*	<0.150	0.150	05/20/2025	ND	6.29	105	6.00	3.03		
Total BTEx	<0.300	0.300	05/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	05/20/2025	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	05/20/2025	ND	204	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	198	99.2	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 54.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 51.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2025	Sampling Date:	05/19/2025
Reported:	05/23/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 38 @ 1' (H252998-23)

BTX 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	05/20/2025	ND	2.07	103	2.00	2.75		
Toluene*	<0.050	0.050	05/20/2025	ND	2.23	111	2.00	1.83		
Ethylbenzene*	<0.050	0.050	05/20/2025	ND	2.09	104	2.00	2.87		
Total Xylenes*	<0.150	0.150	05/20/2025	ND	6.29	105	6.00	3.03		
Total BTX	<0.300	0.300	05/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	05/20/2025	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	05/20/2025	ND	204	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	198	99.2	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 96.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.4 % 40.6-153

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Analytical Results For:

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

Received: 05/19/2025
 Reported: 05/23/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL 39 @ 1' (H252998-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2025	ND	2.07	103	2.00	2.75		
Toluene*	<0.050	0.050	05/20/2025	ND	2.23	111	2.00	1.83		
Ethylbenzene*	<0.050	0.050	05/20/2025	ND	2.09	104	2.00	2.87		
Total Xylenes*	<0.150	0.150	05/20/2025	ND	6.29	105	6.00	3.03		
Total BTEX	<0.300	0.300	05/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	608	16.0	05/20/2025	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	05/20/2025	ND	204	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	198	99.2	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 97.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 93.1 % 40.6-153

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Analytical Results For:

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

Received:	05/19/2025	Sampling Date:	05/19/2025
Reported:	05/23/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 40 @ 1' (H252998-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2025	ND	2.07	103	2.00	2.75		
Toluene*	<0.050	0.050	05/20/2025	ND	2.23	111	2.00	1.83		
Ethylbenzene*	<0.050	0.050	05/20/2025	ND	2.09	104	2.00	2.87		
Total Xylenes*	<0.150	0.150	05/20/2025	ND	6.29	105	6.00	3.03		
Total BTEx	<0.300	0.300	05/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	496	16.0	05/20/2025	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	05/20/2025	ND	204	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	198	99.2	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 86.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.0 % 40.6-153

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Analytical Results For:

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

Received:	05/19/2025	Sampling Date:	05/19/2025
Reported:	05/23/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 41 @ 1' (H252998-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2025	ND	2.07	103	2.00	2.75		
Toluene*	<0.050	0.050	05/20/2025	ND	2.23	111	2.00	1.83		
Ethylbenzene*	<0.050	0.050	05/20/2025	ND	2.09	104	2.00	2.87		
Total Xylenes*	<0.150	0.150	05/20/2025	ND	6.29	105	6.00	3.03		
Total BTEx	<0.300	0.300	05/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	05/20/2025	ND	448	112	400	3.51		

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	05/20/2025	ND	204	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	198	99.2	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 85.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/19/2025	Sampling Date:	05/19/2025
Reported:	05/23/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 42 @ 1' (H252998-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2025	ND	2.07	103	2.00	2.75		
Toluene*	<0.050	0.050	05/20/2025	ND	2.23	111	2.00	1.83		
Ethylbenzene*	<0.050	0.050	05/20/2025	ND	2.09	104	2.00	2.87		
Total Xylenes*	<0.150	0.150	05/20/2025	ND	6.29	105	6.00	3.03		
Total BTEX	<0.300	0.300	05/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	05/20/2025	ND	448	112	400	3.51	

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	05/20/2025	ND	204	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	198	99.2	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 93.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 89.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/19/2025
 Reported: 05/23/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL 43 @ 1' (H252998-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2025	ND	2.07	103	2.00	2.75		
Toluene*	<0.050	0.050	05/20/2025	ND	2.23	111	2.00	1.83		
Ethylbenzene*	<0.050	0.050	05/20/2025	ND	2.09	104	2.00	2.87		
Total Xylenes*	<0.150	0.150	05/20/2025	ND	6.29	105	6.00	3.03		
Total BTEx	<0.300	0.300	05/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	05/20/2025	ND	448	112	400	3.51		

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	05/20/2025	ND	204	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	198	99.2	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 98.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 97.0 % 40.6-153

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

Analytical Results For:

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

Received: 05/19/2025
 Reported: 05/23/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL 44 @ 1' (H252998-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2025	ND	2.07	103	2.00	2.75		
Toluene*	<0.050	0.050	05/20/2025	ND	2.23	111	2.00	1.83		
Ethylbenzene*	<0.050	0.050	05/20/2025	ND	2.09	104	2.00	2.87		
Total Xylenes*	<0.150	0.150	05/20/2025	ND	6.29	105	6.00	3.03		
Total BTEx	<0.300	0.300	05/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	05/20/2025	ND	448	112	400	3.51		

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	05/20/2025	ND	204	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	198	99.2	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 89.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2025	Sampling Date:	05/19/2025
Reported:	05/23/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: EW 2 (H252998-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2025	ND	2.07	103	2.00	2.75		
Toluene*	<0.050	0.050	05/20/2025	ND	2.23	111	2.00	1.83		
Ethylbenzene*	<0.050	0.050	05/20/2025	ND	2.09	104	2.00	2.87		
Total Xylenes*	<0.150	0.150	05/20/2025	ND	6.29	105	6.00	3.03		
Total BTEX	<0.300	0.300	05/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/20/2025	ND	448	112	400	3.51		

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	05/20/2025	ND	204	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	198	99.2	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/19/2025
 Reported: 05/23/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: EW 3 (H252998-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2025	ND	2.07	103	2.00	2.75		
Toluene*	<0.050	0.050	05/20/2025	ND	2.23	111	2.00	1.83		
Ethylbenzene*	<0.050	0.050	05/20/2025	ND	2.09	104	2.00	2.87		
Total Xylenes*	<0.150	0.150	05/20/2025	ND	6.29	105	6.00	3.03		
Total BTEX	<0.300	0.300	05/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/20/2025	ND	448	112	400	3.51		

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	05/20/2025	ND	211	106	200	0.0412	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	206	103	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 91.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 89.3 % 40.6-153

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Analytical Results For:

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

Received:	05/19/2025	Sampling Date:	05/19/2025
Reported:	05/23/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: WW 2 (H252998-32)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2025	ND	2.07	103	2.00	2.75		
Toluene*	<0.050	0.050	05/20/2025	ND	2.23	111	2.00	1.83		
Ethylbenzene*	<0.050	0.050	05/20/2025	ND	2.09	104	2.00	2.87		
Total Xylenes*	<0.150	0.150	05/20/2025	ND	6.29	105	6.00	3.03		
Total BTEX	<0.300	0.300	05/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/20/2025	ND	448	112	400	3.51		

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	05/20/2025	ND	211	106	200	0.0412	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	206	103	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 92.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/19/2025
 Reported: 05/23/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: WW 3 (H252998-33)

BTX 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	05/20/2025	ND	2.07	103	2.00	2.75		
Toluene*	<0.050	0.050	05/20/2025	ND	2.23	111	2.00	1.83		
Ethylbenzene*	<0.050	0.050	05/20/2025	ND	2.09	104	2.00	2.87		
Total Xylenes*	<0.150	0.150	05/20/2025	ND	6.29	105	6.00	3.03		
Total BTX	<0.300	0.300	05/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/20/2025	ND	448	112	400	3.51	

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	05/20/2025	ND	211	106	200	0.0412	
DRO >C10-C28*	<10.0	10.0	05/20/2025	ND	206	103	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	05/20/2025	ND					

Surrogate: 1-Chlorooctane 87.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 1 of 4

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																			
Project Manager: Lance Crenshaw				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																			
Address: 2617 West Marland				Company: Mewbourne																							
City: Hobbs State: NM Zip: 88240				Attn: Connor Walker																							
Phone #: (575) 264-9884 Fax #:				Address:																							
Project #: 22142 Project Owner: Mewbourne Oil Company				City:																							
Project Name: Barrilleaux PWMS Sharps Line Strike				State: Zip:																							
Project Location: 32.609257, -104.060207				Phone #:																							
Sampler Name: Aaron Rios				Fax #:																							
FOR LAB USE ONLY																											
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX				PRESERV.		SAMPLING													
								GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :				ACID/BASE: ICE / COOL OTHER :		DATE TIME													
H252998				C		1						X		5/19/25													
1 #		FL 16 @ 2'		C		1						X		5/19/25													
2 #		FL 17 @ 2'		C		1						X		5/19/25													
3 #		FL 18 @ 2'		C		1						X		5/19/25													
4 #		FL 19 @ 2'		C		1						X		5/19/25													
5 #		FL 20 @ 6"		C		1						X		5/19/25													
6 #		FL 21 @ 1'		C		1						X		5/19/25													
7 #		FL 22 @ 1'		C		1						X		5/19/25													
8 #		FL 23 @ 2'		C		1						X		5/19/25													
9 #		FL 24 @ 1'		C		1						X		5/19/25													
10 #		FL 25 @ 2'		C		1						X		5/19/25													

