# Amended Remediation Summary & Soil Closure Request

### Mewbourne Oil Company Pavo Frio to Westall SWD Line

Eddy County, New Mexico
Unit Letter "L", Section 18, Township 18 South, Range 29 East
Latitude 32.74355 North, Longitude 104.11546 West
NMOCD Reference No. nAPP2424249029

Prepared By:

Etech Environmental & Safety Solutions, Inc.

6309 Indiana Ave, Ste. D Lubbock, Texas 79413

October 31, 2025

Lance Crenshaw



Carlsbad • Hobbs • Houston • Lafayette • Lubbock • Midland

### TABLE OF CONTENTS

PROJECT INFORMATION. 1.0 SITE CHARACTERIZATION. 2.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE. 3.0 INITIAL SITE ASSESSMENT. 4.0 REMEDIATION ACTIVITIES SUMMARY. 5.0 SOIL CLOSURE REQUEST. 6.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN. 7.0 LIMITATIONS. 8.0 DISTRIBUTION. 9.0		Section
CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE. 3.0 INITIAL SITE ASSESSMENT. 4.0 REMEDIATION ACTIVITIES SUMMARY. 5.0 SOIL CLOSURE REQUEST. 6.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN 7.0 LIMITATIONS. 8.0	PROJECT INFORMATION	1.0
INITIAL SITE ASSESSMENT. 4.0 REMEDIATION ACTIVITIES SUMMARY. 5.0 SOIL CLOSURE REQUEST. 6.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN 7.0 LIMITATIONS. 8.0	SITE CHARACTERIZATION	2.0
REMEDIATION ACTIVITIES SUMMARY	CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE	3.0
SOIL CLOSURE REQUEST	INITIAL SITE ASSESSMENT	<b>4.0</b>
RESTORATION, RECLAMATION & RE-VEGETATION PLAN	REMEDIATION ACTIVITIES SUMMARY	5 <b>.</b> 0
LIMITATIONS	SOIL CLOSURE REQUEST	6.0
	RESTORATION, RECLAMATION & RE-VEGETATION PLAN	
DISTRIBUTION9.0	LIMITATIONS	<b>8.0</b>
	DISTRIBUTION	<b>9.0</b>

### **FIGURES**

Figure 1 – Site Location Map

Figure 2A – Site Characterization Map (0.5–Mile Radius)

Figure 2B – Site Characterization Map (5–Mile Radius)

Figure 3A – Sample Location Map (Northern Portion of Excavation)

Figure 3B – Sample Location Map (Southern Portion of Excavation)

#### **TABLES**

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

#### APPENDICES

Appendix A – Depth to Groundwater Information

Appendix B – Field Data

Appendix C – Photographic Log

Appendix D – Laboratory Analytical Reports

Appendix E – Regulatory Correspondence

Appendix F – NMCRIS Investigation Abstract Form (NIAF)

Appendix G – Addendum

### 1.0 PROJECT INFORMATION

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

Latitude:		32.7	4355	Longitude	<b>&gt;:</b>	-104.11546			
<u>Latitudo.</u>		32.7		d GPS are in WGS84 fo		10 1112 10			
Site Name:	Pavo	Frio to V	Vestall SWD Line	Site Type:		Pipeline			
Date Release Dis			8/15/2024	API # (if app	licable):	N/A			
					•	7			
Unit Letter "L"	Sect 1		Township 18S	Range 29E	County Eddy	4			
L	1	0	103	29E	Eddy				
Surface Owner:	Sta	te X F	Federal Tribal	Private (N	ame	_			
			Nature ar	nd Volume of	Release				
	1								
Crude Oil		Volume	e Released (bbls)		Volume Recovere	ed (bbls)			
X Produced V	Vater	Volume	Released (bbls)	108	Volume Recovered (bbls) 0				
			oncentration of disso duced water > 10,000		X Yes No N/A				
Condensate	;	Volume	e Released (bbls)		Volume Recovered (bbls)				
Natural Gas	S	Volume	e Released (Mcf)		Volume Recovered (Mcf)				
Other (desc	ribe)	Volume	e/Weight Released		Volume/Weight Recovered				
	line dev	-	a hole and failed. unnamed arroyo to t	he SSW of the G	PS coordinates tha	t is dry and only flows during			
			In	nitial Response					
X The source	of the re	lease has	been stopped.						
X The impacte	ed area h	as been s	secured to protect hun	nan health and the	environment.				
X Release mat	erials ha	ave been	contained via the use	of berms or dikes,	absorbent pad, or ot	her containment devices			

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 100 and 500 (ft.)
What method was used to determine the depth to groundwater?	NM OSE iWaters Database Search
Did the release impact groundwater or surface water?	Yes X 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?	Zero feet, overlying, or within area
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Between 1,000 (ft.) and ½ (mi.)
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 1,000 (ft.) and ½ (mi.)
Any other fresh water well or spring?	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field?	Greater than 5 (mi.)
A wetland?	Zero feet, overlying, or within area
A subsurface mine?	Greater than 5 (mi.)
A (non-karst) unstable area?	Zero feet, overlying, or within area
Categorize the risk of this well/site being in a karst geology.	Low
A 100-year floodplain?	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production or storage site?	X Yes No

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 as 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.

On September 16, 2024, in accordance with BLM remediation guidelines and the "Cultural Properties Protection Rule", an archaeological/cultural survey was conducted at the Site. The survey encompassed an Area of Potential Effects (APE) measuring approximately 25.89 acres (10.46 hectares). According to the New Mexico Cultural Resource Information System (NMCRIS) Investigation Abstract Form (NIAF), "No archaeological sites or historic properties were observed during the current investigation; two isolated occurrences (IO) of unknown age were identified. IO 1 is a gray chert flake, and IO 2 is a gray and pink chert late-stage biface fragment. The isolated occurrences are recommended as not eligible for NRHP listing. No additional investigation or treatment is recommended regarding the current undertaking; ..." A copy of the NIAF is provided as Appendix F.

#### 3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the release, inferred depth to groundwater, and NMOCD Siting Criteria, the NMOCD Closure Criteria and NMOCD Reclamation Standards for the Site are as listed in the table on the following page.

Closure Criteria for Soils Impacted by a Release

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standards*‡
	Chloride (Cl-)	EPA** 300.0 or SM4500 Cl B	600	600
D . 100 I	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	100	100
Between 100 and 500 (ft.)	Gas Range Organics + Diesel Range Organics (GRO+DRO)	EPA SW-846 Method 8015M	N/A	N/A
500 (11.)	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50

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

### 4.0 INITIAL SITE ASSESSMENT

On September 6, 2024, Etech conducted an initial site assessment. During the initial site assessment, five (5) test trenches (TT 1 through TT 5) were advanced within the inferred margins of the release in an effort to determine the vertical extent of impacted soil. The test trenches were advanced in increments of one (1) foot to total depths ranging from one (1) foot (TT 4 and TT 5) to six (6) feet bgs (TT 1 and TT 2). During the advancement of the test trenches, soil samples were collected and field-screened for the presence of Volatile Organic Compounds (VOCs) utilizing olfactory/visual senses and/or concentrations of chloride utilizing a Hach Quantab ® chloride test kit.

Based on field observations and field test data, a total of 22 delineation soil samples (TT 1 @ Surf through TT 1 @ 6', TT 2 @ Surf through TT 2 @ 6', TT 3 @ Surf through TT 3 @ 3', TT 4 @ Surf, TT 4 @ 1', TT 5 @ Surf, and TT 5 @ 1') were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Based on laboratory analytical results, the vertical extent of impacted soil was adequately defined and ranged from two (2) feet bgs in trench TT 3 to six (6) feet bgs in trenches TT 1 and TT 2. Impacted soil did not extend beyond ground surface in the areas characterized by test trenches TT 4 and TT 5.

### 5.0 REMEDIATION ACTIVITIES SUMMARY

Requesting a remediation plan approval with this submission?	X Yes No
Have the lateral and vertical extents of contamination been fully delineated?	X Yes No
Was this release entirely contained within a lined containment area?	Yes X No
On what estimated date will (or did) the remediation commence?	9/6/2024
On what date will (or did) the final sampling or liner inspection occur?	1/27/2025
On what date will (or was) the remediation complete(d)?	1/27/2025
What is the total surface area (sq. ft.) in need of or that will <i>eventually</i> be reclaimed?	31,460
What is the total volume (cy) in need of or that will eventually be reclaimed?	4,128
What was the total surface area (sq. ft.) that has or will be remediated?	31,460
What was the total volume (cy) that has or will be remediated?	4,136
This remediation utilized the following processes to remediate/reduce contaminants:	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	X Yes No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Yes X No
(In Situ) Soil Vapor Extraction	Yes X No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Yes X No
(In Situ) Biological processing (i.e. Microbes/Fertilizer, etc.)	Yes X No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Yes X No
Ground Water Abatement pursuant to 19.15.30 NMAC	Yes X No
Other (Non-listed remedial process)	Yes X 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

<sup>\*\*</sup> Environmental Protection Agency

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

<sup>‡</sup> Reclamation Standards apply only to the top 4' of soil in non-production areas. Subsection 19.15.29.13 D.(1) NMAC.

On September 6, 2024, Etech commenced remediation activities at the Site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD Closure Criteria and/or 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/or NMOCD Reclamation Standards. Representative five-point composite confirmation soil samples were collected every 200 square feet from the sidewalls and floor of the excavated area to be submitted for laboratory analysis. 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	20,000	TT 1 @ Surf	9/6/2024	0	Excavated
TPH	14,700	TT 2 @ Surf	9/6/2024	0	Excavated
GRO+DRO	11,400	TT 2 @ Surf	9/6/2024	0	Excavated
BTEX	< 0.300	All submitted soil samples	Various. See Table 1.	0–7	In-Situ & Excavated
Benzene	< 0.050	All submitted soil samples	Various. See Table 1.	0–7	In-Situ & Excavated

Please reference Table 1 for additional information.

On September 11, 2024, Etech collected 42 confirmation soil samples (FL 1 @ 4' through FL 33 @ 5', NW 1, NW 2, EW 1, EW 2, SW 1, SW 2, SW 3, WW 1, and WW 2) 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 also below the NMOCD Closure Criterion and NMOCD Reclamation Standard, with the exception of soil samples FL 3 @ 4', FL 20 @ 6', and FL 23 @ 5'. Based on these laboratory analytical results, the excavation was subsequently further advanced in the areas characterized by soil samples FL 3 @ 4', FL 20 @ 6', and FL 23 @ 5'.

On September 12, 2024, Etech collected 14 confirmation soil samples (FL 34 @ 7' through FL 43 @ 3', FL 43 @ 5', EW 3, EW 4, WW 3, and WW 4) 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 also below the NMOCD Closure Criterion and NMOCD Reclamation Standard, with the exception of soil samples FL 35 @ 6' and FL 42 @ 3'. Based on these laboratory analytical results, the excavation was subsequently further advanced in the areas characterized by soil samples FL 35 @ 6' and FL 42 @ 3'.

On September 13, 2024, Etech collected 22 confirmation soil samples (FL 44 @ 6' through FL 59 @ 4', EW 5, EW 6, EW 7, WW 5, WW 6, and WW 7) 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 September 16, 2024, Etech collected 16 confirmation soil samples (FL 60 @ 5' through FL 73 @ 4', EW 8, and 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, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples.

On September 17, 2024, Etech collected 16 confirmation soil samples (FL 74 @ 1' through FL 88 @ 6' and NW 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 and TPH concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. Chloride concentrations were also below the NMOCD Closure Criterion and NMOCD Reclamation Standard, with the exception of soil samples FL 79 @ 2' and FL 81 @ 1'. Based on these laboratory analytical results, the excavation was subsequently further advanced in the areas characterized by soil samples FL 79 @ 2' and FL 81 @ 1'.

On September 18, 2024, Etech collected 21 confirmation soil samples (FL 3 @ 5', FL 20 @ 7', FL 23 @ 6', FL 35 @ 7', FL 42 @ 4', FL 89 @ 6' through FL 100 @ 7', NW 2, NW 3, SW 2, and SW 3) 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 also below the NMOCD Closure Criterion and NMOCD Reclamation Standard, with the exception of soil samples FL 90 @ 6' and FL 91 @ 6'. Based on these laboratory analytical results, the excavation was subsequently further advanced in the areas characterized by soil samples FL 90 @ 6' and FL 91 @ 6'.

On September 19, 2024, Etech collected 18 confirmation soil samples (FL 101 @ 6', FL 102 @ 6', FL 103 @ 7', FL 105 @ 6' through FL 113 @ 6', NW 4, NW 5, EW 9, SW 4, SW 5, and WW 9) 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 September 23, 2024, Etech collected 47 confirmation soil samples (FL 79 @ 3', FL 81 @ 2', FL 104 @ 6', FL 114 @ 6.5', FL 115 @ 6.5', FL 116 @ 6.5', EW 9 through EW 29, SW 6, and WW 9 through WW 27) 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 also below the NMOCD Closure Criterion and NMOCD Reclamation Standard, with the exception of soil samples EW 15, EW 17, EW 26, and WW 10. Based on these laboratory analytical results, the excavation was subsequently further advanced in the areas characterized by soil samples EW 15, EW 17, EW 26, and WW 10.