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Relinquished By: <i>Matt Ma</i>		Date: 5-19-25 Time: 1454		Received By: <i>S. Rodriguez</i>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Relinquished By:		Date:		Received By:		All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date:		Received By:		REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C -3.4 Corrected Temp. °C -3.1		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) <i>SR</i>	
						Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
						Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	
						Thermometer ID #140 Correction Factor -0.5°C	
						Observed Temp. °C Corrected Temp. °C	

FORM-006 R 3.5 08/05/24

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 4

Page 37 of 39

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Relinquished By: <i>Matt Ma</i>		Date: <i>5-19-25</i>		Received By: <i>S. Padgett</i>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
		Time: <i>1:54</i>				All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date:		Received By:		REMARKS:	
		Time:					
Delivered By: (Circle One)		Observed Temp. °C <i>-3.4°C</i>		Sample Condition Cool Intact		CHECKED BY: (Initials) <i>SP</i>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <i>-3.1°C</i>		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C	
						Thermometer ID #140 Correction Factor -0.6°C	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Relinquished By: <i>Matt Mu</i>		Date: <i>3-A-25</i>		Received By: <i>Spodkigney</i>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
		Time: <i>1454</i>				All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date:		Received By:		REMARKS:	
		Time:					
Delivered By: (Circle One)		Observed Temp. °C <i>-3.4°C</i>		Sample Condition		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <i>-3.1°C</i>		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Bacteria (only) Sample Condition	
				CHECKED BY: (Initials) <i>SK</i>		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
						Thermometer ID #140 Correction Factor -0.6°C	
						Observed Temp. °C Corrected Temp. °C	

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Relinquished By: <i>Matt</i>		Date: <i>5-19-25</i>	Received By: <i>Spokane</i>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
		Time: <i>1454</i>			All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date:	Received By:		REMARKS:	
		Time:				
Delivered By: (Circle One)		Observed Temp. °C <i>-3.4</i>	Sample Condition	CHECKED BY: (Initials) <i>SK</i>	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other:	Corrected Temp. °C <i>-3.1</i>	Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID #140	Cool <input type="checkbox"/> Yes <input type="checkbox"/> No
					Correction Factor -0.6°C	Observed Temp. °C
						Corrected Temp. °C



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

May 27, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BARRILLEAUX PWMS SHARPS LINE STRIKE

Enclosed are the results of analyses for samples received by the laboratory on 05/20/25 14:44.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Coley D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 45 @ 1.5' (H253041-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2025	ND	1.97	98.4	2.00	3.55	
Toluene*	<0.050	0.050	05/21/2025	ND	2.12	106	2.00	3.80	
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	2.14	107	2.00	3.77	
Total Xylenes*	<0.150	0.150	05/21/2025	ND	6.63	111	6.00	3.51	
Total BTEX	<0.300	0.300	05/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	05/22/2025	ND	400	100	400	3.92	

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	05/21/2025	ND	204	102	200	0.0308	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	203	102	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 108 % 44.4-145

Surrogate: 1-Chlorooctadecane 106 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/20/2025
 Reported: 05/27/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 46 @ 1.5' (H253041-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2025	ND	1.97	98.4	2.00	3.55		
Toluene*	<0.050	0.050	05/21/2025	ND	2.12	106	2.00	3.80		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	2.14	107	2.00	3.77		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	6.63	111	6.00	3.51		
Total BTEx	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	05/21/2025	ND	448	112	400	3.51	

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	05/21/2025	ND	204	102	200	0.0308	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	203	102	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 100 % 44.4-145

Surrogate: 1-Chlorooctadecane 100 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 47 @ 1.5' (H253041-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2025	ND	1.97	98.4	2.00	3.55		
Toluene*	<0.050	0.050	05/21/2025	ND	2.12	106	2.00	3.80		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	2.14	107	2.00	3.77		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	6.63	111	6.00	3.51		
Total BTEx	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	05/21/2025	ND	448	112	400	3.51		

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	05/21/2025	ND	204	102	200	0.0308	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	203	102	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 85.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/20/2025
 Reported: 05/27/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 48 @ 1.5' (H253041-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2025	ND	1.97	98.4	2.00	3.55		
Toluene*	<0.050	0.050	05/21/2025	ND	2.12	106	2.00	3.80		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	2.14	107	2.00	3.77		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	6.63	111	6.00	3.51		
Total BTEX	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	512	16.0	05/21/2025	ND	448	112	400	3.51		

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	05/21/2025	ND	204	102	200	0.0308	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	203	102	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 100 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/20/2025
 Reported: 05/27/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 49 @ 1.5' (H253041-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2025	ND	1.97	98.4	2.00	3.55		
Toluene*	<0.050	0.050	05/21/2025	ND	2.12	106	2.00	3.80		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	2.14	107	2.00	3.77		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	6.63	111	6.00	3.51		
Total BTEX	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	688	16.0	05/21/2025	ND	448	112	400	3.51		

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	05/21/2025	ND	204	102	200	0.0308	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	203	102	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 50 @ 1.5' (H253041-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2025	ND	1.97	98.4	2.00	3.55		
Toluene*	<0.050	0.050	05/21/2025	ND	2.12	106	2.00	3.80		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	2.14	107	2.00	3.77		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	6.63	111	6.00	3.51		
Total BTEx	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	05/21/2025	ND	448	112	400	3.51		

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	05/21/2025	ND	204	102	200	0.0308	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	203	102	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 105 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 51 @ 1.5' (H253041-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2025	ND	1.97	98.4	2.00	3.55		
Toluene*	<0.050	0.050	05/21/2025	ND	2.12	106	2.00	3.80		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	2.14	107	2.00	3.77		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	6.63	111	6.00	3.51		
Total BTEx	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	05/21/2025	ND	448	112	400	3.51	

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	05/21/2025	ND	204	102	200	0.0308	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	203	102	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 97.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.9 % 40.6-153

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Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 52 @ 1.5' (H253041-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2025	ND	1.97	98.4	2.00	3.55		
Toluene*	<0.050	0.050	05/21/2025	ND	2.12	106	2.00	3.80		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	2.14	107	2.00	3.77		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	6.63	111	6.00	3.51		
Total BTEx	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	05/21/2025	ND	448	112	400	3.51	

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	05/21/2025	ND	204	102	200	0.0308	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	203	102	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 96.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.9 % 40.6-153

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 53 @ 1.5' (H253041-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2025	ND	1.97	98.4	2.00	3.55		
Toluene*	<0.050	0.050	05/21/2025	ND	2.12	106	2.00	3.80		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	2.14	107	2.00	3.77		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	6.63	111	6.00	3.51		
Total BTEX	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	05/21/2025	ND	448	112	400	3.51		

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	05/21/2025	ND	204	102	200	0.0308	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	203	102	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 103 % 40.6-153

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Analytical Results For:

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 HOBBS NM, 88240
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Received: 05/20/2025
 Reported: 05/27/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 54 @ 1.5' (H253041-10)

BTX 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	05/21/2025	ND	1.91	95.7	2.00	1.97		
Toluene*	<0.050	0.050	05/21/2025	ND	1.63	81.6	2.00	0.981		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	1.67	83.4	2.00	1.67		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	5.05	84.2	6.00	1.97		
Total BTX	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	05/21/2025	ND	448	112	400	3.51		

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	05/21/2025	ND	204	102	200	0.0308	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	203	102	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 107 % 44.4-145

Surrogate: 1-Chlorooctadecane 107 % 40.6-153

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Analytical Results For:

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 HOBBS NM, 88240
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Received: 05/20/2025
 Reported: 05/27/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 55 @ 1.5' (H253041-11)

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	05/21/2025	ND	1.91	95.7	2.00	1.97		
Toluene*	<0.050	0.050	05/21/2025	ND	1.63	81.6	2.00	0.981		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	1.67	83.4	2.00	1.67		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	5.05	84.2	6.00	1.97		
Total BTEx	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	496	16.0	05/21/2025	ND	448	112	400	3.51		

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	05/21/2025	ND	204	102	200	0.0308	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	203	102	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 96.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.5 % 40.6-153

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 56 @ 1.5' (H253041-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2025	ND	1.91	95.7	2.00	1.97		
Toluene*	<0.050	0.050	05/21/2025	ND	1.63	81.6	2.00	0.981		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	1.67	83.4	2.00	1.67		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	5.05	84.2	6.00	1.97		
Total BTEX	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	05/21/2025	ND	448	112	400	3.51		

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	05/21/2025	ND	204	102	200	0.0308	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	203	102	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 107 % 44.4-145

Surrogate: 1-Chlorooctadecane 107 % 40.6-153

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Analytical Results For:

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

Received: 05/20/2025
 Reported: 05/27/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 57 @ 1.5' (H253041-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2025	ND	1.91	95.7	2.00	1.97		
Toluene*	<0.050	0.050	05/21/2025	ND	1.63	81.6	2.00	0.981		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	1.67	83.4	2.00	1.67		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	5.05	84.2	6.00	1.97		
Total BTEX	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	512	16.0	05/21/2025	ND	448	112	400	3.51		

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	05/21/2025	ND	198	99.1	200	0.798	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	186	92.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 107 % 40.6-153

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
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 Fax To:

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 58 @ 1.5' (H253041-14)

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	05/21/2025	ND	1.91	95.7	2.00	1.97		
Toluene*	<0.050	0.050	05/21/2025	ND	1.63	81.6	2.00	0.981		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	1.67	83.4	2.00	1.67		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	5.05	84.2	6.00	1.97		
Total BTEX	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	05/21/2025	ND	448	112	400	3.51		