On September 24, 2024, Etech collected 13 confirmation soil samples (FL 90 @ 7', FL 91 @ 7', FL 117 @ 3' through FL 122 @ 3', NW 6, NW 7, EW 11, EW 12, and SW 7) 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 September 27, 2024, Etech collected four (4) confirmation soil samples (EW 15 B, EW 17 B, EW 26 B, and WW 10 B) from the sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated 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 soil sample EW 17 B, 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 EW 17 B.

On October 4, 2024, Etech collected one (1) confirmation soil sample (EW 17 C) from the sidewall of the excavated area. The soil sample was submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that the BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards.

From September 26 through October 7, 2024, upon receiving laboratory analytical results from confirmation soil samples, the excavated area was backfilled with locally sourced, non-impacted material emplaced 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.

On October 10, 2024, in accordance with NMOCD requirements, a 5-point composite soil sample (Stockton Pit) was collected from material stockpiled in the nearby Stockton borrow pit, from which the imported backfill material was sourced. The soil sample was submitted to the laboratory for analysis of BTEX, TPH, and chloride concentrations. Laboratory analytical results indicated that the BTEX, TPH, and chloride concentrations in the soil sample were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards and confirmed that material acquired from the pit was acceptable for use as backfill.

On November 14, 2024, based on laboratory analytical results and field activities conducted to that point, a *Remediation Summary & Soil Closure Request* (Closure Request) was submitted to the NMOCD requesting regulatory closure of the release. The Closure Request was denied by the NMOCD on November 27, 2024, primarily on the basis that an insufficient number of samples had been collected for an excavation measuring 31,460 square feet (i.e., 122 base/floor samples were collected, whereas 157 samples were required). An addendum containing responses to related questions posed by the NMOCD in the rejection letter is provided as Appendix G.

On January 24, 2025, in accordance with NMOCD directives, Etech revisited the Site and re-excavated portions of the previously backfilled excavation in order to obtain additional floor samples from the remediated area. A total of 17 confirmation soil samples (FL 123 @ 4' through FL 139 @ 4') were collected from the re-excavated areas and 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, with the exception of soil sample FL 123 @ 4', 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 FL 123 @ 4'.

On January 27, 2025, Etech collected 19 confirmation soil samples (FL 123 @ 5' and FL 140 @ 4' through FL 157 @ 4') from the floors of the re-excavated areas. 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.

Upon receipt of laboratory analytical results, the re-excavated areas were backfilled with non-impacted material, compacted, and contoured to fit the surrounding topography.

On February 25, 2025, based on laboratory analytical results and field activities conducted to that point, an *Amended Remediation Summary & Soil Closure Request* (Amended Closure Request) was submitted to the NMOCD requesting regulatory closure of the release. The Amended Closure Request was denied by the NMOCD on March 6, 2025, on the basis that the additional floor samples collected in January 2025 were obtained at depths inconsistent with data previously submitted to the NMOCD. Locations for both resampling and additional sample collection were refined and finalized through subsequent email correspondence between Etech and the NMOCD, with all samples to be collected as grab samples.

On April 1, 2025, with NMOCD approval, Etech revisited the Site to begin collecting the agreed-upon samples. A total of 22 grab samples (FL 123 @ 6.5' through FL 129 @ 6', FL 143 @ 5.5', FL 143 @ 7', FL 145 @ 7', FL 147 @ 5', FL 148 @ 5.5', FL 149 @ 6', FL 151 @ 6', and FL 153 @ 6' through FL 160 @ 6') 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 April 4, 2025, six (6) grab samples (FL 133 @ 2.5', FL 134 @ 2', FL 161 @ 4', FL 162 @ 4', FL 163 @ 4.5', and FL 163 @ 6') were collected and 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.

Following sample collection, each sample point was backfilled with non-impacted material, compacted, and contoured to fit the surrounding topography.

The final dimensions of the excavated area were approximately 1,152 feet in length; three (3) to 105 feet in width; and one (1) to seven (7) feet in depth. During the course of remediation activities, Etech transported approximately 4,136 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 4,136 cubic yards of locally sourced, non-impacted material to the Site for use as backfill.

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.

### 6.0 SOIL CLOSURE REQUEST

Requesting a deferral of remediation closure due date with the approval of this submission?	Yes X No
Requesting a remediation closure approval with this submission?	X Yes No
Have the lateral and vertical extents of contamination been fully delineated?	X Yes No
Was this release entirely contained within a lined containment area?	Yes X 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.	X Yes No
What was the total surface area (sq. ft.) remediated?	31,460
What was the total volume (cy) remediated?	4,136

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

Based on laboratory analytical results and field activities conducted to date, Etech recommends Mewbourne Oil Company provide copies of this *Amended Remediation Summary & Soil Closure Request* to the appropriate agencies and request remediation closure approval be granted to the Site.

### 7.0 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	X Yes No
than 600 mg/kg chloride, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg benzene?	
Requesting a reclamation approval with this submission?	X Yes No
Requesting a restoration complete approval with this submission?	Yes X No
What was the total surface area (in square feet) reclaimed?	31,460
What was the total volume (in cubic yards) reclaimed?	4,128

Upon receiving laboratory analytical results from confirmation soil samples, excavated areas were backfilled with locally sourced, non-impacted material emplaced 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.

On November 5, 2024, in accordance with NMOCD and BLM requirements, the affected area was seeded with a BLM #2 seed mix certified to be free of noxious weeds. The seed was installed at the prescribed rate utilizing a broadcaster and harrow. Photographs of the seeding event and seed tag are provided in Appendix C.

#### 8.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this *Amended 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.

### 9.0 DISTRIBUTION

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

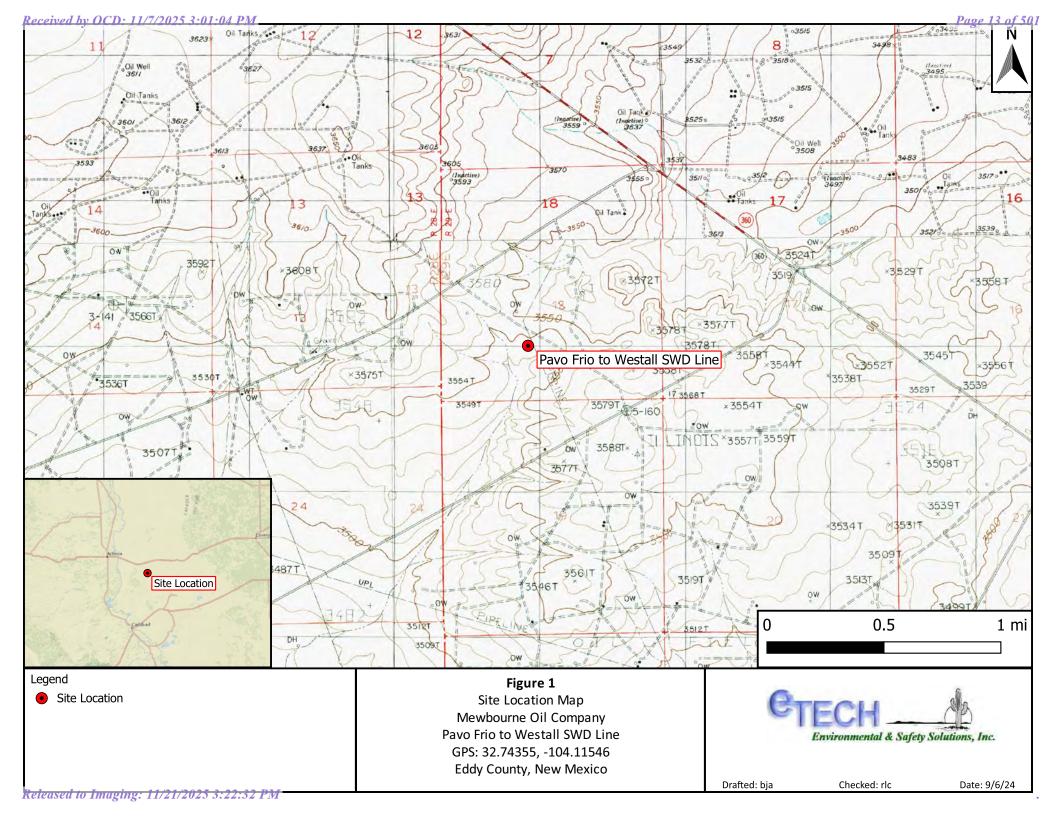
New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division, District 2 811 S. First Street Artesia, NM 88210

### United States Department of the Interior

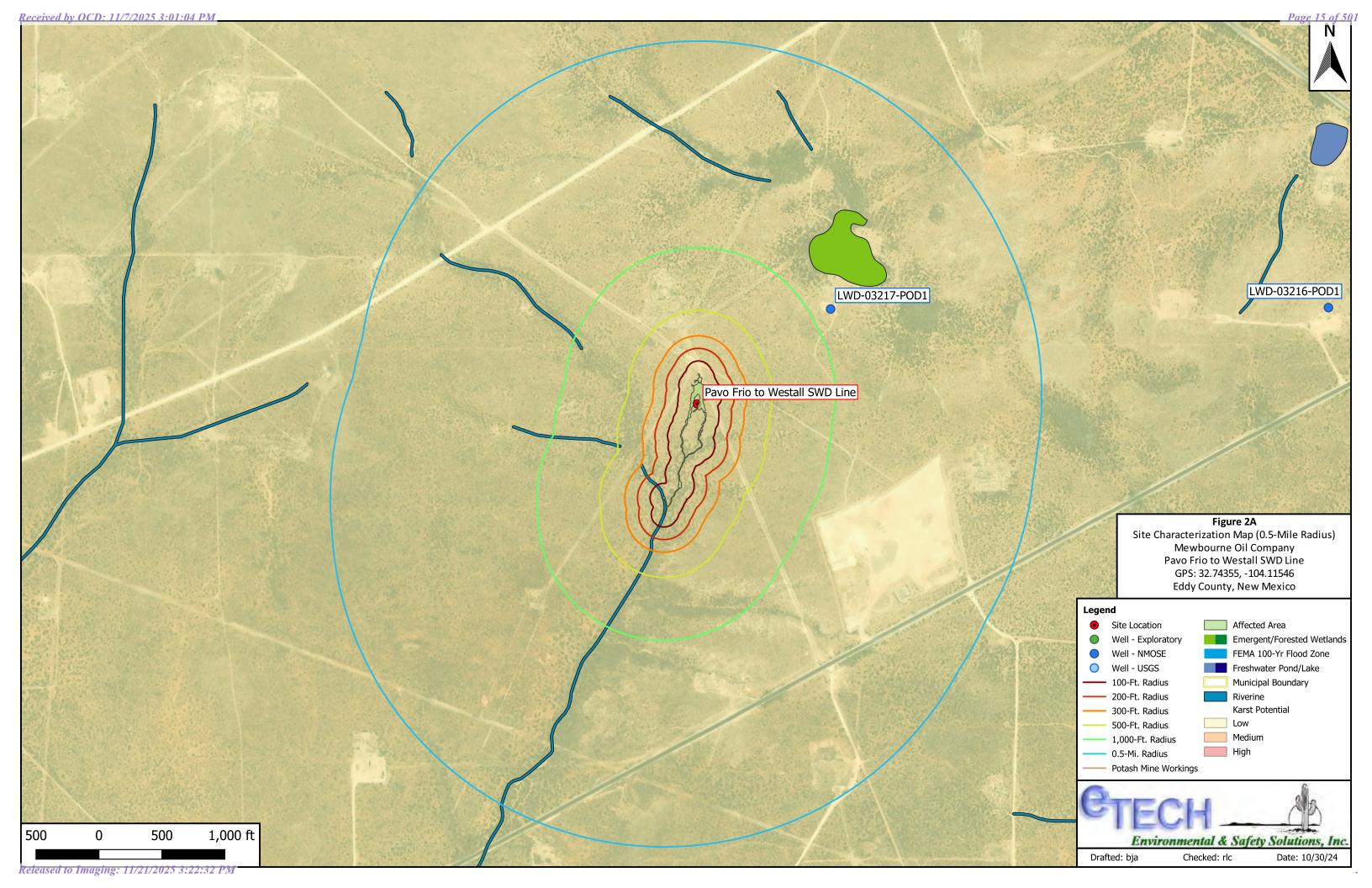
Bureau of Land Management 620 E. Greene Street Carlsbad, NM 88220

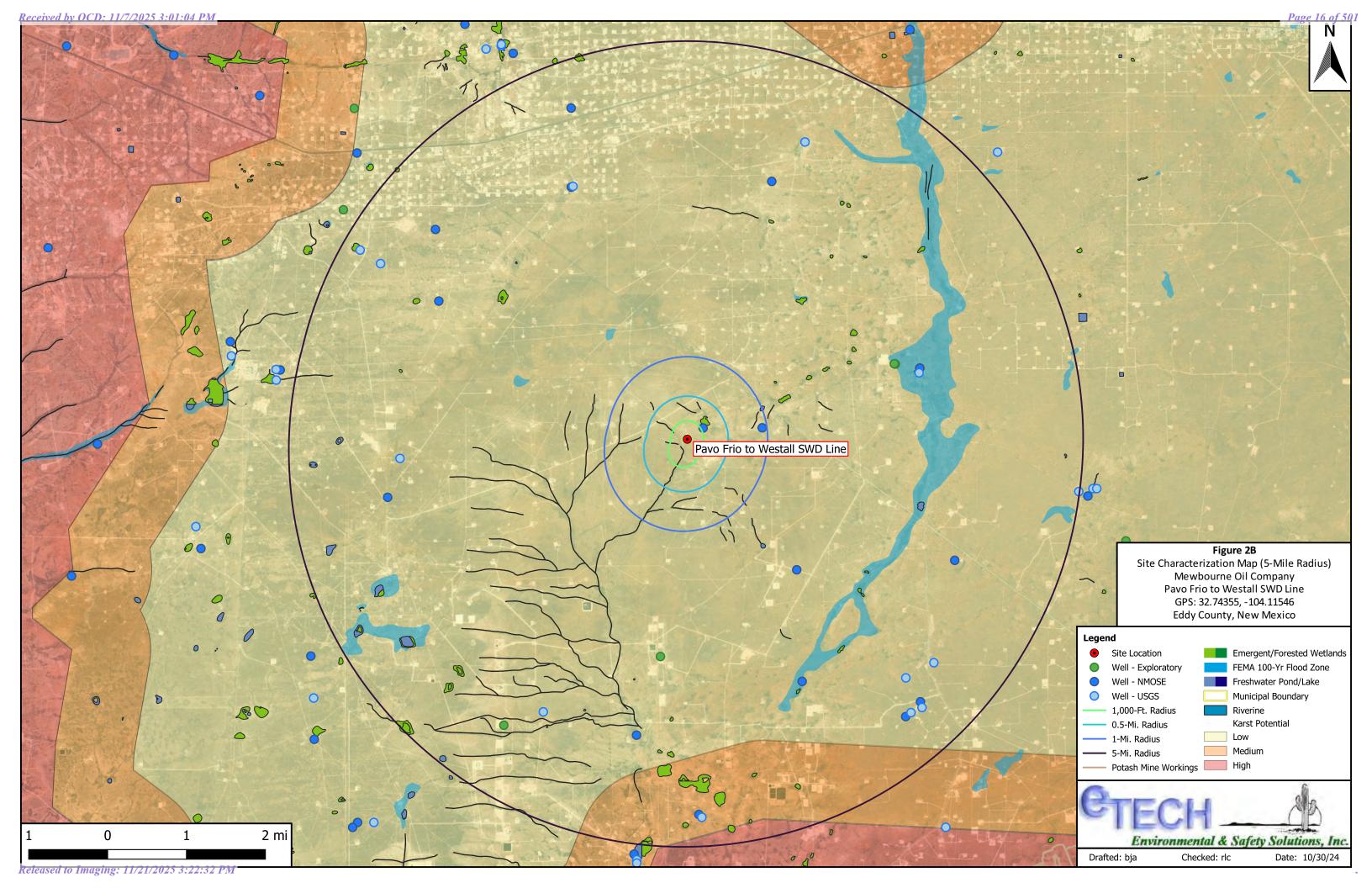
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# Figure 1 Site Location Map

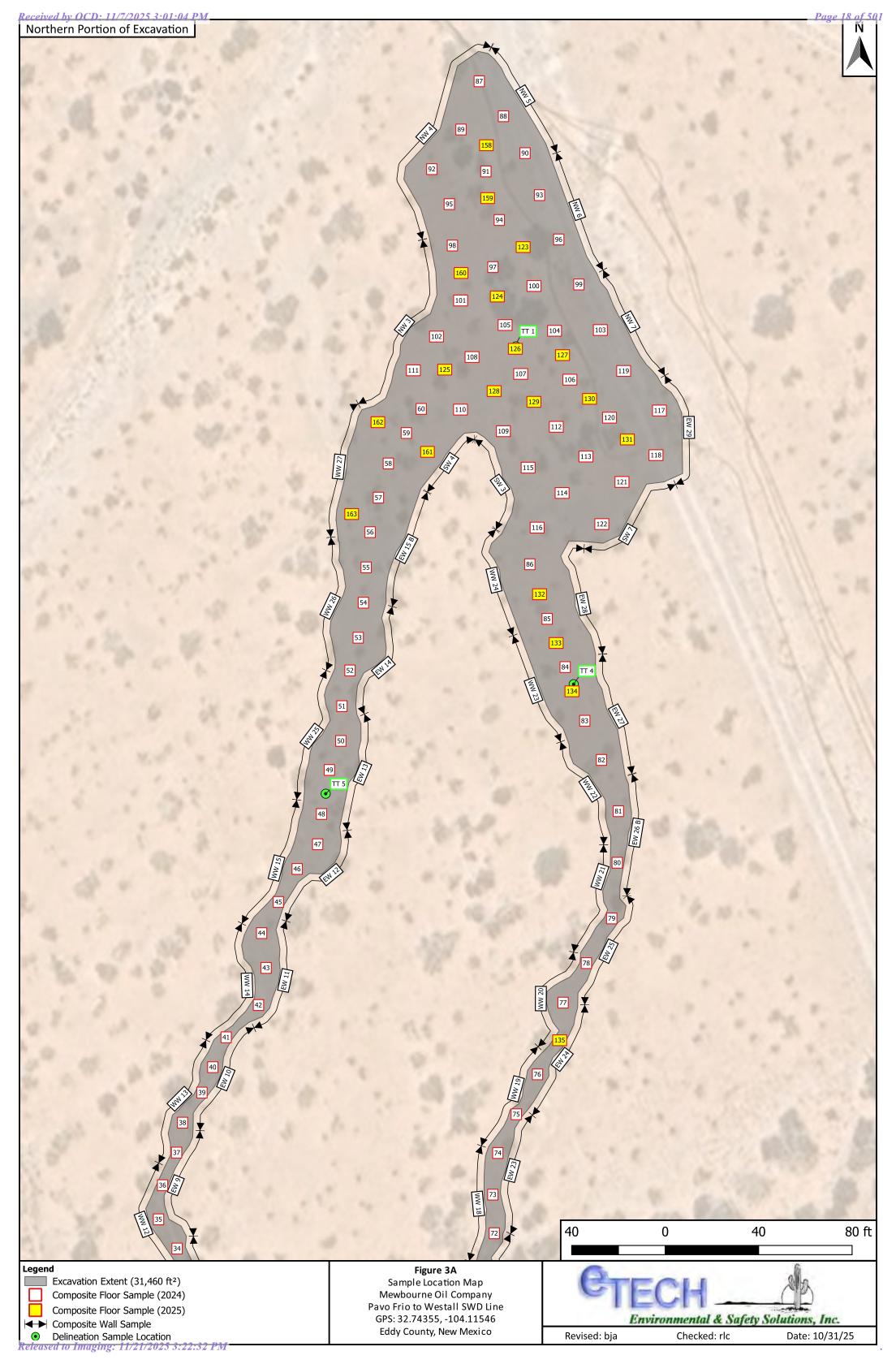


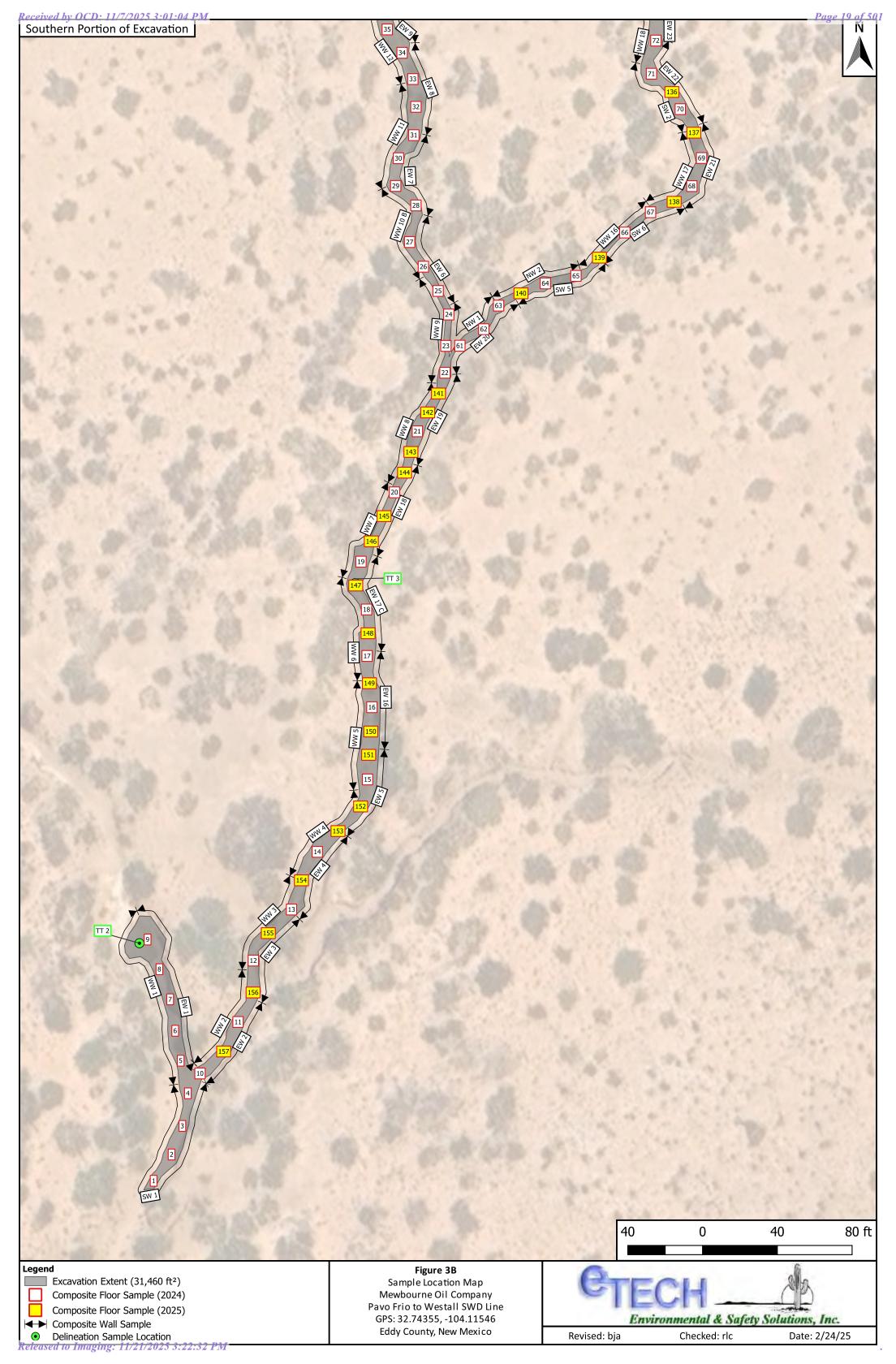
## Figures 2A & 2B Site Characterization Maps





# Figures 3A & 3B Sample Location Maps





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

				NM	OCD Ref.	#: nAPP2	424249029	9		1		
	NMOCD Closu	ıre Criter	ia		10	50	N/A	N/A	N/A	N/A	100	600
NM	IOCD Reclama	tion Stan	dard		10	50	N/A	N/A	N/A	N/A	100	600
					SW 84	6 8021B		SW	846 8015M	Ext.		4500 Cl
Sample ID	Date	Depth (Feet)	Туре	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
TT 1 @ Surf	9/6/2024	0	D	Excavated	< 0.050	< 0.300	<10.0	419	419	99.1	518	2,800
TT 1 @ 1'	9/6/2024	1	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	19,200
TT 1 @ 2'	9/6/2024	2	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	20,000
TT 1 @ 3'	9/6/2024	3	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,600
TT 1 @ 4'	9/6/2024	4	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,600
TT 1 @ 5'	9/6/2024	5	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,660
TT 1 @ 6'	9/6/2024	6	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
TT 2 @ Surf	9/6/2024	0	D	Excavated	< 0.050	< 0.300	< 50.0	11,400	11,400	3,280	14,700	15,800
TT 2 @ 1'	9/6/2024	1	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,160
TT 2 @ 2'	9/6/2024	2	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,000
TT 2 @ 3'	9/6/2024	3	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,480
TT 2 @ 4'	9/6/2024	4	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,840
TT 2 @ 5'	9/6/2024	5	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	848
TT 2 @ 6'	9/6/2024	6	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
TT 3 @ Surf	9/6/2024	0	D	Excavated	< 0.050	< 0.300	<10.0	80.7	80.7	35.4	116	880
TT 3 @ 1'	9/6/2024	1	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,440
TT 3 @ 2'	9/6/2024	2	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
TT 3 @ 3'	9/6/2024	3	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
TT 4 @ Surf	9/6/2024	0	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
TT 4 @ 1'	9/6/2024	1	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
TT 5 @ Surf	9/6/2024	0	D	Excavated	< 0.050	< 0.300	<10.0	13.0	13.0	<10.0	13.0	16.0
TT 5 @ 1'	9/6/2024	1	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496
FL 1 @ 4'	9/11/2024	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 2 @ 4'	9/11/2024	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 3 @ 4'	9/11/2024	4	С	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	960
FL 3 @ 5'	9/18/2024	5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 4 @ 4'	9/11/2024	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 5 @ 4'	9/11/2024	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 6 @ 4'	9/11/2024	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FL 7 @ 4'	9/11/2024	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 8 @ 3'	9/11/2024	3	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 9 @ 7'	9/11/2024	7	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL 10 @ 5'	9/11/2024	5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 11 @ 6'	9/11/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 12 @ 6'	9/11/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FL 13 @ 6'	9/11/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 14 @ 6'	9/11/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 15 @ 6'	9/11/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 16 @ 6'	9/11/2024	6	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 17 @ 6'	9/11/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 18 @ 5'	9/11/2024	5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 19 @ 5'	9/11/2024	5	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0