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	05/21/2025	ND	198	99.1	200	0.798	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	186	92.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 91.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/20/2025
 Reported: 05/27/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 59 @ 1.5' (H253041-15)

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	05/21/2025	ND	1.91	95.7	2.00	1.97		
Toluene*	<0.050	0.050	05/21/2025	ND	1.63	81.6	2.00	0.981		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	1.67	83.4	2.00	1.67		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	5.05	84.2	6.00	1.97		
Total BTEx	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	05/21/2025	ND	448	112	400	3.51		

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	05/21/2025	ND	198	99.1	200	0.798	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	186	92.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 90.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 60 @ 1.5' (H253041-16)

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	05/21/2025	ND	1.91	95.7	2.00	1.97		
Toluene*	<0.050	0.050	05/21/2025	ND	1.63	81.6	2.00	0.981		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	1.67	83.4	2.00	1.67		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	5.05	84.2	6.00	1.97		
Total BTEX	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	05/21/2025	ND	448	112	400	3.51		

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	05/21/2025	ND	198	99.1	200	0.798	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	186	92.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 95.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 93.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 61 @ 1.5' (H253041-17)

BTX 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	05/21/2025	ND	1.91	95.7	2.00	1.97		
Toluene*	<0.050	0.050	05/21/2025	ND	1.63	81.6	2.00	0.981		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	1.67	83.4	2.00	1.67		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	5.05	84.2	6.00	1.97		
Total BTX	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	512	16.0	05/21/2025	ND	448	112	400	3.51		

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	05/21/2025	ND	198	99.1	200	0.798	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	186	92.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 96.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 62 @ 1.5' (H253041-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2025	ND	1.91	95.7	2.00	1.97		
Toluene*	<0.050	0.050	05/21/2025	ND	1.63	81.6	2.00	0.981		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	1.67	83.4	2.00	1.67		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	5.05	84.2	6.00	1.97		
Total BTEx	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	480	16.0	05/21/2025	ND	448	112	400	3.51		

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	05/21/2025	ND	198	99.1	200	0.798	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	186	92.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 86.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 63 @ 1.5' (H253041-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2025	ND	1.91	95.7	2.00	1.97		
Toluene*	<0.050	0.050	05/21/2025	ND	1.63	81.6	2.00	0.981		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	1.67	83.4	2.00	1.67		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	5.05	84.2	6.00	1.97		
Total BTEX	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	496	16.0	05/21/2025	ND	448	112	400	3.51		

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	05/21/2025	ND	198	99.1	200	0.798	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	186	92.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 98.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 64 @ 1.5' (H253041-20)

BTX 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	05/21/2025	ND	1.91	95.7	2.00	1.97		
Toluene*	<0.050	0.050	05/21/2025	ND	1.63	81.6	2.00	0.981		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	1.67	83.4	2.00	1.67		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	5.05	84.2	6.00	1.97		
Total BTX	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	05/21/2025	ND	448	112	400	3.51		

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	05/21/2025	ND	198	99.1	200	0.798	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	186	92.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 99.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 65 @ 1.5' (H253041-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2025	ND	1.91	95.7	2.00	1.97		
Toluene*	<0.050	0.050	05/21/2025	ND	1.63	81.6	2.00	0.981		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	1.67	83.4	2.00	1.67		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	5.05	84.2	6.00	1.97		
Total BTEX	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	05/21/2025	ND	448	112	400	3.51	

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	05/21/2025	ND	198	99.1	200	0.798	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	186	92.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 92.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 66 @ 1.5' (H253041-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2025	ND	1.91	95.7	2.00	1.97		
Toluene*	<0.050	0.050	05/21/2025	ND	1.63	81.6	2.00	0.981		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	1.67	83.4	2.00	1.67		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	5.05	84.2	6.00	1.97		
Total BTEX	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	05/22/2025	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	05/21/2025	ND	198	99.1	200	0.798	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	186	92.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 95.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 93.9 % 40.6-153

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

Analytical Results For:

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

Received: 05/20/2025
 Reported: 05/27/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 67 @ 1.5' (H253041-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2025	ND	1.91	95.7	2.00	1.97		
Toluene*	<0.050	0.050	05/21/2025	ND	1.63	81.6	2.00	0.981		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	1.67	83.4	2.00	1.67		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	5.05	84.2	6.00	1.97		
Total BTEX	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	05/22/2025	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	05/21/2025	ND	198	99.1	200	0.798	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	186	92.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 98.6 % 40.6-153

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Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 68 @ 1.5' (H253041-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2025	ND	1.91	95.7	2.00	1.97		
Toluene*	<0.050	0.050	05/21/2025	ND	1.63	81.6	2.00	0.981		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	1.67	83.4	2.00	1.67		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	5.05	84.2	6.00	1.97		
Total BTEX	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	05/22/2025	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	05/21/2025	ND	198	99.1	200	0.798	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	186	92.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 85.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.5 % 40.6-153

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

Analytical Results For:

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

Received: 05/20/2025
 Reported: 05/27/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 69 @ 1.5' (H253041-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2025	ND	1.91	95.7	2.00	1.97		
Toluene*	<0.050	0.050	05/21/2025	ND	1.63	81.6	2.00	0.981		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	1.67	83.4	2.00	1.67		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	5.05	84.2	6.00	1.97		
Total BTEx	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/22/2025	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	05/21/2025	ND	198	99.1	200	0.798	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	186	92.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 80.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 70 @ 1.5' (H253041-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2025	ND	1.91	95.7	2.00	1.97		
Toluene*	<0.050	0.050	05/21/2025	ND	1.63	81.6	2.00	0.981		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	1.67	83.4	2.00	1.67		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	5.05	84.2	6.00	1.97		
Total BTEX	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	05/22/2025	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	05/21/2025	ND	198	99.1	200	0.798	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	186	92.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 91.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.7 % 40.6-153

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Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 71 @ 2' (H253041-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2025	ND	1.91	95.7	2.00	1.97		
Toluene*	<0.050	0.050	05/21/2025	ND	1.63	81.6	2.00	0.981		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	1.67	83.4	2.00	1.67		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	5.05	84.2	6.00	1.97		
Total BTEX	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	05/22/2025	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	05/21/2025	ND	198	99.1	200	0.798	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	186	92.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 98.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.0 % 40.6-153

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

Analytical Results For:

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

Received: 05/20/2025
 Reported: 05/27/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 72 @ 2' (H253041-28)

BTX 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	05/21/2025	ND	1.91	95.7	2.00	1.97		
Toluene*	<0.050	0.050	05/21/2025	ND	1.63	81.6	2.00	0.981		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	1.67	83.4	2.00	1.67		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	5.05	84.2	6.00	1.97		
Total BTX	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	05/22/2025	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	05/21/2025	ND	198	99.1	200	0.798	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	186	92.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 99.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.4 % 40.6-153

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Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 73 @ 2' (H253041-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2025	ND	1.91	95.7	2.00	1.97		
Toluene*	<0.050	0.050	05/21/2025	ND	1.63	81.6	2.00	0.981		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	1.67	83.4	2.00	1.67		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	5.05	84.2	6.00	1.97		
Total BTEX	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	05/22/2025	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	05/21/2025	ND	198	99.1	200	0.798	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	186	92.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 97.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/20/2025
 Reported: 05/27/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 74 @ 2' (H253041-30)

BTX 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	05/21/2025	ND	1.91	95.7	2.00	0.822	QR-03
Toluene*	<0.050	0.050	05/21/2025	ND	1.96	97.8	2.00	0.291	QR-03
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	1.99	99.3	2.00	0.591	QR-03
Total Xylenes*	<0.150	0.150	05/21/2025	ND	6.22	104	6.00	1.32	QR-03
Total BTX	<0.300	0.300	05/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B			mg/kg		Analyzed By: KH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	05/22/2025	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	05/21/2025	ND	198	99.1	200	0.798	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	186	92.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 99.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 97.6 % 40.6-153

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Analytical Results For:

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

Received: 05/20/2025
 Reported: 05/27/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 75 @ 2' (H253041-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2025	ND	1.91	95.7	2.00	0.822		
Toluene*	<0.050	0.050	05/21/2025	ND	1.96	97.8	2.00	0.291		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	1.99	99.3	2.00	0.591		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	6.22	104	6.00	1.32		
Total BTEx	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	05/22/2025	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	05/21/2025	ND	198	99.1	200	0.798	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	186	92.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 85.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/20/2025
 Reported: 05/27/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 76 @ 2' (H253041-32)

BTX 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	05/21/2025	ND	1.91	95.7	2.00	0.822	
Toluene*	<0.050	0.050	05/21/2025	ND	1.96	97.8	2.00	0.291	
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	1.99	99.3	2.00	0.591	
Total Xylenes*	<0.150	0.150	05/21/2025	ND	6.22	104	6.00	1.32	
Total BTX	<0.300	0.300	05/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/22/2025	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	05/21/2025	ND	198	99.1	200	0.798	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	186	92.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 88.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.0 % 40.6-153

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Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 77 @ 2' (H253041-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2025	ND	1.91	95.7	2.00	0.822		
Toluene*	<0.050	0.050	05/21/2025	ND	1.96	97.8	2.00	0.291		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	1.99	99.3	2.00	0.591		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	6.22	104	6.00	1.32		
Total BTEx	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	05/22/2025	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	05/21/2025	ND	183	91.3	200	0.993	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	198	99.1	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 95.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.7 % 40.6-153