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

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

Released to Imaging: 11/21/2025 3:22:32 PM A - Assessment F - Backfill

D - Delineation B - Background

C - Confirmation O - Other

				NM	OCD Ref.	#: nAPP2	424249029	9	ı	1		ı
	NMOCD Closu	ıre Criter	ria		10	50	N/A	N/A	N/A	N/A	100	600
NM	IOCD Reclama	tion Stan	dard		10	50	N/A	N/A	N/A	N/A	100	600
					SW 84	6 8021B		SW	846 8015M	Ext.		4500 Cl
Sample ID	Date	Depth (Feet)	Туре	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> •C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
FL 20 @ 6'	9/11/2024	6	С	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	912
FL 20 @ 7'	9/18/2024	7	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 21 @ 3'	9/11/2024	3	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 22 @ 3'	9/11/2024	3	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 23 @ 5'	9/11/2024	5	С	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,100
FL 23 @ 6'	9/18/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 24 @ 4'	9/11/2024	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 25 @ 4'	9/11/2024	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 26 @ 4'	9/11/2024	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 27 @ 3'	9/11/2024	3	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 28 @ 6'	9/11/2024	6	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 29 @ 5'	9/11/2024	5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 30 @ 4'	9/11/2024	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 31 @ 5'	9/11/2024	5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 32 @ 5'	9/11/2024	5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 33 @ 5'	9/11/2024	5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 34 @ 7'	9/12/2024	7	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 35 @ 6'	9/12/2024	6	С	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	960
FL 35 @ 7'	9/18/2024	7	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 36 @ 4'	9/12/2024	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 37 @ 6'	9/12/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 38 @ 5'	9/12/2024	5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 39 @ 5'	9/12/2024	5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 40 @ 5'	9/12/2024	5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 41 @ 5'	9/12/2024	5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 42 @ 3'	9/12/2024	3	С	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	960
FL 42 @ 4'	9/18/2024	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 43 @ 5'	9/12/2024	5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 44 @ 6'	9/13/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 45 @ 6'	9/13/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 46 @ 5'	9/13/2024	5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 47 @ 5'	9/13/2024	5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 48 @ 5'	9/13/2024	5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 49 @ 4'	9/13/2024	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 50 @ 6'	9/13/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 51 @ 5'	9/13/2024	5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 52 @ 6'	9/13/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL 53 @ 6'	9/13/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 54 @ 6'	9/13/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 55 @ 6'	9/13/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 56 @ 6'	9/13/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 57 @ 3'	9/13/2024	3	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0

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Red Border with Shading: Highest observed concentration.

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				NM	OCD Ref.	#: nAPP2	424249029	9	1	_	T	1
	NMOCD Closu				10	50	N/A	N/A	N/A	N/A	100	600
NI	MOCD Reclama	tion Stan	dard		10	50	N/A	N/A	N/A	N/A	100	600
					SW 84	6 8021B		SW	846 8015M	Ext.	•	4500 Cl
Sample ID	Date	Depth (Feet)	Туре	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
FL 58 @ 4'	9/13/2024	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 59 @ 4'	9/13/2024	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 60 @ 5'	9/16/2024	5	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 61 @ 4'	9/16/2024	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 62 @ 3'	9/16/2024	3	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 63 @ 3'	9/16/2024	3	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 64 @ 4'	9/16/2024	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 65 @ 4'	9/16/2024	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 66 @ 4'	9/16/2024	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 67 @ 4'	9/16/2024	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 68 @ 4'	9/16/2024	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 69 @ 4'	9/16/2024	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 70 @ 3'	9/16/2024	3	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 71 @ 3'	9/16/2024	3	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 72 @ 3'	9/16/2024	3	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 73 @ 4'	9/16/2024	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 74 @ 1'	9/17/2024	1	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 75 @ 1'	9/17/2024	1	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 76 @ 1'	9/17/2024	1	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 77 @ 2'	9/17/2024	2	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 78 @ 1'	9/17/2024	1	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 79 @ 2'	9/17/2024	2	С	Excavated	< 0.050	< 0.300	<10.0	23.8	23.8	<10.0	23.8	1,730
FL 79 @ 3'	9/23/2024	3	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 80 @ 2'	9/17/2024	2	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 81 @ 1'	9/17/2024	1	С	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	896
FL 81 @ 2'	9/23/2024	2	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 82 @ 2'	9/17/2024	2	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 83 @ 2'	9/17/2024	2	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 84 @ 2'	9/17/2024	2	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL 85 @ 3'	9/17/2024	3	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 86 @ 3'	9/17/2024	3	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 87 @ 5'	9/17/2024	5	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
FL 88 @ 6'	9/17/2024	6	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 89 @ 6'	9/18/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	528
FL 90 @ 6'	9/18/2024	6	С	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	640
FL 90 @ 7'	9/24/2024	7	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 91 @ 6'	9/18/2024	6	С	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	640
FL 91 @ 7'	9/24/2024	7	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 92 @ 6'	9/18/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	592
FL 93 @ 6'	9/18/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL 94 @ 7'	9/18/2024	7	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 95 @ 6'	9/18/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0

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

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

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D - Delineation B - Background

C - Confirmation O - Other

				NM	OCD Ref.	#: nAPP2	42424902	9	1		T	1
	NMOCD Closu	ıre Criter	ria		10	50	N/A	N/A	N/A	N/A	100	600
NM	IOCD Reclama	tion Stan	dard		10	50	N/A	N/A	N/A	N/A	100	600
					SW 84	6 8021B		SW	846 8015M	Ext.	•	4500 Cl
Sample ID	Date	Depth (Feet)	Туре	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
FL 96 @ 6'	9/18/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 97 @ 6'	9/18/2024	6	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FL 98 @ 6'	9/18/2024	6	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 99 @ 6'	9/18/2024	6	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 100 @ 7'	9/18/2024	7	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 101 @ 6'	9/19/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 102 @ 6'	9/19/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 103 @ 7'	9/19/2024	7	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 104 @ 6'	9/23/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 105 @ 6'	9/19/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 106 @ 6'	9/19/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
FL 107 @ 6'	9/19/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FL 108 @ 6'	9/19/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 109 @ 6'	9/19/2024	6	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 110 @ 6'	9/19/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
FL 111 @ 6'	9/19/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 112 @ 6'	9/19/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 113 @ 6'	9/19/2024	6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 114 @ 6.5'	9/23/2024	6.5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 115 @ 6.5'	9/23/2024	6.5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 116 @ 6.5'	9/23/2024	6.5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 117 @ 3'	9/24/2024	3	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 118 @ 3'	9/24/2024	3	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 119 @ 3'	9/24/2024	3	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 120 @ 3'	9/24/2024	3	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 121 @ 3'	9/24/2024	3	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 122 @ 3'	9/24/2024	3	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 123 @ 4'	1/24/2025	4	С	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	704
FL 123 @ 5'	1/27/2025	5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 123 @ 6.5'	4/1/2025	6.5	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 124 @ 4'	1/24/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 124 @ 6.5'	4/1/2025	6.5	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 125 @ 4'	1/24/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 125 @ 6'	4/1/2025	6	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 126 @ 4'	1/24/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 126 @ 6'	4/1/2025	6	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 127 @ 4'	1/24/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 127 @ 6.5'	4/1/2025	6.5	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 128 @ 4'	1/24/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 128 @ 6'	4/1/2025	6	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 129 @ 4'	1/24/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 129 @ 6'	4/1/2025	6	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0

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

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

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D - Delineation B - Background C - Confirmation O - Other

FL 136 @ 4'		NMOCD Ref. #: nAPP2424249029											
Nample   Dept   Dept   Dept   Profest   Profest   Profest   Dept   Dept   Profest		NMOCD Closu	re Criter	ria		10	50	N/A	N/A	N/A	N/A	100	600
No.   Part   P	NM	IOCD Reclama	tion Stan	dard		10	50	N/A	N/A	N/A	N/A	100	600
Part						SW 84	6 8021B		SW	846 8015M	Ext.	1	4500 Cl
First   Firs		Date		Туре	Soil Status			C <sub>6</sub> -C <sub>10</sub>	C <sub>10</sub> -C <sub>28</sub>	DRO C <sub>6</sub> -C <sub>28</sub>	C <sub>28</sub> -C <sub>36</sub>	C <sub>6</sub> -C <sub>36</sub>	
Fig.		1/24/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
Fig. 133 \( \alpha \)	FL 131 @ 4'	1/24/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
Fig. 133 @ 4'	FL 132 @ 4'	1/24/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
Fig. 134 @ 2'	FL 133 @ 2.5'	4/4/2025	2.5	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL	FL 133 @ 4'	1/24/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
Fig. 135 @ 4'   1/24/2025	FL 134 @ 2'	4/4/2025	2	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 136 @ 4'	FL 134 @ 4'	1/24/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 137 @ 4'	FL 135 @ 4'	1/24/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 138 @ 4'	FL 136 @ 4'	1/24/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL   139 @ 4'	FL 137 @ 4'	1/24/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL	FL 138 @ 4'	1/24/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 141 @ 4'	FL 139 @ 4'	1/24/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 142 @ 4'	FL 140 @ 4'	1/27/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL   143 @ 4'	FL 141 @ 4'	1/27/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 143 @ 5.5'	FL 142 @ 4'	1/27/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 143 @ 7'	FL 143 @ 4'	1/27/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 144 @ 4'	FL 143 @ 5.5'	4/1/2025	5.5	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 145 @ 4'	FL 143 @ 7'	4/1/2025	7	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 145 @ 7'	FL 144 @ 4'	1/27/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 146 @ 4'	FL 145 @ 4'	1/27/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 147 @ 4'	FL 145 @ 7'	4/1/2025	7	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 147 @ 5'	FL 146 @ 4'	1/27/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 148 @ 4'	FL 147 @ 4'	1/27/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 148 @ 5.5'	FL 147 @ 5'	4/1/2025	5	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 149 @ 4'	FL 148 @ 4'	1/27/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 149 @ 6'	FL 148 @ 5.5'	4/1/2025	5.5	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 150 @ 4'	FL 149 @ 4'	1/27/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 151 @ 4'	FL 149 @ 6'	4/1/2025	6	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 151 @ 6'	FL 150 @ 4'	1/27/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 152 @ 4'	FL 151 @ 4'	1/27/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 153 @ 4'	FL 151 @ 6'	4/1/2025	6	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 153 @ 6'	FL 152 @ 4'	1/27/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 154 @ 4'	FL 153 @ 4'	1/27/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 154 @ 6'	FL 153 @ 6'	4/1/2025	6	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	80.0
FL 155 @ 4'	FL 154 @ 4'	1/27/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	16.0
FL 155 @ 6'         4/1/2025         6         D         In-Situ         <0.050         <0.300         <10.0         <20.0         <10.0         <30.0         80.0           FL 156 @ 4'         1/27/2025         4         C         In-Situ         <0.050	FL 154 @ 6'	4/1/2025	6	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 156 @ 4'	FL 155 @ 4'	1/27/2025	4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 156 @ 6'	FL 155 @ 6'	4/1/2025	6	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 157 @ 4'	FL 156 @ 4'	1/27/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	FL 156 @ 6'	4/1/2025	6	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 157 @ 5.5' 4/1/2025 5.5 D In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 16.0	FL 157 @ 4'	1/27/2025	4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	FL 157 @ 5.5'	4/1/2025	5.5	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0

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

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

Released to Imaging: 11/21/2025 3:22:32 PM A - Assessment F - Backfill D - Delineation B - Background

C - Confirmation O - Other

	NMOCD Ref. #: nAPP2424249029											
	NMOCD Closu	ıre Criter	ia		10	50	N/A	N/A	N/A	N/A	100	600
NN	IOCD Reclama	tion Stan	dard		10	50	N/A	N/A	N/A	N/A	100	600
					SW 84	6 8021B		SW	846 8015M	Ext.	1	4500 Cl
Sample ID	Date	Depth (Feet)	Туре	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
FL 158 @ 6.5'	4/1/2025	6.5	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 159 @ 7'	4/1/2025	7	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 160 @ 6'	4/1/2025	6	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 161 @ 4'	4/4/2025	4	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 162 @ 4'	4/4/2025	4	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 163 @ 4.5'	4/4/2025	4.5	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 163 @ 6'	4/4/2025	6	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW 1	9/11/2024	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NW 1	9/17/2024	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
NW 2	9/11/2024	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
NW 2	9/18/2024	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
NW 3	9/18/2024	0-6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
NW 4	9/19/2024	0-6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
NW 5	9/19/2024	0-7	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NW 6	9/24/2024	0-7	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
NW 7	9/24/2024	0-7	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
EW 1	9/11/2024	0-7	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
EW 2	9/11/2024	0-6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
EW 3	9/12/2024	0-6	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
EW 4	9/12/2024	0-6	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
EW 5	9/13/2024	0-6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
EW 6	9/13/2024	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
EW 7	9/13/2024	0-6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
EW 8	9/16/2024	0-7	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
EW 9	9/19/2024	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
EW 9	9/23/2024	0-7	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW 10	9/23/2024	0-5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW 11	9/23/2024	0-4	С	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
EW 11	9/24/2024	0-6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
EW 12	9/23/2024	0-4	С	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
EW 12	9/24/2024	0-6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
EW 13	9/23/2024	0-6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
EW 14	9/23/2024	0-6	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
EW 15	9/23/2024	0-4	C	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,420
EW 15 B	9/27/2024	0-6	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	528
EW 16	9/23/2024	0-6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
EW 17	9/23/2024	0-4	С	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	704
EW 17 B	9/27/2024	0-6	С	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	608
EW 17 C	10/4/2024	0-6	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
EW 18	9/23/2024	0-7	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW 19	9/23/2024	0-7	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
EW 20	9/23/2024	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128

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

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

Released to Imaging: 11/21/2025 3:22:32 PM A - Assessment F - Backfill

D - Delineation B - Background

C - Confirmation O - Other R - Deferral

	NMOCD Ref. #: nAPP2424249029											
	NMOCD Closu				10	50	N/A	N/A	N/A	N/A	100	600
N	MOCD Reclama	ation Stan	dard		10	50	N/A	N/A N/A N/A			100	600
					SW 84	6 8021B		SW	846 8015M	Ext.	ı	4500 Cl
Sample ID	Date	Depth (Feet)	Туре	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
EW 21	9/23/2024	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
EW 22	9/23/2024	0-3	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
EW 23	9/23/2024	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
EW 24	9/23/2024	0-2	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
EW 25	9/23/2024	0-3	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
EW 26	9/23/2024	0-2	С	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,490
EW 26 B	9/27/2024	0-2	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
EW 27	9/23/2024	0-2	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
EW 28	9/23/2024	0-6.5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW 29	9/23/2024	0-3	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
SW 1	9/11/2024	0-5	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW 2	9/11/2024	0-2	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW 2	9/18/2024	0-3	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
SW 3	9/11/2024	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
SW 3	9/18/2024	0-6.5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW 4	9/19/2024	0-6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
SW 5	9/19/2024	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW 6	9/23/2024	0-4	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW 7	9/24/2024	0-3	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
WW 1	9/11/2024	0-7	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WW 2	9/11/2024	0-6	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WW 3	9/12/2024	0-6	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW 4	9/12/2024	0-6	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW 5	9/13/2024	0-6	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
WW 6	9/13/2024	0-6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW 7	9/13/2024	0-7	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
WW 8	9/16/2024	0-7	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW 9	9/19/2024	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
WW 9	9/23/2024	0-6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
WW 10	9/23/2024	0-4	С	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	640
WW 10 B	9/27/2024	0-6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	528
WW 11	9/23/2024	0-5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	544
WW 12	9/23/2024	0-7	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
WW 13	9/23/2024	0-6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
WW 14	9/23/2024	0-6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
WW 15	9/23/2024	0-6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
WW 16	9/23/2024	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW 17	9/23/2024	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WW 18	9/23/2024	0-4	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
WW 19	9/23/2024	0-1	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
WW 20	9/23/2024	0-2	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WW 21	9/23/2024	0-3	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288

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

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

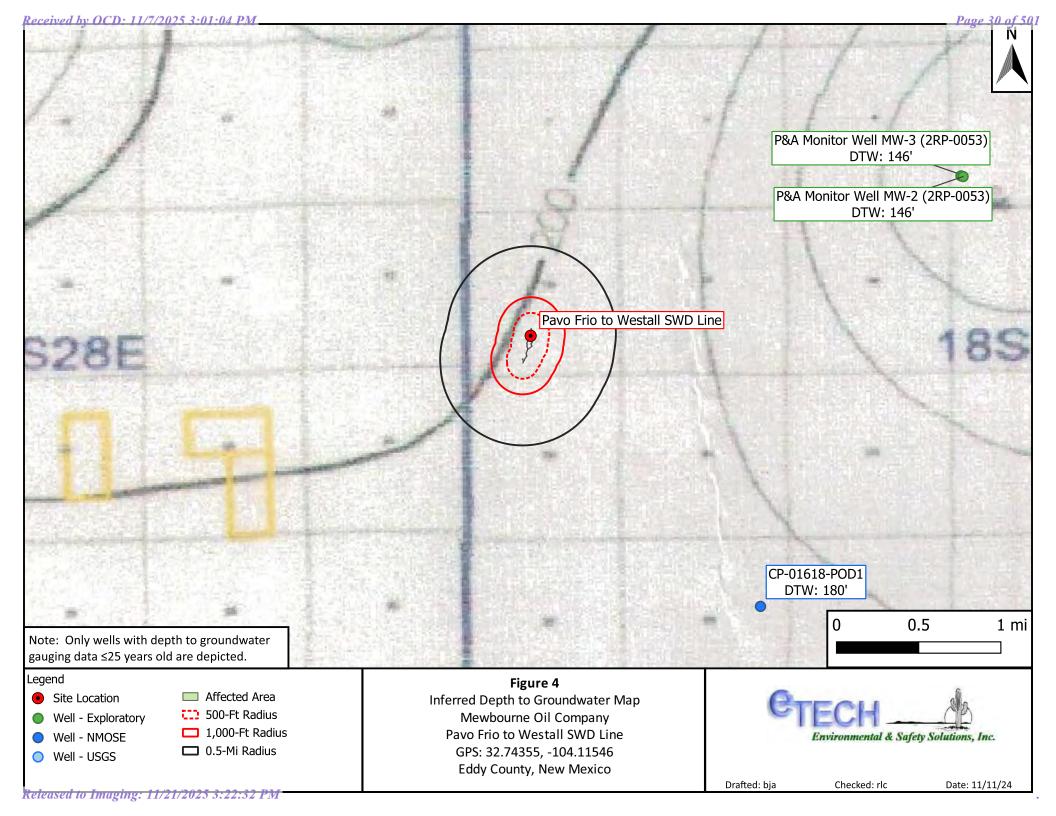
Released to Imaging: 11/21/2025 3:22:32 PM A - Assessment F - Backfill

D - Delineation B - Background C - Confirmation O - Other

	Table 1									
Concentrations of BTEX, TPH & Chloride in Soil										
:	Mewbourne Oil Company									
Pa	Pavo Frio to Westall SWD Line									
NMOCD Ref. #: nAPP2424249029										
ļ.	10	50	N/A	N/A	N/					

	NMOCD Closu	ıre Critei	ia		10	50	N/A	N/A	N/A	N/A	100	600
N	MOCD Reclama	tion Star	dard		10	50	N/A	N/A	N/A	N/A	100	600
					SW 84	6 8021B		SW	846 8015M	Ext.		4500 Cl
Sample ID	Date	Depth (Feet)	Туре	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
WW 22	9/23/2024	0-2	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496
WW 23	9/23/2024	0-3	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW 24	9/23/2024	0-6.5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
WW 25	9/23/2024	0-6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW 26	9/23/2024	0-6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WW 27	9/23/2024	0-6	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
Stockton Pit	10/10/2024	N/A	F	Backfill	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0

# Appendix A Depth to Groundwater Information



## **Point of Diversion Summary**

quarters are 1=NW 2=NE 3=SW 4=SE quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Υ	Мар
	CP 01618 POD1	SW	SE	NE	29	18S	29E	585119.6	3620554.9	

\* UTM location was derived from PLSS - see Help

Driller License:	1058	Driller Company:	KEY'S DRILLING & PUMP SERVICE		
Driller Name:	DON KUEHN	III			
<b>Drill Start Date:</b>	2016-08-23	Drill Finish Date:	2016-08-26	Plug Date:	
Log File Date:	2016-09-12	PCW Rcv Date:		Source:	Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield:	2
Casing Size:	4.50	Depth Well:	240	Depth Water:	180

### **Water Bearing Stratifications:**

Тор	Bottom	Description
140	200	Sandstone/Gravel/Conglomerate
200	240	Sandstone/Gravel/Conglomerate

## **Casing Perforations:**

Тор	Bottom
200	240

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

8/20/24 7:34 AM MST Point of Diversion Summary

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## WELL RECORD & LOG

### OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

	WELL OWN						OSE FILE NUI CP 01618 PHONE (OPT)		TOIL SEP 1	C Z C Z
	WELL OWN	<u> </u>					CITY		STATE	
	1012 E 2NI		ADDRESS				ROSWELL	NI		
			DE	EGREES	MINUTES SECO	ONDS	<u> </u>			<u> </u>
} .	WELL LOCATIO	N I A 7	TITUDE 32	43	10.16	N	* ACCURACY	REQUIRED: ONE TEN	TH OF A SECOND	Om (
	(FROM GP	PS)	NGПUDE 104	<b>4</b> 5	30.08	W	* DATUM REG	QUIRED: WGS 84		
	DESCRIPTION			STREET ADDRESS	AND COMMON LAND	MARKS PLS	SS (SECTION, TO	WNSHJIP, RANGE) WH	ERE AVAILABLE	
	LICENSE NU	IMBER	NAME OF LICENSED	DRILLER				NAME OF WELL DR	ILLING COMPANY	
	WD-1058	, in Dec	DON KUEHN III	J. I. J.					PUMP SERVICE INC	
Ì	DRILLING S	TARTED	DRILLING ENDED	DEPTH OF COMP	ETED WELL (FT)	BORE HO	LE DEPTH (FT)	DEPTH WATER FIR	ST ENCOUNTERED (FT)	)
	08/23/16		08/26/16	240		240		180		
Z.	STATIC WATER LEVEL IN COMPLETED WELL  COMPLETED WELL IS: ARTESIAN DRY HOLE SHALLOW (UNCONFINED)  STATIC WATER LEVEL IN COMPLETED WELL  180							ELI. (FT)		
VIIO	DRILLING F	LUID:	☐ AIR	<b>Z</b> MUD	ADDITIVES - SPI	ECIFY:				
RM/	DRILLING M	METHOD:	<b>Z</b> rotary	HAMMER	CABLE TOOL	ОТНЕ	ER – SPECIFY:			
NFO	DEPTH	(feet bgl)	BORE HOLE	CASING MA	TERIAL AND/OR		A CIDICI	CASING	CASING WALL	EL O.T.
S I	FROM	ТО	DIAM	1	RADE casing string, and	CON	ASING NECTION	INSIDE DIAM.	THICKNESS	SLOT SIZE
& CASING INFORMATION			(inches)		ions of screen)	T	TYPE	(inches)	(inches)	(inches)
3										ļ
JNJ	0	200	8-3/4"		PVC		PLINE PLINE	4-1/2"	SCH40	030
DRILLING	200	240	8-3/4"		PVC		PLINE	4-1/2"	SCH40	.030
2. D										
4 2										<u> </u>
	DEPTH	(feet bgl)	BORE HOLE		ANNULAR SEAL M			AMOUNT	метно	
IAL	FROM	ТО	DIAM. (inches)	GRAVE	L PACK SIZE-RANG	E BY INTE	ERVAL	(cubic feet)	PLACEN	MENT
TER	0	20	8-3/4"		CEMENT				HAN	
ANNULAR MATERIAL	20	20 240 8-3/4" VEALMORE PEA GRAVEL							HAN	D
LAR										
NN						<del></del>				
3. A.					. <u> </u>					
FOR	OSE INTER	NAL USE	•	•			WR-2	0 WELL RECORD	& LOG (Version 06/0	8/2012)
	E NUMBER	CP-	1618		POD NUMBER				<i>15</i> 53	
LOC	CATION	185	1618 29 E	Sec 2	_9	34	2			1 OF 2

PAGE 2 OF 2

-	DEPTH (	feet bol)	<u> </u>			ESTIMATED
	FROM	то	THICKNESS (fect)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONE (attach supplemental sheets to fully describe all units)	S BEARING (YES / No	R YIELD FOR G? WATER-
	0	20	20	TOP SOIL, GRAVEL & SAND	□ Y <b>•</b>	N
	20	40	20	COURSE SAND & GRAVEL	□ Y	N
	40	60	20	BROWN CLAY	□ Y <b>■</b>	ı N
	60	140	80	RED BED	□ Y <b>■</b>	N
	140	200	60	SANDSTONE	<b>■</b> Y □	] N
	200	240	40	GRAVEL	■ Y □	] N
	le.				□У□	] N
OF					□ Y □	] N
90					□ Y □	N
IC.					OY C	] N
007					□Y □	N
GEO		1			□ Y □	J N
4. HYDROGEOLOGIC LOG OF WELL					□ Y □	] N
HYI					□Y □	N
4.					□Y □	И
				] N		
			□Y □	N		
						] N
:					□ Y □	] N
						JN
					□ Y □	И
	METHOD U	ISED TO E	STIMATE YIELD	OF WATER-BEARING STRATA:   PUMP	TOTAL ESTIMA	
	☐ AIR LIF	т 🗆	BAILER	OTHER - SPECIFY:	WELL YIELD (	gpm): 2
NO	WELL TES			ACH A COPY OF DATA COLLECTED DURING WELL TESTING, ING ME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OV		
TEST; RIG SUPERVISION	MISCELLA	NEOUS IN	FORMATION:			
PER						
ns						
RIC						
EST	DDINT NAN	VE(S) OE L	ADILL BIC SUPER	VISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CON	STRUCTION OTH	ER THAN LICENSEE:
5. T	DON KUEHN	• -	KILL KIG SOI EK	VIGOR(6) HIM TROVIDED GROWING SOFERVICION OF WILEE GOL	iornocrion om	ER III ( EREENGEE).
	DON KOLIN	111				
SIGNATURE	CORRECT	RECORD C	FATHE ABOVE D	IES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BEL ESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL F D DAYS AFTER COMPLETION OF WELL DRILLING:		
SIG		$\mathbb{N}$	4/	GARY KEY 09	-13-16	
9		SIGNAT	TURE OF DRILLE	R / PRINT SIGNEE NAME	D	ATE
FO	R OSE INTER	NAL USE		WR-20 WE	LL RECORD & LO	OG (Version 06/08/2012)

200:1110:		<del>, 0</del>	<u> </u>		200
Released to 1	Imaging: 11	/21/2025	3:22:32	PM	

## Appendix B Field Data







### Sample Log

Date:		
Date.		