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Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 78 @ 2' (H253041-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2025	ND	1.91	95.7	2.00	0.822		
Toluene*	<0.050	0.050	05/21/2025	ND	1.96	97.8	2.00	0.291		
Ethylbenzene*	<0.050	0.050	05/21/2025	ND	1.99	99.3	2.00	0.591		
Total Xylenes*	<0.150	0.150	05/21/2025	ND	6.22	104	6.00	1.32		
Total BTEx	<0.300	0.300	05/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	05/22/2025	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	05/21/2025	ND	183	91.3	200	0.993	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	198	99.1	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 80.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/20/2025
 Reported: 05/27/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 79 @ 2' (H253041-35)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/22/2025	ND	1.91	95.7	2.00	0.822		
Toluene*	<0.050	0.050	05/22/2025	ND	1.96	97.8	2.00	0.291		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.99	99.3	2.00	0.591		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	6.22	104	6.00	1.32		
Total BTEx	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	05/22/2025	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	05/21/2025	ND	183	91.3	200	0.993	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	198	99.1	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 71.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 61.7 % 40.6-153

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Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 80 @ 2' (H253041-36)

BTX 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	05/22/2025	ND	1.91	95.7	2.00	0.822		
Toluene*	<0.050	0.050	05/22/2025	ND	1.96	97.8	2.00	0.291		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.99	99.3	2.00	0.591		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	6.22	104	6.00	1.32		
Total BTX	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	05/22/2025	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	05/21/2025	ND	183	91.3	200	0.993	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	198	99.1	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 81.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.9 % 40.6-153

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Analytical Results For:

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

Received: 05/20/2025
 Reported: 05/27/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 81 @ 2' (H253041-37)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/22/2025	ND	1.91	95.7	2.00	0.822		
Toluene*	<0.050	0.050	05/22/2025	ND	1.96	97.8	2.00	0.291		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.99	99.3	2.00	0.591		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	6.22	104	6.00	1.32		
Total BTEx	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	05/22/2025	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	05/21/2025	ND	183	91.3	200	0.993	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	198	99.1	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 71.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 62.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 82 @ 2' (H253041-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/22/2025	ND	1.91	95.7	2.00	0.822		
Toluene*	<0.050	0.050	05/22/2025	ND	1.96	97.8	2.00	0.291		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.99	99.3	2.00	0.591		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	6.22	104	6.00	1.32		
Total BTEX	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	05/22/2025	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	05/21/2025	ND	183	91.3	200	0.993	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	198	99.1	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 81.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.8 % 40.6-153

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Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 83 @ 2' (H253041-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/22/2025	ND	1.91	95.7	2.00	0.822		
Toluene*	<0.050	0.050	05/22/2025	ND	1.96	97.8	2.00	0.291		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.99	99.3	2.00	0.591		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	6.22	104	6.00	1.32		
Total BTEx	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	05/22/2025	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	05/21/2025	ND	183	91.3	200	0.993	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	198	99.1	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 75.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 64.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/20/2025
 Reported: 05/27/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 84 @ 2' (H253041-40)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/22/2025	ND	1.91	95.7	2.00	0.822		
Toluene*	<0.050	0.050	05/22/2025	ND	1.96	97.8	2.00	0.291		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.99	99.3	2.00	0.591		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	6.22	104	6.00	1.32		
Total BTEx	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	05/22/2025	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	05/21/2025	ND	183	91.3	200	0.993	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	198	99.1	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 81.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.0 % 40.6-153

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Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 85 @ 2' (H253041-41)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/22/2025	ND	1.91	95.7	2.00	0.822		
Toluene*	<0.050	0.050	05/22/2025	ND	1.96	97.8	2.00	0.291		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.99	99.3	2.00	0.591		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	6.22	104	6.00	1.32		
Total BTEx	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	05/22/2025	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	05/21/2025	ND	183	91.3	200	0.993	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	198	99.1	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 69.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 59.4 % 40.6-153

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Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 86 @ 2' (H253041-42)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/22/2025	ND	1.91	95.7	2.00	0.822		
Toluene*	<0.050	0.050	05/22/2025	ND	1.96	97.8	2.00	0.291		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.99	99.3	2.00	0.591		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	6.22	104	6.00	1.32		
Total BTEx	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	05/23/2025	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	05/21/2025	ND	183	91.3	200	0.993	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	198	99.1	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 89.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.0 % 40.6-153

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Analytical Results For:

Etech Environmental & Safety Solutions
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 HOBBS NM, 88240
 Fax To:

Received: 05/20/2025
 Reported: 05/27/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 87 @ 2' (H253041-43)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/22/2025	ND	1.91	95.7	2.00	0.822		
Toluene*	<0.050	0.050	05/22/2025	ND	1.96	97.8	2.00	0.291		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.99	99.3	2.00	0.591		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	6.22	104	6.00	1.32		
Total BTEX	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	05/23/2025	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	05/21/2025	ND	183	91.3	200	0.993	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	198	99.1	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 85.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.2 % 40.6-153

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Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 88 @ 2' (H253041-44)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/22/2025	ND	1.91	95.7	2.00	0.822		
Toluene*	<0.050	0.050	05/22/2025	ND	1.96	97.8	2.00	0.291		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.99	99.3	2.00	0.591		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	6.22	104	6.00	1.32		
Total BTEx	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	05/23/2025	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	05/21/2025	ND	183	91.3	200	0.993	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	198	99.1	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 54.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 47.2 % 40.6-153

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Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 89 @ 2' (H253041-45)

BTX 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	05/22/2025	ND	1.91	95.7	2.00	0.822		
Toluene*	<0.050	0.050	05/22/2025	ND	1.96	97.8	2.00	0.291		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.99	99.3	2.00	0.591		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	6.22	104	6.00	1.32		
Total BTX	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	05/23/2025	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	05/21/2025	ND	183	91.3	200	0.993	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	198	99.1	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 79.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 68.2 % 40.6-153

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Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 90 @ 2' (H253041-46)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/22/2025	ND	1.91	95.7	2.00	0.822		
Toluene*	<0.050	0.050	05/22/2025	ND	1.96	97.8	2.00	0.291		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.99	99.3	2.00	0.591		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	6.22	104	6.00	1.32		
Total BTEx	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	05/23/2025	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	05/21/2025	ND	183	91.3	200	0.993	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	198	99.1	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 80.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.7 % 40.6-153

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Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 91 @ 2' (H253041-47)

BTX 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	05/22/2025	ND	1.91	95.7	2.00	0.822		
Toluene*	<0.050	0.050	05/22/2025	ND	1.96	97.8	2.00	0.291		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.99	99.3	2.00	0.591		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	6.22	104	6.00	1.32		
Total BTX	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	05/23/2025	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	05/21/2025	ND	183	91.3	200	0.993	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	198	99.1	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 71.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 61.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 92 @ 2' (H253041-48)

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	05/22/2025	ND	1.91	95.7	2.00	0.822		
Toluene*	<0.050	0.050	05/22/2025	ND	1.96	97.8	2.00	0.291		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.99	99.3	2.00	0.591		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	6.22	104	6.00	1.32		
Total BTEX	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	05/23/2025	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	05/21/2025	ND	183	91.3	200	0.993	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	198	99.1	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 78.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 66.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/20/2025
 Reported: 05/27/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 93 @ 2' (H253041-49)

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	05/22/2025	ND	1.91	95.7	2.00	0.822		
Toluene*	<0.050	0.050	05/22/2025	ND	1.96	97.8	2.00	0.291		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.99	99.3	2.00	0.591		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	6.22	104	6.00	1.32		
Total BTEx	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	05/23/2025	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	05/21/2025	ND	183	91.3	200	0.993	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	198	99.1	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 69.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 59.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: NW 1 (H253041-50)

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	05/22/2025	ND	1.90	95.0	2.00	0.676		
Toluene*	<0.050	0.050	05/22/2025	ND	1.60	79.8	2.00	0.381		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.65	82.6	2.00	0.295		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	5.07	84.5	6.00	0.954		
Total BTEX	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	05/23/2025	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	05/21/2025	ND	183	91.3	200	0.993	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	198	99.1	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 71.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 61.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: SW 1 (H253041-51)

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	05/22/2025	ND	1.90	95.0	2.00	0.676		
Toluene*	<0.050	0.050	05/22/2025	ND	1.60	79.8	2.00	0.381		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.65	82.6	2.00	0.295		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	5.07	84.5	6.00	0.954		
Total BTEX	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	05/23/2025	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	05/21/2025	ND	183	91.3	200	0.993	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	198	99.1	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 66.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 55.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: EW 4 (H253041-52)

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	05/22/2025	ND	1.90	95.0	2.00	0.676		
Toluene*	<0.050	0.050	05/22/2025	ND	1.60	79.8	2.00	0.381		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.65	82.6	2.00	0.295		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	5.07	84.5	6.00	0.954		
Total BTEX	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	05/23/2025	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	05/21/2025	ND	183	91.3	200	0.993	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	198	99.1	200	0.870	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 81.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.6 % 40.6-153

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

Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: EW 5 (H253041-53)