Project:

Pavo Frio Flow Line

Project Number:

20984

Latitude: 32.744072

Longitude:

-104.115361

Sample ID	PID/Odor	Chloride Conc.	GPS
TT 1 C Suf	_	2584	
TTICI	2	5640	
TTIEZ		7696	
TTIE3		10,640	
T71e4'	-	5,220	
TT1 85		5,720	
771 86		352	
TTIOT	_	The state of the s	
TTZESUTF.		13,840	
TTZ 01'		5,640	
TTLEZ		6,584	
TTZE3"		9,800	
TTZeY		1,800	
TTZES		692	
77206'		480	
TT3@ FORF		1,736	
TT301-		384	
TT302		632	
TT3003		580	
TTYESUrf		192	
ttyer.		192	
TTS esurA		784	
TT5 e1'		284	
FL103		1,104	
EWI	Resident	192	
ww1		192	
Sus	Parito,	580	
fil'ey'		436	
FLZP 4'		270	
FL3PZ-		884	
t1304'		352	
FLYPY		357	
FLSRY		252	
FLbey		192	
FLTQU		1528	
FL8e3		528	

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:	
Date.	

Project: P	avo	Frio	Flow	Line
------------	-----	------	------	------

Project Number: 20984 Latitude: 32.744072 Longitude: -104.115361

Sample ID	PID/Odor	Chloride Conc.	GPS
L9 (3'		952	
190U		1276	
FL905'		2584	
F1906		692	
FL9 e 7		197	
FLIDES		270	
FLILE -		752	
EL NOI.		194	
FLIZEG'		352	
F1-13P 6		392	
FL1405		952	
ELIVEL'		192	
F. 1585		2584	
FL 1506		392	
FL 1/206		316	
FLITEL		144	
filbey.		384	
FLIRES.		352	
FL 19 @ 4'		2584	
FL19 05		144	
FL20 e4'		2584	
FL10 05		1800	
FL1006		316	
F12102		692	
F171 P3		352	
EWZ		192	
10)WZ		197	
F1.12e3		276	
FL23 03		2544	
FL 23 P 4		1768	
FL 13 @ 5		352	
FL 24 C 4.	0	1200	
51N2		124 124 428	
MIN 1		124	1
FL25e 4'		428	
FL 26 ey		00	

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** 





Date:



O	oll .
CTECH	(43)
	-
Environmental	& Safety Solutions, Inc.

Project: Pavo Frio Flow Line

Project Number: 20984 Latitude: 32.744072 Longitude: 6 -104.115361

Sample ID	PID/Odor	Chloride Conc.	GPS
Sw 3		160	
NWZ		160	
12183		2/4	
~ 78 e 3'		1896	
-128e 9		1394	
-L28e5		872	
12806-		BRU	
=L1905		384	
FL30 e4-		3481	
H 31 @ 2.		744	
FLSI PY		749	
C131 e5		744	
E13204		704	
FL3705		284	
+1-33ey		884	
FL33e5		216	
FL34e7		2188	
FL3406'		777	
FL 3407'		348	
FW3		348	
INW 3		384	
FL35 e 5		1256	
FL35 e 10'		308	
E13684		160	
FL37 P3-		2544	
FL37ey		1088	
F137 e5		1251	
Q37 66		348	
EL38 84.		077	
til by one		1 / C	
		271	
FL39 03'	-	1276	
139 05		357	
H39 05.		350	
www		311	
	,		
109063		1276	

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







Sample Log	
Date:	

		Date.	
Project:		4	
Project Number:	Latitude:	Longitude:	

Sample ID	PID/Odor	Chloride Conc.	GPS
FL40 e 4'		752	
FL4005:		144	
FLY11e3		384	
PIYIRY'		692	
ELYI 05		220	
FL47 e 3		436	
E143 P.3-		952	
EL4304-		824	
TU1205.		220	
FLYHET		752	
FLYYP 6		352	
FL45 e 12		352	
FL4605-		192	
FLUT +5		168	
FLY8er		1(0)	
WWS		352	
ENS	-	352	
FL49 e 4		284	
F150e3		752	
FL5004'		692	
FL5005-		692	
FL5066'		252	
FUSICT-		192	
F152e3		1104	
F152 ey-		752	
FISZes"		632	
Elszeb'		316	
FL53 @ 6		392	
K15463		374	
ww 6		784	
		284	
FLSTEY		884	
FLSTEY- FLSTES		384 104	
1- FL 59 C 6	,	352	
+L50 06.		352 352 210	
F156 € 6'		270	

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







Date:



0		

ı	LUII-		-	
	Environmental &	Sajety	Solutions,	14

Droin	ct.
Proje	CL.

r roject.			
Project Number:	Latitude:	Longitude:	

PID/Odor	Chloride Conc.	GPS
	168	
	1984	
	220	
	316	
1 International Control	220	
Marie Control	720	
	292	
	220	
-6-3		
E S		
	412	
	368	
	368	
	456	
	384	
12	412	
	368	
	9	
	776	
	332	
1	368	
	292	
	500	
	368	
	1860	
	210	
	778	
	456	
		692 228 368 368 368 368 368 368 2140 456 368 368 2140 368 368 2176 368 368 368 368 3760 4776 332 368 368 3776 378

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







		4		
Date:	- <u> </u>	(		

Project:		0		
Project Number:	*	Latitude:	Longitude:	

Sample ID	PID/Odor	Chloride Conc.	GPS
FL81.6 200 1		412	
Ob Degero		R.	
FIRTE 1		884	
FLRZez		2.20	
FL93 e 2		220	
EL84 6 01.		884	
FL8402-		412	10
F18561		752	
FL85e2		908	
FL85 E3		144	
Flore 2		220	
FL87@3		1860	
F18764-		908	
F18/65		220	
FL88e4		408	
FL88 65		1056	
El8 eb		149	
F189 06'		220	
F190 e6'		144	
NWI		220	
Sw2		220	
Figrey		752	
Fl91 es		632	
K19166		412	
F192 e 6		412	
Flageb		368	
1 160		404	
Figuez		220	
+45e6,		348	
14666		228	
F197 66		220	
1 6 7	-	050	
F48 66		144	
Sw3		177	
	5-36-	228	
F199 e 12-	4	197	

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









12		

	10	Date:
Project:	10	
Project Number:	Latitu	de: Longitude:

Sample ID	PID/Odor	Chloride Conc.	GPS
FL 100 e5'		1408	
Flino + 6'		1408	
F10007		456	
FL35e7-		144	
FLEREE	11-	220	
FLIOI es		752	
Fliore6		368	
TL102 e5		884	
FL102 06'		622	
FLIOZE 7		768	
#L103P6		368 368	
EC104 P6-		220	
FLIOS eG		352	
51 106 e 6'		368	
FLIOTES		908	
304		199	
PW4		220	
FL107#6		456	
FL108 e 6		737	
FL 109 P6		270	
FLIID & 6		220	
PULL 66		144	
Rilleb		144	
5125	是在多	220	
LWS		220	
+ 13eb		352	
A114062	_		
5W6 3.6			
FW9 3.8			
12W9 3.6			
FL115 @ 62 3,2			
FL116 C 6 2 3.8			
EW10 3.8			
R79 C3' 32			
FL 81 @ Z 3.6	De Ti		

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





al & Safety Solutions,	Inc.	2.5	
Pavo +	COW	line	
Whitespake	20121 W2	C THE THE	BELLETY

Date:			
Date.			

Project Number:

Project:

20904

Latitude:

32.296191

Longitude:

-104.11026

Sample ID	PID/Odor	Chloride Conc.	GPS
FICH 703'	-	956	
NW-6		580	
PL-11803'		436	
EW-11		376	
512-7	sec.	192	
EW-12	-	252	
N11-7		252	
F1-119	1 1-1	356	
FL 120		148	
F2-121	-	456	
F1-122		193	
EW-15		436	
EU-17	- 1 <del>-3</del> -1	284	
FW-26	_	792	
12/47-10		768	
EW-17C	-	192	

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

139



7.6

# Sample Log

Date:		
Ducc.		

Project: Pa	vo Frid	Flow	Line
-------------	---------	------	------

Project Number: 20984 Latitude: 32.744072 Longitude: -104.115361

Sample ID		PID/Odor	Chloride Conc.	GPS
FL123 @ 4'	2.8		308	
FLIZYCY	1.4	_	116	
1125041	ND	_	ND	
112604	1,4		116	
112704	ND		NO	
FLIZBEU'	NP	~	NP	
1129 641	ND	_	NP	
113004'	ND	_	NP	
13104	WD	_	NO	
L132 C4'	ND	-	PD	
2 133 e 9'	2.4	~	252	
FL 134 @ 4'	1.6	_	144	
1135@4	1.6		144	
L13604	NP	-	<b>V</b> O	
L137 C4	ND	_	ND	
L138 24	NP		NO	
	ND	-	NP	
114004	NO		No	
114164	ND		NP	
114204	NP		NP	
1143 04	ND		NR	
4464	12.0		192	
114504	ND		NO	
	D		ND	
L147e4	NP	_	NO.	
114804	ND	)	NP	
114904	ND		NP	
115004	ND	_	NA	
115104	ND		NP	
115204	ND		ND	
15304	1/0			
1154 84	NO	_	NP	
C 155 04	ND		NO	
15604	ND			
112305	. 6		144	

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







-104.115361	

Sample ID	PID/Odor	Chloride Conc.	GPS
FL-148 0 C.5'	***	412	
FL-14178001		412	
FL-145/07'	all to	228	
FC-157 @ S.S'	43	368	
F1-15606'		260	/
FC-15506	<b>\$</b>	228	
F1-15486	water .	260	
FU15361;	"Million	748	
FE-1518 6		79 h	
F1-14966		NM	
FC-14305.5		228	
FL-147071	_	228	
FC-1580 6.5		194	
F1-159@ 1'		116	
FC-123@ 6.5	-	912	
FL-160 G/		190	
FL-12466.5		168	
FC-126 @ G.	_	412	
FL-127 @ L.S'	_	912	
FC-125@4'	_	4/2	
FL-12806	er-min-	228	
Fl-12901	-	168	

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

# Appendix C Photographic Log

**Photo Number:** 

1

Date:

8/15/2024

Coordinates:

32.744481,-104.115218

**Photo Direction:** South-Southwest

**Photo Description:** 

Aerial view of the affected area.



**Photo Number:** 

2

Date:

8/15/2024

Coordinates:

32.744258,-104.115317

**Photo Direction:** South-Southwest

**Photo Description:** 

Aerial view of the affected area.



**Photo Number:** 

3

Date:

8/15/2024

**Coordinates:** 

32.743521,-104.115462

**Photo Direction:** 

South-Southwest

**Photo Description:** 

Aerial view of the affected area.



**Photo Number:** 

4

Date:

8/15/2024

Coordinates:

32.741315,-104.116237

**Photo Direction:** North-Northeast

**Photo Description:** 

Aerial view of the affected area.



**Photo Number:** 

5

Date:

8/15/2024

Coordinates:

32.742655,-104.115323

**Photo Direction:** 

South-Southwest

**Photo Description:** 



Aerial view of the affected area.

**Photo Number:** 

6

Date:

8/15/2024

Coordinates:

32.741689,-104.116127

**Photo Direction:** 

South

**Photo Description:** 

Aerial view of the affected area.



Photo Number:
7
Photo Direction:
North-Northwest
Photo Description:

View of the excavated area.



Photo Number:

8
Photo Direction:
South-Southwest
Photo Description:

View of the excavated area.