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	05/22/2025	ND	1.90	95.0	2.00	0.676		
Toluene*	<0.050	0.050	05/22/2025	ND	1.60	79.8	2.00	0.381		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.65	82.6	2.00	0.295		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	5.07	84.5	6.00	0.954		
Total BTEX	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	05/23/2025	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	05/21/2025	ND	214	107	200	1.25		
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	203	101	200	0.586		
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND						

Surrogate: 1-Chlorooctane 87.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: EW 6 (H253041-54)

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	05/22/2025	ND	1.90	95.0	2.00	0.676		
Toluene*	<0.050	0.050	05/22/2025	ND	1.60	79.8	2.00	0.381		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.65	82.6	2.00	0.295		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	5.07	84.5	6.00	0.954		
Total BTEx	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	05/23/2025	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	05/21/2025	ND	214	107	200	1.25	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	203	101	200	0.586	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 67.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 61.0 % 40.6-153

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Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: EW 7 (H253041-55)

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	05/22/2025	ND	1.90	95.0	2.00	0.676		
Toluene*	<0.050	0.050	05/22/2025	ND	1.60	79.8	2.00	0.381		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.65	82.6	2.00	0.295		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	5.07	84.5	6.00	0.954		
Total BTEX	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	05/23/2025	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	05/21/2025	ND	214	107	200	1.25	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	203	101	200	0.586	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 62.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 57.0 % 40.6-153

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Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: EW 8 (H253041-56)

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	05/22/2025	ND	1.90	95.0	2.00	0.676		
Toluene*	<0.050	0.050	05/22/2025	ND	1.60	79.8	2.00	0.381		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.65	82.6	2.00	0.295		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	5.07	84.5	6.00	0.954		
Total BTEX	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	05/23/2025	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	05/21/2025	ND	214	107	200	1.25		
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	203	101	200	0.586		
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND						

Surrogate: 1-Chlorooctane 86.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: WW 4 (H253041-57)

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	05/22/2025	ND	1.90	95.0	2.00	0.676		
Toluene*	<0.050	0.050	05/22/2025	ND	1.60	79.8	2.00	0.381		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.65	82.6	2.00	0.295		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	5.07	84.5	6.00	0.954		
Total BTEX	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/23/2025	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	05/21/2025	ND	214	107	200	1.25	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	203	101	200	0.586	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 86.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/20/2025
 Reported: 05/27/2025
 Project Name: BARRILLEAUX PWMS SHARPS LINE STRI
 Project Number: 22142
 Project Location: MEWBOURNE 32.609257-104.060207

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: WW 5 (H253041-58)

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	05/22/2025	ND	1.90	95.0	2.00	0.676		
Toluene*	<0.050	0.050	05/22/2025	ND	1.60	79.8	2.00	0.381		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.65	82.6	2.00	0.295		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	5.07	84.5	6.00	0.954		
Total BTEX	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	05/23/2025	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	05/21/2025	ND	214	107	200	1.25	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	203	101	200	0.586	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 84.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: WW 6 (H253041-59)

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	05/22/2025	ND	1.90	95.0	2.00	0.676		
Toluene*	<0.050	0.050	05/22/2025	ND	1.60	79.8	2.00	0.381		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.65	82.6	2.00	0.295		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	5.07	84.5	6.00	0.954		
Total BTEX	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	05/23/2025	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	05/21/2025	ND	214	107	200	1.25	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	203	101	200	0.586	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 95.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: WW 7 (H253041-60)

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	05/22/2025	ND	1.90	95.0	2.00	0.676		
Toluene*	<0.050	0.050	05/22/2025	ND	1.60	79.8	2.00	0.381		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.65	82.6	2.00	0.295		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	5.07	84.5	6.00	0.954		
Total BTEX	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	05/23/2025	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	05/21/2025	ND	214	107	200	1.25	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	203	101	200	0.586	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 86.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/20/2025	Sampling Date:	05/19/2025
Reported:	05/27/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: WW 8 (H253041-61)

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	05/22/2025	ND	1.90	95.0	2.00	0.676		
Toluene*	<0.050	0.050	05/22/2025	ND	1.60	79.8	2.00	0.381		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	1.65	82.6	2.00	0.295		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	5.07	84.5	6.00	0.954		
Total BTEX	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	05/23/2025	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	05/21/2025	ND	214	107	200	1.25	
DRO >C10-C28*	<10.0	10.0	05/21/2025	ND	203	101	200	0.586	
EXT DRO >C28-C36	<10.0	10.0	05/21/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 1 of 7

Company Name: Etech Environmental & Safety Solutions, Inc. Project Manager: Lance Crenshaw Address: 2617 West Marland City: Hobbs State: NM Zip: 88240 Phone #: (575) 264-9884 Fax #: Project #: 22142 Project Owner: Mewbourne Oil Company Project Name: Barrilleaux PWMS Sharps Line Strike Project Location: 32.609257, -104.060207 Sampler Name: Aaron Rios				BILL TO P.O. #: Company: Mewbourne Attn: Connor Walker Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST																	
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING		Chloride	TPH (8015M)	BTEX (8021B)													
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :												ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME
H253041																									
1	FL 45 @ 1.5'	C	1			X															X			5/19/25	
2	FL 46 @ 1.5'	C	1			X															X			5/19/25	
3	FL 47 @ 1.5'	C	1			X															X			5/19/25	
4	FL 48 @ 1.5'	C	1			X															X			5/19/25	
5	FL 49 @ 1.5'	C	1			X															X			5/19/25	
6	FL 50 @ 1.5'	C	1			X															X			5/19/25	
7	FL 51 @ 1.5'	C	1			X															X			5/19/25	
8	FL 52 @ 1.5'	C	1			X				X			5/19/25												
9	FL 53 @ 1.5'	C	1			X				X			5/19/25												
W	FL 54 @ 1.5'	C	1			X				X			5/19/25												

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Relinquished By:	Date:	Received By:	Verbal Result:	Yes	No	Add'l Phone #:
<i>[Signature]</i>	5-20-25	<i>[Signature]</i>	All Results are emailed. Please provide Email address:			
Relinquished By:	Date:	Received By:	pm@etechenv.com			
	Time:		REMARKS:			
Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY:	Turnaround Time:	Standard	Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool Intact	(Initials)	AS-2025	Rush	Cool Intact Observed Temp. °C
	AS-2025	<input type="checkbox"/> Yes <input type="checkbox"/> No	AD	Thermometer ID #140	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> No <input type="checkbox"/> No		Correction Factor -0.6°C	<input type="checkbox"/> No <input type="checkbox"/> No	Corrected Temp. °C

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

Page 2 of 7

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Relinquished By: <i>Matt</i>		Date: <i>5.00.25</i>	Received By: <i>apawon</i>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:
		Time: <i>1444</i>		All Results are emailed. Please provide Email address: pm@etechenv.com
Relinquished By:		Date:	Received By:	REMARKS:
		Time:		
Delivered By: (Circle One)		Observed Temp. °C <i>-12.0</i>	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <i>-11.7</i>	Thermometer ID #140	Turnaround Time: <i>055025</i>
			Correction Factor <i>-0.6°C</i>	Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
				Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/>
				Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No
				Corrected Temp. °C



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 4 of 7

Page 67 of 70

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 5 of 7

Page 68 of 70

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																																			
Project Manager: Lance Crenshaw				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																																			
Address: 2617 West Marland				Company: Mewbourne																																							
City: Hobbs State: NM Zip: 88240				Attn: Connor Walker																																							
Phone #: (575) 264-9884 Fax #:				Address:																																							
Project #: 22142 Project Owner: Mewbourne Oil Company				City:																																							
Project Name: Barrilleaux PWMS Sharps Line Strike				State: Zip:																																							
Project Location: 32.609257, -104.060207				Phone #:																																							
Sampler Name: Aaron Rios				Fax #:																																							
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING																													
										GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME													
		H253041																																									
		41		FL 85 @ 2'		C 1																																					
		42		FL 86 @ 2'		C 1																																					
		43		FL 87 @ 2'		C 1																																					
		44		FL 88 @ 2'		C 1																																					
		45		FL 89 @ 2'		C 1																																					
		46		FL 90 @ 2'		C 1																																					
		47		FL 91 @ 2'		C 1																																					
		48		FL 92 @ 2'		C 1																																					
		49		FL 93 @ 2'		C 1																																					
		50		NW 1		C 1																																					

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Relinquished By:		Date: 5-20-25		Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
		Time: 1444				All Results are emailed. Please provide Email address: pm@etechnv.com	
Relinquished By:		Date:		Received By:		REMARKS:	
		Time:					
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition		CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:		-12.0°C		Cool Intact		PP	
		Corrected Temp. °C		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #140 Correction Factor -0.6°C 10.32	
		-11.7°C		<input type="checkbox"/> Yes <input type="checkbox"/> No		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	