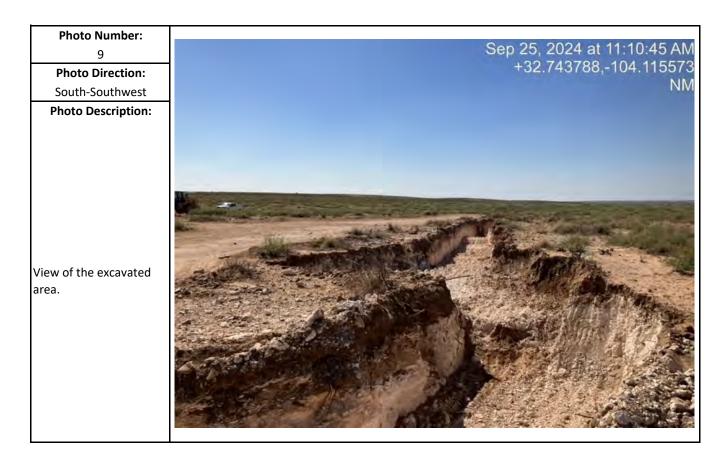




Photo Number:
11
Photo Direction:
South-Southwest
Photo Description:

View of the excavated area.



Photo Number:

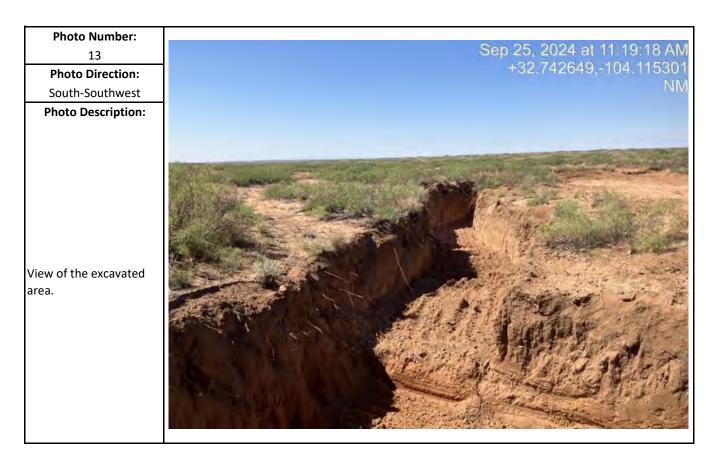
12

**Photo Direction:** South-Southwest

**Photo Description:** 

View of the excavated area.







**Photo Number:** 

15

**Photo Direction:** South-Southwest

**Photo Description:** 

View of the remediated area during backfilling (showing topsoil thickness).



**Photo Number:** 

16

**Photo Direction:** 

North-Northwest

**Photo Description:** 

View of the remediated area during backfilling (showing topsoil thickness).



Photo Number:
17
Photo Direction:
North-Northwest
Photo Description:

View of the remediated area following backfill and regrading.



**Photo Number:** 

18

Photo Direction:

Southeast

**Photo Description:** 

View of the remediated area following backfill and regrading.



Photo Number:
19
Photo Direction:
South-Southwest
Photo Description:

View of the remediated area following backfill and regrading.



Photo Number: 20

**Photo Direction:** South-Southwest

**Photo Description:** 

View of the remediated area following backfill and regrading.



Photo Number:
21
Photo Direction:
South-Southwest
Photo Description:

View of the remediated area following backfill and regrading.



Photo Number: 22 Photo Direction:

**Photo Direction:**South-Southwest

**Photo Description:** 

View of the remediated area following backfill and regrading.



**Photo Number:** 23 **Photo Direction:** N/A Bamert Seed Company Inc. **Photo Description:** 1897 CR 1018 Muleshoe, TX 79347 \ (800) 262-9892 Permit # TX00905 Pavo Frio BLM #2 broadcast rate Lot/Sales # SO-83687 Germ Dormant Hard Seed Origin Kind & Variety Pure Seed Bristlegrass Plains, (Setaria vulpiseta) 49,40% 16.00% 75.00% 0.00% Dropseed, Sand (Sporobolus cryptandrus) 23.64% 16.00% 79.00% 0.00% ΤX Lovegrass Sand, "Bend" (Eragrostis 23.19% 90.00% 7.00% 0.00% ΤX trichodes) Purity: 96.23% Inert Matter: 3.70% Other Crop Seed: 0.84% Weed Seed: 0.02% BLM #2 seed tag. Naxious Weed Seed Per/Lb: None Net Wt: 18 lbs Test Date: 09/2024

Photo Number:

24

**Photo Direction:** 

North-Northeast

**Photo Description:** 

View of the remediated area during seeding event.



**Photo Number:** 

25

**Photo Direction:** 

**East-Southeast** 

**Photo Description:** 

View of the remediated area during seeding event.



Photo Number:

26

**Photo Direction:** 

South

**Photo Description:** 

View of the remediated area during seeding event.



**Photo Number:** 27 **Photo Direction:** South

**Photo Description:** 

View of the remediated area following seeding event.



**Photo Number:** 28

**Photo Direction:** 

South-Southwest

**Photo Description:** 

View of the remediated area following seeding event.



Photo Number:
29
Photo Direction:
Northeast
Photo Description:

View of re-excavated areas.



Photo Number: 30

**Photo Direction:** South

**Photo Description:** 

View of re-excavated areas.



**Photo Number:** 

31

**Photo Direction:** South-Southeast

**Photo Description:** 

View of re-excavated areas.



Photo Number:

32

**Photo Direction:** South-Southwest

**Photo Description:** 

View of re-excavated areas.



**Photo Number:** 33 **Photo Direction:** West **Photo Description:** 

View of re-excavated areas after backfilling and regrading.



**Photo Number:** 34

**Photo Direction:** 

West

**Photo Description:** 

View of re-excavated areas after backfilling and regrading.



**Photo Number:** 

35

Photo Direction: Southwest

**Photo Description:** 

View of re-excavated areas after backfilling and regrading.



# Appendix D Laboratory Analytical Reports



September 12, 2024

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

RE: PAVO FRIO FLOW LINE

Enclosed are the results of analyses for samples received by the laboratory on 09/09/24 14:46.

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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Received: 09/09/2024 Sampling Date: 09/06/2024

Reported: 09/12/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Applyand By 14

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: TT1@SURF (H245434-01)

DTEV 0021D

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2024	ND	1.84	92.0	2.00	0.396	
Toluene*	<0.050	0.050	09/10/2024	ND	1.83	91.4	2.00	1.79	
Ethylbenzene*	<0.050	0.050	09/10/2024	ND	1.90	95.1	2.00	2.90	QM-07
Total Xylenes*	<0.150	0.150	09/10/2024	ND	5.82	97.0	6.00	3.08	QM-07
Total BTEX	<0.300	0.300	09/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	09/10/2024	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	09/10/2024	ND	208	104	200	2.39	
DRO >C10-C28*	419	10.0	09/10/2024	ND	203	101	200	1.60	
EXT DRO >C28-C36	99.1	10.0	09/10/2024	ND					
Surrogate: 1-Chlorooctane	112 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

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Celey & Keene



#### Analytical Results For:

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

Received: 09/09/2024 Sampling Date: 09/06/2024

Reported: 09/12/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

ma/ka

#### Sample ID: TT1@1' (H245434-02)

RTFY 8021R

BIEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2024	ND	1.84	92.0	2.00	0.396	
Toluene*	<0.050	0.050	09/10/2024	ND	1.83	91.4	2.00	1.79	
Ethylbenzene*	<0.050	0.050	09/10/2024	ND	1.90	95.1	2.00	2.90	
Total Xylenes*	<0.150	0.150	09/10/2024	ND	5.82	97.0	6.00	3.08	
Total BTEX	<0.300	0.300	09/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	19200	16.0	09/10/2024	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	09/10/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	09/10/2024	ND	203	101	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	09/10/2024	ND					
Surrogate: 1-Chlorooctane	115 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/09/2024 Sampling Date: 09/06/2024

Reported: 09/12/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: TT1@2' (H245434-03)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2024	ND	1.84	92.0	2.00	0.396	
Toluene*	<0.050	0.050	09/10/2024	ND	1.83	91.4	2.00	1.79	
Ethylbenzene*	<0.050	0.050	09/10/2024	ND	1.90	95.1	2.00	2.90	
Total Xylenes*	<0.150	0.150	09/10/2024	ND	5.82	97.0	6.00	3.08	
Total BTEX	<0.300	0.300	09/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20000	16.0	09/10/2024	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	09/10/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	09/10/2024	ND	203	101	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	09/10/2024	ND					
Surrogate: 1-Chlorooctane	124	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 09/09/2024 Sampling Date: 09/06/2024

Reported: 09/12/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20984 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: TT1@3' (H245434-04)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2024	ND	1.84	92.0	2.00	0.396	
Toluene*	<0.050	0.050	09/10/2024	ND	1.83	91.4	2.00	1.79	
Ethylbenzene*	<0.050	0.050	09/10/2024	ND	1.90	95.1	2.00	2.90	
Total Xylenes*	<0.150	0.150	09/10/2024	ND	5.82	97.0	6.00	3.08	
Total BTEX	<0.300	0.300	09/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12600	16.0	09/10/2024	ND	400	100	400	3.92	QM-07
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	09/10/2024	ND	203	101	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	09/10/2024	ND					
Surrogate: 1-Chlorooctane	113 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/09/2024 Sampling Date: 09/06/2024

Reported: 09/12/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

ma/ka

#### Sample ID: TT1@4' (H245434-05)

RTFY 8021R

B1EX 8021B	тд/кд		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2024	ND	1.84	92.0	2.00	0.396	
Toluene*	<0.050	0.050	09/10/2024	ND	1.83	91.4	2.00	1.79	
Ethylbenzene*	<0.050	0.050	09/10/2024	ND	1.90	95.1	2.00	2.90	
Total Xylenes*	<0.150	0.150	09/10/2024	ND	5.82	97.0	6.00	3.08	
Total BTEX	<0.300	0.300	09/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	09/10/2024	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	09/10/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	09/10/2024	ND	203	101	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	09/10/2024	ND					
Surrogate: 1-Chlorooctane	115 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

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Celey & Keene



#### Analytical Results For:

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

Analyzed By: JH

Received: 09/09/2024

Sampling Date:

09/06/2024

Reported: Project Name: 09/12/2024

Sampling Type:

Soil

BTEX 8021B

PAVO FRIO FLOW LINE

mg/kg

Sampling Condition:

Cool & Intact

Project Number:

20984

Sample Received By:

Alyssa Parras

Project Location:

MEWBOURNE 32.744072,-104.115361

#### Sample ID: TT1@5' (H245434-06)

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2024	ND	1.84	92.0	2.00	0.396	
Toluene*	<0.050	0.050	09/10/2024	ND	1.83	91.4	2.00	1.79	
Ethylbenzene*	<0.050	0.050	09/10/2024	ND	1.90	95.1	2.00	2.90	
Total Xylenes*	<0.150	0.150	09/10/2024	ND	5.82	97.0	6.00	3.08	
Total BTEX	<0.300	0.300	09/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6660	16.0	09/10/2024	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	09/10/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	09/10/2024	ND	203	101	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	09/10/2024	ND					
Surrogate: 1-Chlorooctane	114 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/09/2024 Sampling Date: 09/06/2024

Reported: 09/12/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

ma/ka

#### Sample ID: TT1@6' (H245434-07)

RTFY 8021R

B1EX 8021B	тд/кд		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2024	ND	1.84	92.0	2.00	0.396	
Toluene*	<0.050	0.050	09/10/2024	ND	1.83	91.4	2.00	1.79	
Ethylbenzene*	<0.050	0.050	09/10/2024	ND	1.90	95.1	2.00	2.90	
Total Xylenes*	<0.150	0.150	09/10/2024	ND	5.82	97.0	6.00	3.08	
Total BTEX	<0.300	0.300	09/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	09/10/2024	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	09/10/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	09/10/2024	ND	203	101	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	09/10/2024	ND					
Surrogate: 1-Chlorooctane	112	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/09/2024 Sampling Date: 09/06/2024

Reported: 09/12/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 20984 Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: TT2@SURF (H245434-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2024	ND	1.84	92.0	2.00	0.396	
Toluene*	<0.050	0.050	09/10/2024	ND	1.83	91.4	2.00	1.79	
Ethylbenzene*	<0.050	0.050	09/10/2024	ND	1.90	95.1	2.00	2.90	
Total Xylenes*	<0.150	0.150	09/10/2024	ND	5.82	97.0	6.00	3.08	
Total BTEX	<0.300	0.300	09/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15800	16.0	09/10/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	09/11/2024	ND	208	104	200	2.39	
DRO >C10-C28*	11400	50.0	09/11/2024	ND	203	101	200	1.60	
EXT DRO >C28-C36	3280	50.0	09/11/2024	ND					
Surrogate: 1-Chlorooctane	138 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	447 9	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 09/09/2024 Sampling Date: 09/06/2024

Reported: 09/12/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 20984 Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: TT2@1' (H245434-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2024	ND	1.84	92.0	2.00	0.396	
Toluene*	< 0.050	0.050	09/10/2024	ND	1.83	91.4	2.00	1.79	
Ethylbenzene*	<0.050	0.050	09/10/2024	ND	1.90	95.1	2.00	2.90	
Total Xylenes*	< 0.150	0.150	09/10/2024	ND	5.82	97.0	6.00	3.08	
Total BTEX	<0.300	0.300	09/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6160	16.0	09/10/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	09/10/2024	ND	203	101	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	09/10/2024	ND					
Surrogate: 1-Chlorooctane	124 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126 9	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/09/2024 Sampling Date: 09/06/2024