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


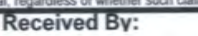

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 6 of 7

Page 69 of 70

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																		
Project Manager: Lance Crenshaw				P.O. #:				Chloride	TPH (8015M)	BTEX (8021B)																
Address: 2617 West Marland				Company: Mewbourne																						
City: Hobbs State: NM Zip: 88240				Attn: Connor Walker																						
Phone #: (575) 264-9884 Fax #:				Address:																						
Project #: 22142 Project Owner: Mewbourne Oil Company				City:																						
Project Name: Barrilleaux PWMS Sharps Line Strike				State: Zip:																						
Project Location: 32.609257, -104.060207				Phone #:																						
Sampler Name: Aaron Rios				Fax #:																						
FOR LAB USE ONLY				MATRIX				PRESERV.		SAMPLING																
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME												
H253041																										
51	SW 1	C	1			X				X			5/19/25		X	X	X									
52	EW 4	C	1			X				X			5/19/25		X	X	X									
53	EW 5	C	1			X				X			5/19/25		X	X	X									
54	EW 6	C	1			X				X			5/19/25		X	X	X									
55	EW 7	C	1			X				X			5/19/25		X	X	X									
56	EW 8	C	1			X				X			5/19/25		X	X	X									
57	WW 4	C	1			X				X			5/19/25		X	X	X									
58	WW 5	C	1			X				X			5/19/25		X	X	X									
59	WW 6	C	1			X				X			5/19/25		X	X	X									
100	WW 7	C	1			X				X			5/19/25		X	X	X									

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Relinquished By: 		Date: 05.20.25	Received By: 	Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:
		Time: 1444		All Results are emailed. Please provide Email address: pm@etechenv.com
Relinquished By:		Date:	Received By:	REMARKS:
		Time:		
Delivered By: (Circle One)	Observed Temp. °C -12.02	Sample Condition	CHECKED BY: (Initials)	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C -11.72	Cool <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Bacteria (only) Sample Condition
				Cool <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Observed Temp. °C
				Thermometer ID #140
				Correction Factor -0.6°C +0.3°C



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 7 of 7

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																													
Project Manager: Lance Crenshaw				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																													
Address: 2617 West Marland				Company: Mewbourne																																	
City: Hobbs		State: NM		Zip: 88240		Attn: Connor Walker																															
Phone #: (575) 264-9884		Fax #:		Address:		City:																															
Project #: 22142		Project Owner: Mewbourne Oil Company		State:		Zip:																															
Project Name: Barrilleaux PWMS Sharps Line Strike		Phone #:		Fax #:																																	
Project Location: 32.609257, -104.060207																																					
Sampler Name: Aaron Rios																																					
FOR LAB USE ONLY																																					
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING																									
				GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME													
HDS3041		WW 8		C		1		X		X												5/19/25				<div style="display: flex; justify-content: space-around;"> <div>X</div> <div>X</div> <div>X</div> </div>											

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Relinquished By: <i>Mith</i>		Date: 5-20-25		Received By: <i>ap</i>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
		Time: 1444				All Results are emailed. Please provide Email address:		pm@etechenv.com	
Relinquished By:		Date:		Received By:		REMARKS:			
		Time:							
Delivered By: (Circle One)		Observed Temp. °C: -12.0		Sample Condition		CHECKED BY: (Initials)		Turnaround Time: 6-0035	
Sampler - UPS - Bus - Other:		Corrected Temp. °C: -11.7		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		AP		Standard Rush <input checked="" type="checkbox"/>	
				<input type="checkbox"/> Yes <input type="checkbox"/> No				Bacteria (only) Sample Condition	
								Cool Intact Observed Temp. °C	
								<input type="checkbox"/> Yes <input type="checkbox"/> No	
								<input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	

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

May 29, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BARRILLEAUX PWMS SHARPS LINE STRIKE

Enclosed are the results of analyses for samples received by the laboratory on 05/27/25 11:14.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at

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

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BARRILLEAUX PWMS SHARPS LINE
Project Number: 22142
Project Manager: LANCE CRENSHAW
Fax To:

Reported:
29-May-25 16:18

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FL 23 @ 3'	H253150-01	Soil	27-May-25 00:00	27-May-25 11:14
FL 39 @ 2'	H253150-02	Soil	27-May-25 00:00	27-May-25 11:14
FL 43 @ 2'	H253150-03	Soil	27-May-25 00:00	27-May-25 11:14

05/29/25 - Client changed the sample ID on -01 (see COC). This is the revised report and will replace the one sent on 05/28/25.

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in cursive script, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BARRILLEAUX PWMS SHARPS LINE
Project Number: 22142
Project Manager: LANCE CRENSHAW
Fax To:

Reported:
29-May-25 16:18

FL 23 @ 3'
H253150-01 (Soil)

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

Chloride	288		16.0	mg/kg	4	5052720	AC	27-May-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5052336	JH	27-May-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5052336	JH	27-May-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5052336	JH	27-May-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5052336	JH	27-May-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5052336	JH	27-May-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	101 %	71.5-134		5052336	JH	27-May-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5052333	MS	27-May-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5052333	MS	27-May-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5052333	MS	27-May-25	8015B	

Surrogate: 1-Chlorooctane	102 %	44.4-145		5052333	MS	27-May-25	8015B	
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Surrogate: 1-Chlorooctadecane	101 %	40.6-153		5052333	MS	27-May-25	8015B	
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Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BARRILLEAUX PWMS SHARPS LINE
Project Number: 22142
Project Manager: LANCE CRENSHAW
Fax To:

Reported:
29-May-25 16:18

FL 39 @ 2'
H253150-02 (Soil)

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

Chloride	272		16.0	mg/kg	4	5052720	AC	27-May-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5052336	JH	27-May-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5052336	JH	27-May-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5052336	JH	27-May-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5052336	JH	27-May-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5052336	JH	27-May-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	71.5-134		5052336	JH	27-May-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5052333	MS	27-May-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5052333	MS	27-May-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5052333	MS	27-May-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			103 %	44.4-145		5052333	MS	27-May-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			101 %	40.6-153		5052333	MS	27-May-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BARRILLEAUX PWMS SHARPS LINE
Project Number: 22142
Project Manager: LANCE CRENSHAW
Fax To:

Reported:
29-May-25 16:18

FL 43 @ 2'
H253150-03 (Soil)

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

Chloride	352		16.0	mg/kg	4	5052720	AC	27-May-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5052336	JH	27-May-25	8021B
Toluene*	<0.050	0.050	mg/kg	50	5052336	JH	27-May-25	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	5052336	JH	27-May-25	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	5052336	JH	27-May-25	8021B
Total BTEX	<0.300	0.300	mg/kg	50	5052336	JH	27-May-25	8021B

Surrogate: 4-Bromofluorobenzene (PID)	101 %	71.5-134	5052336	JH	27-May-25	8021B
---------------------------------------	-------	----------	---------	----	-----------	-------

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5052333	MS	27-May-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5052333	MS	27-May-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5052333	MS	27-May-25	8015B

Surrogate: 1-Chlorooctane	83.8 %	44.4-145	5052333	MS	27-May-25	8015B
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Surrogate: 1-Chlorooctadecane	80.8 %	40.6-153	5052333	MS	27-May-25	8015B
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Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BARRILLEAUX PWMS SHARPS LINE
Project Number: 22142
Project Manager: LANCE CRENSHAW
Fax To:

Reported:
29-May-25 16:18

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 5052720 - 1:4 DI Water									
Blank (5052720-BLK1)				Prepared & Analyzed: 27-May-25					
Chloride	ND	16.0	mg/kg						
LCS (5052720-BS1)				Prepared & Analyzed: 27-May-25					
Chloride	416	16.0	mg/kg	400		104	80-120		
LCS Dup (5052720-BSD1)				Prepared & Analyzed: 27-May-25					
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BARRILLEAUX PWMS SHARPS LINE
Project Number: 22142
Project Manager: LANCE CRENSHAW
Fax To:

Reported:
29-May-25 16:18

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5052336 - Volatiles**Blank (5052336-BLK1)**

Prepared: 23-May-25 Analyzed: 27-May-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0505		mg/kg	0.0500		101	71.5-134			

LCS (5052336-BS1)

Prepared: 23-May-25 Analyzed: 27-May-25

Benzene	2.05	0.050	mg/kg	2.00		103	76.3-129			
Toluene	2.15	0.050	mg/kg	2.00		108	84.1-129			
Ethylbenzene	1.98	0.050	mg/kg	2.00		99.2	80.1-133			
m,p-Xylene	3.94	0.100	mg/kg	4.00		98.6	81.4-134			
o-Xylene	2.01	0.050	mg/kg	2.00		100	81.4-133			
Total Xylenes	5.95	0.150	mg/kg	6.00		99.1	81.5-134			
Surrogate: 4-Bromofluorobenzene (PID)	0.0486		mg/kg	0.0500		97.3	71.5-134			

LCS Dup (5052336-BS1)

Prepared: 23-May-25 Analyzed: 27-May-25

Benzene	1.89	0.050	mg/kg	2.00		94.5	76.3-129	8.30	15.8	
Toluene	2.05	0.050	mg/kg	2.00		102	84.1-129	5.08	15.9	
Ethylbenzene	1.90	0.050	mg/kg	2.00		95.0	80.1-133	4.35	16	
m,p-Xylene	3.78	0.100	mg/kg	4.00		94.5	81.4-134	4.25	16.2	
o-Xylene	1.91	0.050	mg/kg	2.00		95.6	81.4-133	4.76	16.7	
Total Xylenes	5.69	0.150	mg/kg	6.00		94.9	81.5-134	4.42	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0499		mg/kg	0.0500		99.9	71.5-134			

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BARRILLEAUX PWMS SHARPS LINE
Project Number: 22142
Project Manager: LANCE CRENSHAW
Fax To:

Reported:
29-May-25 16:18

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

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

Batch 5052333 - General Prep - Organics**Blank (5052333-BLK1)**

Prepared: 23-May-25 Analyzed: 27-May-25

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	45.2		mg/kg	50.0		90.5	44.4-145		
Surrogate: 1-Chlorooctadecane	45.0		mg/kg	50.0		89.9	40.6-153		

LCS (5052333-BS1)

Prepared: 23-May-25 Analyzed: 27-May-25

GRO C6-C10	207	10.0	mg/kg	200		103	81.5-123		
DRO >C10-C28	191	10.0	mg/kg	200		95.7	77.7-122		
Total TPH C6-C28	398	10.0	mg/kg	400		99.6	80.9-121		
Surrogate: 1-Chlorooctane	52.9		mg/kg	50.0		106	44.4-145		
Surrogate: 1-Chlorooctadecane	53.1		mg/kg	50.0		106	40.6-153		

LCS Dup (5052333-BS1)

Prepared: 23-May-25 Analyzed: 27-May-25

GRO C6-C10	210	10.0	mg/kg	200		105	81.5-123	1.69	13
DRO >C10-C28	193	10.0	mg/kg	200		96.6	77.7-122	0.909	15.6
Total TPH C6-C28	404	10.0	mg/kg	400		101	80.9-121	1.31	18.5
Surrogate: 1-Chlorooctane	54.4		mg/kg	50.0		109	44.4-145		
Surrogate: 1-Chlorooctadecane	54.9		mg/kg	50.0		110	40.6-153		

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

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

Page 1 of 1

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																					
Project Manager: Lance Crenshaw				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																					
Address: 2617 West Marland				Company: SEE REMARKS																									
City: Hobbs State: NM Zip: 88240				Attn:																									
Phone #: (575) 264-9884 Fax #:				Address:																									
Project #: 22142 Project Owner: Mewbourne Oil Company				City:																									
Project Name: Barrilleaux PWMS Sharps Line Strike				State: Zip:																									
Project Location: 32.609257, -104.060207				Phone #:																									
Sampler Name: Aaron Rios				Fax #:																									
FOR LAB USE ONLY						MATRIX		PRESERV.		SAMPLING																			
Lab I.D.	Sample I.D.	(G/RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME															
H253150	23 *	C	1			X					X		5/27/25		X	X	X												
2	FL 39 @ 2'	C	1			X					X		5/27/25		X	X	X												
3	FL 43 @ 2'	C	1			X					X		5/27/25		X	X	X												

USE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the service. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>Meth</i>	Date: 5/27/25 Time: 1114	Received By: <i>S. Fodder</i>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date:	Received By:	All Results are emailed. Please provide Email address: pm@etechenv.com
Relinquished By:	Date:	Received By:	REMARKS: *Customer requested ID changes. To 5/29/25
Relinquished By:	Date:	Received By:	24H Rush - Bill analytical charges to Mewbourne Oil Company C/O Connor Walker and rush charges to Etech C/O Lance Crenshaw.
Delivered By: (Circle One) Printer - UPS - Bus - Other:	Observed Temp. °C -3.7°C Corrected Temp. °C -3.4°C	Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>
		CHECKED BY: (Initials) <i>SK</i>	Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>
			Thermometer ID #140 Correction Factor -0.6°C
			Observed Temp. °C Corrected Temp. °C



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

May 29, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BARRILLEAUX PWMS SHARPS LINE STRIKE

Enclosed are the results of analyses for samples received by the laboratory on 05/28/25 11:22.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/28/2025	Sampling Date:	05/28/2025
Reported:	05/29/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 46 @ 2' (H253187-01)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/28/2025	ND	1.96	97.8	2.00	1.81		
Toluene*	<0.050	0.050	05/28/2025	ND	2.05	102	2.00	1.49		
Ethylbenzene*	<0.050	0.050	05/28/2025	ND	2.02	101	2.00	0.918		
Total Xylenes*	<0.150	0.150	05/28/2025	ND	5.95	99.1	6.00	0.919		
Total BTEx	<0.300	0.300	05/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	05/29/2025	ND	416	104	400	3.92		

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	05/28/2025	ND	183	91.5	200	2.13	
DRO >C10-C28*	<10.0	10.0	05/28/2025	ND	178	88.9	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	05/28/2025	ND					

Surrogate: 1-Chlorooctane 100 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/28/2025	Sampling Date:	05/28/2025
Reported:	05/29/2025	Sampling Type:	Soil
Project Name:	BARRILLEAUX PWMS SHARPS LINE STRI	Sampling Condition:	Cool & Intact
Project Number:	22142	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.609257-104.060207		

Sample ID: FL 49 @ 2' (H253187-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/28/2025	ND	1.96	97.8	2.00	1.81		
Toluene*	<0.050	0.050	05/28/2025	ND	2.05	102	2.00	1.49		
Ethylbenzene*	<0.050	0.050	05/28/2025	ND	2.02	101	2.00	0.918		
Total Xylenes*	<0.150	0.150	05/28/2025	ND	5.95	99.1	6.00	0.919		
Total BTEX	<0.300	0.300	05/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	496	16.0	05/29/2025	ND	416	104	400	3.92		

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	05/28/2025	ND	183	91.5	200	2.13	
DRO >C10-C28*	<10.0	10.0	05/28/2025	ND	178	88.9	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	05/28/2025	ND					

Surrogate: 1-Chlorooctane 106 % 44.4-145

Surrogate: 1-Chlorooctadecane 113 % 40.6-153

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

Page 5 of 5

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																																				
Project Manager: Lance Crenshaw				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																																				
Address: 2617 West Marland				Company: SEE REMARKS																																								
City: Hobbs		State: NM		Zip: 88240		Attn:																																						
Phone #: (575) 264-9884		Fax #:		Address:		City:																																						
Project #: 22142		Project Owner: Mewbourne Oil Company		State:		Zip:																																						
Project Name: Barrilleaux PWMS Sharps Line Strike				Phone #:																																								
Project Location: 32.609257, -104.060207				Fax #:																																								
Sampler Name: Aaron Rios																																												
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX			PRESERV.		SAMPLING																													
										GROUNDWATER			WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME													
		1253187		FL 46 @ 2'		C		1							X								X		5/28/25				X		X		X											
		2		FL 49 @ 2'		C		1							X								X		5/28/25				X		X		X											

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Relinquished By:		Date: 5-28-25		Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
		Time: 11:22				All Results are emailed. Please provide Email address: pm@etechnv.com	
Relinquished By:		Date:		Received By:		REMARKS:	
		Time:				24H Rush - Bill analytical charges to Mewbourne Oil Company C/O Connor Walker and rush charges to Etech C/O Lance Crenshaw.	
Delivered By: (Circle One)		Observed Temp. °C -5.2		Sample Condition		CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:		Corrected Temp. °C -49.2		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		AP 5-28-25	
				<input type="checkbox"/> Yes <input type="checkbox"/> No		Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>	
						Thermometer ID #140	
						Correction Factor 0.8°C to 30	
						Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	
						Corrected Temp. °C	

Appendix E

Regulatory Correspondence

From: OCDOnline@state.nm.us
Sent: Wednesday, April 23, 2025 12:24 PM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 454814

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2509337776.

The sampling event is expected to take place:

When: 04/28/2025 @ 07:00

Where: B-03-20S-29E 0 FNL 0 FEL (32.60926,-104.06013)

Additional Information: Aaron Rios 432-701-8602

Additional Instructions: From the intersection of Burton Flats Rd and Buckeye Rd (32.547950, -104.037148), head N on Burton Flats Rd for 4.52 mi to arrive at the Barrilleaux PWMS Sharps Line Strike release area (32.609257, -104.060207).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Wednesday, April 23, 2025 12:28 PM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 454823

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2509337776.

The sampling event is expected to take place:

When: 04/29/2025 @ 07:00

Where: B-03-20S-29E 0 FNL 0 FEL (32.60926,-104.06013)

Additional Information: Aaron Rios 432-701-8602

Additional Instructions: From the intersection of Burton Flats Rd and Buckeye Rd (32.547950, -104.037148), head N on Burton Flats Rd for 4.52 mi to arrive at the Barrilleaux PWMS Sharps Line Strike release area (32.609257, -104.060207).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Wednesday, April 23, 2025 12:33 PM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 454826

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2509337776.

The sampling event is expected to take place:

When: 04/30/2025 @ 07:00

Where: B-03-20S-29E 0 FNL 0 FEL (32.60926,-104.06013)

Additional Information: Aaron Rios 432-701-8602

Additional Instructions: From the intersection of Burton Flats Rd and Buckeye Rd (32.547950, -104.037148), head N on Burton Flats Rd for 4.52 mi to arrive at the Barrilleaux PWMS Sharps Line Strike release area (32.609257, -104.060207).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Wednesday, April 23, 2025 12:38 PM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 454830

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAPP2509337776.

The sampling event is expected to take place:

When: 05/01/2025 @ 07:00

Where: B-03-20S-29E 0 FNL 0 FEL (32.60926,-104.06013)

Additional Information: Aaron Rios 432-701-8602

Additional Instructions: From the intersection of Burton Flats Rd and Buckeye Rd (32.547950, -104.037148), head N on Burton Flats Rd for 4.52 mi to arrive at the Barrilleaux PWMS Sharps Line Strike release area (32.609257, -104.060207)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Wednesday, April 23, 2025 12:42 PM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 454837

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2509337776.

The sampling event is expected to take place:

When: 05/02/2025 @ 07:00

Where: B-03-20S-29E 0 FNL 0 FEL (32.60926,-104.06013)

Additional Information: Aaron Rios 432-701-8602

Additional Instructions: From the intersection of Burton Flats Rd and Buckeye Rd (32.547950, -104.037148), head N on Burton Flats Rd for 4.52 mi to arrive at the Barrilleaux PWMS Sharps Line Strike release area (32.609257, -104.060207).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Wednesday, April 23, 2025 12:47 PM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 454839

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2509337776.

The sampling event is expected to take place:

When: 05/05/2025 @ 07:00

Where: B-03-20S-29E 0 FNL 0 FEL (32.60926,-104.06013)

Additional Information: Aaron Rios 432-701-8602

Additional Instructions: From the intersection of Burton Flats Rd and Buckeye Rd (32.547950, -104.037148), head N on Burton Flats Rd for 4.52 mi to arrive at the Barrilleaux PWMS Sharps Line Strike release area (32.609257, -104.060207).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Wednesday, April 23, 2025 12:49 PM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 454842

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2509337776.

The sampling event is expected to take place:

When: 05/06/2025 @ 07:00

Where: B-03-20S-29E 0 FNL 0 FEL (32.60926,-104.06013)

Additional Information: Aaron Rios 432-701-8602

Additional Instructions: From the intersection of Burton Flats Rd and Buckeye Rd (32.547950, -104.037148), head N on Burton Flats Rd for 4.52 mi to arrive at the Barrilleaux PWMS Sharps Line Strike release area (32.609257, -104.060207).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Wednesday, April 23, 2025 12:52 PM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 454845

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2509337776.

The sampling event is expected to take place:

When: 05/07/2025 @ 07:00

Where: B-03-20S-29E 0 FNL 0 FEL (32.60926,-104.06013)

Additional Information: Aaron Rios 432-701-8602

Additional Instructions: From the intersection of Burton Flats Rd and Buckeye Rd (32.547950, -104.037148), head N on Burton Flats Rd for 4.52 mi to arrive at the Barrilleaux PWMS Sharps Line Strike release area (32.609257, -104.060207).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Wednesday, April 23, 2025 12:54 PM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 454849

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2509337776.

The sampling event is expected to take place:

When: 05/08/2025 @ 07:00

Where: B-03-20S-29E 0 FNL 0 FEL (32.60926,-104.06013)

Additional Information: Aaron Rios 432-701-8602

Additional Instructions: From the intersection of Burton Flats Rd and Buckeye Rd (32.547950, -104.037148), head N on Burton Flats Rd for 4.52 mi to arrive at the Barrilleaux PWMS Sharps Line Strike release area (32.609257, -104.060207).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Wednesday, May 14, 2025 9:53 PM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 463492

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2509337776.

The sampling event is expected to take place:

When: 05/19/2025 @ 07:30

Where: B-03-20S-29E 0 FNL 0 FEL (32.60926,-104.06013)

Additional Information: Aaron Rios, 432-701-8602

Additional Instructions: From the intersection of Burton Flats Rd and Buckeye Rd (32.547950, -104.037148), head N on Burton Flats Rd for 4.52 mi to arrive at the Barrilleaux PWMS Sharps Line Strike release area (32.609257, -104.060207).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Wednesday, May 14, 2025 9:55 PM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 463493

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2509337776.

The sampling event is expected to take place:

When: 05/20/2025 @ 07:30

Where: B-03-20S-29E 0 FNL 0 FEL (32.60926,-104.06013)

Additional Information: Aaron Rios, 432-701-8602

Additional Instructions: From the intersection of Burton Flats Rd and Buckeye Rd (32.547950, -104.037148), head N on Burton Flats Rd for 4.52 mi to arrive at the Barrilleaux PWMS Sharps Line Strike release area (32.609257, -104.060207).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Wednesday, May 14, 2025 9:57 PM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 463494

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2509337776.

The sampling event is expected to take place:

When: 05/21/2025 @ 07:30

Where: B-03-20S-29E 0 FNL 0 FEL (32.60926,-104.06013)

Additional Information: Aaron Rios, 432-701-8602

Additional Instructions: From the intersection of Burton Flats Rd and Buckeye Rd (32.547950, -104.037148), head N on Burton Flats Rd for 4.52 mi to arrive at the Barrilleaux PWMS Sharps Line Strike release area (32.609257, -104.060207).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Wednesday, May 14, 2025 10:00 PM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 463495

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2509337776.

The sampling event is expected to take place:

When: 05/22/2025 @ 07:30

Where: B-03-20S-29E 0 FNL 0 FEL (32.60926,-104.06013)

Additional Information: Aaron Rios, 432-701-8602

Additional Instructions: From the intersection of Burton Flats Rd and Buckeye Rd (32.547950, -104.037148), head N on Burton Flats Rd for 4.52 mi to arrive at the Barrilleaux PWMS Sharps Line Strike release area (32.609257, -104.060207).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Wednesday, May 14, 2025 10:03 PM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 463497

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2509337776.

The sampling event is expected to take place:

When: 05/23/2025 @ 07:30

Where: B-03-20S-29E 0 FNL 0 FEL (32.60926,-104.06013)

Additional Information: Aaron Rios, 432-701-8602

Additional Instructions: From the intersection of Burton Flats Rd and Buckeye Rd (32.547950, -104.037148), head N on Burton Flats Rd for 4.52 mi to arrive at the Barrilleaux PWMS Sharps Line Strike release area (32.609257, -104.060207).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Wednesday, May 14, 2025 10:05 PM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 463498

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2509337776.

The sampling event is expected to take place:

When: 05/27/2025 @ 07:30

Where: B-03-20S-29E 0 FNL 0 FEL (32.60926,-104.06013)

Additional Information: Aaron Rios, 432-701-8602

Additional Instructions: From the intersection of Burton Flats Rd and Buckeye Rd (32.547950, -104.037148), head N on Burton Flats Rd for 4.52 mi to arrive at the Barrilleaux PWMS Sharps Line Strike release area (32.609257, -104.060207).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Wednesday, May 14, 2025 10:07 PM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 463499

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2509337776.

The sampling event is expected to take place:

When: 05/28/2025 @ 07:30

Where: B-03-20S-29E 0 FNL 0 FEL (32.60926,-104.06013)

Additional Information: Aaron Rios, 432-701-8602

Additional Instructions: From the intersection of Burton Flats Rd and Buckeye Rd (32.547950, -104.037148), head N on Burton Flats Rd for 4.52 mi to arrive at the Barrilleaux PWMS Sharps Line Strike release area (32.609257, -104.060207).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Wednesday, May 14, 2025 10:10 PM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 463500

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2509337776.

The sampling event is expected to take place:

When: 05/29/2025 @ 07:30

Where: B-03-20S-29E 0 FNL 0 FEL (32.60926,-104.06013)

Additional Information: Aaron Rios, 432-701-8602

Additional Instructions: From the intersection of Burton Flats Rd and Buckeye Rd (32.547950, -104.037148), head N on Burton Flats Rd for 4.52 mi to arrive at the Barrilleaux PWMS Sharps Line Strike release area (32.609257, -104.060207).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 478182

QUESTIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 478182
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2509337776
Incident Name	NAPP2509337776 BARRILLEAX PWMS SHARPS LINE STRIKE @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

Location of Release Source

Please answer all the questions in this group.

Site Name	Barrilleax PWMS Sharps Line Strike
Date Release Discovered	03/25/2025
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Human Error Pipeline (Any) Produced Water Released: 78 BBL Recovered: 0 BBL Lost: 78 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Release was due to a line strike by a pipeline construction company.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 2

Action 478182

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 478182
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 04/03/2025
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Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 3

Action 478182

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 478182
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 100 (ft.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 100 (ft.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	928
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	30
GRO+DRO (EPA SW-846 Method 8015M)	20
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	04/28/2025
On what date will (or did) the final sampling or liner inspection occur	05/28/2025
On what date will (or was) the remediation complete(d)	05/28/2025
What is the estimated surface area (in square feet) that will be reclaimed	19533
What is the estimated volume (in cubic yards) that will be reclaimed	1186
What is the estimated surface area (in square feet) that will be remediated	19533
What is the estimated volume (in cubic yards) that will be remediated	1240

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
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QUESTIONS, Page 4

Action 478182

QUESTIONS (continued)

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	Action Number: 478182
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 06/24/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 478182

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 478182
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 478182

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 478182
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	463500
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/29/2025
What was the (estimated) number of samples that were to be gathered	70
What was the sampling surface area in square feet	14000

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	19533
What was the total volume (cubic yards) remediated	1240
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	19533
What was the total volume (in cubic yards) reclaimed	1240
Summarize any additional remediation activities not included by answers (above)	Please see attached report for complete details.

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 (in .pdf format) 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.

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

I hereby agree and sign off to the above statement	Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 06/24/2025
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Action 478182

QUESTIONS (continued)

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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 478182

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
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CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete". Please note that all samples received at the laboratory should arrive within the EPA method approved preservation temperature (4°C +/- 2°C).	8/18/2025