Reported: 09/12/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: Sample Received By: 20984 Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: TT2@2' (H245434-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2024	ND	1.84	92.0	2.00	0.396	
Toluene*	< 0.050	0.050	09/10/2024	ND	1.83	91.4	2.00	1.79	
Ethylbenzene*	<0.050	0.050	09/10/2024	ND	1.90	95.1	2.00	2.90	
Total Xylenes*	<0.150	0.150	09/10/2024	ND	5.82	97.0	6.00	3.08	
Total BTEX	<0.300	0.300	09/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7000	16.0	09/10/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	09/10/2024	ND	203	101	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	09/10/2024	ND					
Surrogate: 1-Chlorooctane	119 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122 %	6 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/09/2024 Sampling Date: 09/06/2024

Reported: 09/12/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

ma/ka

#### Sample ID: TT2@3' (H245434-11)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2024	ND	1.84	92.0	2.00	0.396	
Toluene*	<0.050	0.050	09/10/2024	ND	1.83	91.4	2.00	1.79	
Ethylbenzene*	<0.050	0.050	09/10/2024	ND	1.90	95.1	2.00	2.90	
Total Xylenes*	<0.150	0.150	09/10/2024	ND	5.82	97.0	6.00	3.08	
Total BTEX	<0.300	0.300	09/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2480	16.0	09/10/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	09/10/2024	ND	203	101	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	09/10/2024	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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## Analytical Results For:

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

Received: 09/09/2024

Sampling Date: 09/06/2024

Reported: 09/12/2024 Project Name: PAVO FRIO FLOW LINE Sampling Type: Soil

Project Number: 20984 Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

Sample ID: TT2@4' (H245434-12)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2024	ND	1.84	92.0	2.00	0.396	
Toluene*	<0.050	0.050	09/10/2024	ND	1.83	91.4	2.00	1.79	
Ethylbenzene*	<0.050	0.050	09/10/2024	ND	1.90	95.1	2.00	2.90	
Total Xylenes*	<0.150	0.150	09/10/2024	ND	5.82	97.0	6.00	3.08	
Total BTEX	<0.300	0.300	09/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5840	16.0	09/10/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	09/10/2024	ND	203	101	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	09/10/2024	ND					
Surrogate: 1-Chlorooctane	115 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 09/09/2024 Sampling Date: 09/06/2024

Reported: 09/12/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 20984 Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: TT2@5' (H245434-13)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2024	ND	1.84	92.0	2.00	0.396	
Toluene*	<0.050	0.050	09/10/2024	ND	1.83	91.4	2.00	1.79	
Ethylbenzene*	<0.050	0.050	09/10/2024	ND	1.90	95.1	2.00	2.90	
Total Xylenes*	<0.150	0.150	09/10/2024	ND	5.82	97.0	6.00	3.08	
Total BTEX	<0.300	0.300	09/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	09/10/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	09/10/2024	ND	203	101	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	09/10/2024	ND					
Surrogate: 1-Chlorooctane	119 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121 9	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/09/2024 Sampling Date: 09/06/2024

Reported: 09/12/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

ma/ka

#### Sample ID: TT2@6' (H245434-14)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2024	ND	1.84	92.0	2.00	0.396	
Toluene*	<0.050	0.050	09/10/2024	ND	1.83	91.4	2.00	1.79	
Ethylbenzene*	<0.050	0.050	09/10/2024	ND	1.90	95.1	2.00	2.90	
Total Xylenes*	<0.150	0.150	09/10/2024	ND	5.82	97.0	6.00	3.08	
Total BTEX	<0.300	0.300	09/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/10/2024	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	09/10/2024	ND	203	101	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	09/10/2024	ND					
Surrogate: 1-Chlorooctane	118	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/09/2024 Sampling Date: 09/06/2024

Reported: 09/12/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: TT3@SURF (H245434-15)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2024	ND	1.84	92.0	2.00	0.396	
Toluene*	<0.050	0.050	09/10/2024	ND	1.83	91.4	2.00	1.79	
Ethylbenzene*	<0.050	0.050	09/10/2024	ND	1.90	95.1	2.00	2.90	
Total Xylenes*	<0.150	0.150	09/10/2024	ND	5.82	97.0	6.00	3.08	
Total BTEX	<0.300	0.300	09/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	09/10/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2024	ND	208	104	200	2.39	
DRO >C10-C28*	80.7	10.0	09/10/2024	ND	203	101	200	1.60	
EXT DRO >C28-C36	35.4	10.0	09/10/2024	ND					
Surrogate: 1-Chlorooctane	119	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

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#### Analytical Results For:

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

Reported: 09/12/2024

Project Name: PAVO FRIO FLOW LINE

Project Number: 20984

Project Location: MEWBOURNE 32.744072,-104.115361

09/09/2024

Sampling Date: 09/06/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

#### Sample ID: TT3@1' (H245434-16)

Received:

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2024	ND	1.84	92.0	2.00	0.396	
Toluene*	<0.050	0.050	09/10/2024	ND	1.83	91.4	2.00	1.79	
Ethylbenzene*	<0.050	0.050	09/10/2024	ND	1.90	95.1	2.00	2.90	
Total Xylenes*	<0.150	0.150	09/10/2024	ND	5.82	97.0	6.00	3.08	
Total BTEX	<0.300	0.300	09/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	09/10/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	09/10/2024	ND	203	101	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	09/10/2024	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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09/06/2024

Cool & Intact

Alyssa Parras

Soil

#### Analytical Results For:

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

09/09/2024 Sampling Date: 09/12/2024 Sampling Type:

Sampling Condition:

Sample Received By:

Project Name: PAVO FRIO FLOW LINE

Project Number: 20984

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: TT3@2' (H245434-17)

Received:

Reported:

BTEX 8021B	mg/	kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2024	ND	1.85	92.4	2.00	6.91	
Toluene*	<0.050	0.050	09/10/2024	ND	2.07	103	2.00	3.77	
Ethylbenzene*	<0.050	0.050	09/10/2024	ND	2.21	111	2.00	3.29	
Total Xylenes*	<0.150	0.150	09/10/2024	ND	6.80	113	6.00	2.44	
Total BTEX	<0.300	0.300	09/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	146 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	09/10/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	09/10/2024	ND	203	101	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	09/10/2024	ND					
Surrogate: 1-Chlorooctane	118 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	6 49.1-14	8						

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#### Analytical Results For:

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

Received: 09/09/2024 Sampling Date: 09/06/2024

Reported: 09/12/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

ma/ka

#### Sample ID: TT3@3' (H245434-18)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2024	ND	1.85	92.4	2.00	6.91	
Toluene*	<0.050	0.050	09/10/2024	ND	2.07	103	2.00	3.77	
Ethylbenzene*	<0.050	0.050	09/10/2024	ND	2.21	111	2.00	3.29	
Total Xylenes*	<0.150	0.150	09/10/2024	ND	6.80	113	6.00	2.44	
Total BTEX	<0.300	0.300	09/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	132	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/10/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	09/10/2024	ND	203	101	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	09/10/2024	ND					
Surrogate: 1-Chlorooctane	115	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

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Celey D. Keine



09/06/2024

#### Analytical Results For:

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

Sampling Date:

Received: 09/09/2024

Reported: 09/12/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: TT4@SURF (H245434-19)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2024	ND	1.85	92.4	2.00	6.91	
Toluene*	<0.050	0.050	09/10/2024	ND	2.07	103	2.00	3.77	
Ethylbenzene*	<0.050	0.050	09/10/2024	ND	2.21	111	2.00	3.29	
Total Xylenes*	<0.150	0.150	09/10/2024	ND	6.80	113	6.00	2.44	
Total BTEX	<0.300	0.300	09/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	148	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/10/2024	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	09/10/2024	ND	203	101	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	09/10/2024	ND					
Surrogate: 1-Chlorooctane	119	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

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Celeg & Freene

S-04



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: 09/09/2024 Sampling Date: 09/06/2024

Reported: 09/12/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: TT4@1' (H245434-20)

BTEX 8021B

	9/	9	7	,					• • •
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2024	ND	1.85	92.4	2.00	6.91	
Toluene*	<0.050	0.050	09/10/2024	ND	2.07	103	2.00	3.77	
Ethylbenzene*	<0.050	0.050	09/10/2024	ND	2.21	111	2.00	3.29	
Total Xylenes*	<0.150	0.150	09/10/2024	ND	6.80	113	6.00	2.44	
Total BTEX	<0.300	0.300	09/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	135	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/10/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2024	ND	211	106	200	2.29	
DRO >C10-C28*	<10.0	10.0	09/10/2024	ND	201	100	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	09/10/2024	ND					
Surrogate: 1-Chlorooctane	85.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.9	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 09/09/2024 Sampling Date: 09/06/2024

Reported: 09/12/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: TT5@SURF (H245434-21)

BTEX 8021B

DILX OUZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2024	ND	1.85	92.4	2.00	6.91	
Toluene*	<0.050	0.050	09/10/2024	ND	2.07	103	2.00	3.77	
Ethylbenzene*	<0.050	0.050	09/10/2024	ND	2.21	111	2.00	3.29	
Total Xylenes*	<0.150	0.150	09/10/2024	ND	6.80	113	6.00	2.44	
Total BTEX	<0.300	0.300	09/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	131	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/10/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2024	ND	211	106	200	2.29	
DRO >C10-C28*	13.0	10.0	09/10/2024	ND	201	100	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	09/10/2024	ND					
Surrogate: 1-Chlorooctane	80.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.1	% 49.1-14	8						

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Celey & Keene



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: 09/09/2024 Sampling Date: 09/06/2024

Reported: 09/12/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: Sample Received By: 20984 Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: TT5@1' (H245434-22)

BTEX 8021B	mg/	kg	Analyze	d By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/10/2024	ND	1.85	92.4	2.00	6.91		
Toluene*	<0.050	0.050	09/10/2024	ND	2.07	103	2.00	3.77		
Ethylbenzene*	<0.050	0.050	09/10/2024	ND	2.21	111	2.00	3.29		
Total Xylenes*	<0.150	0.150	09/10/2024	ND	6.80	113	6.00	2.44		
Total BTEX	<0.300	0.300	09/10/2024	ND						
Surrogate: 4-Bromofluorobenzene (PID	147 9	71.5-13	4							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	496	16.0	09/10/2024	ND	400	100	400	3.92		
TPH 8015M	mg/	kg	Analyze	d By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/10/2024	ND	211	106	200	2.29		
DRO >C10-C28*	<10.0	10.0	09/10/2024	ND	201	100	200	2.37		
EXT DRO >C28-C36	<10.0	10.0	09/10/2024	ND						
Surrogate: 1-Chlorooctane	83.2	% 48.2-13	4							
Surrogate: 1-Chlorooctadecane	83.8	% 49.1-14	8							

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Celey D. Keene



#### **Notes and Definitions**

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C  Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

Received by OCD: 11/7/2025 3:01:04 PM

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

		of	

Page 25 of 27

Company Name	: Etech Environmental & Safety Solution		nc.		18		BIL	LTO					ANALYSIS	REQUEST	
Project Manager	r: Lance Crenshaw				P.C	). # <i>:</i>									
Address: 261					Co	mpan	y:	Mewbo	urne						
City: Hobbs	State: NM	Zip	:	88240	Att	n:		Connor Walk	er				1 1 1		
Phone #: (57)					Ad	dress	:								
Project #: 209	7 = 0 : 0 : 0 : 0 : 0 : 0 : 0 : 0 : 0 : 0			Mewbourne	Cit	y:					=	<u>@</u>		1 1 1	
	Pavo Frio Flow Line				Sta	ate:		Zip:		de	TPH (8015M)	(8021B)			
	n: 32.744072, -104.115361				Ph	one #:	:			Chloride	80	8			
Sampler Name:					Fa	x #:				등	I	ВТЕХ			
FOR LAB USE ONLY		Ι.	Г	MATRIX		PRES	ERV.	SAMPI	LING	1	르	B	1 1 1		1 11
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL	OTHER:	ACID/BASE:	OTHER:	DATE	TIME						
1	TT 1 @ Surf	G		X		X		9/6/24		Х	Х	X			
7	TT 1 @ 1'	G	1	X		X	(	9/6/24		X	X	X			-
3	TT 1 @ 2'	G	1	X		)	(	9/6/24		Х	X	Х			-
Ч	TT 1 @ 3'	G	1	X		)	(	9/6/24		X	X	X			-
5	TT 1 @ 4'	G	1	X		)	(	9/6/24		X	X	X			-
(1)	TT 1 @ 5'	G	1	X		)	(	9/6/24		X	X	Х			-
7	TT 1 @ 6'	G	1	X		)	ζ .	9/6/24		X	X	X			$\rightarrow$
8	TT 2 @ Surf	G	1	X		)	K	9/6/24		X	Х	X			
9	TT 2 @ 1'	G	1	X		)	X	9/6/24		Х	Х	X			
10	TT 2 @ 2'	G	1	X		)	X	9/6/24		Х	X	X			

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Relinquished By:	7-4-24 Time:	ved By:		Verbal Result:	Please provid	le Ema	Phone #: iil address: eechenv.com
Relinquished By:	Date: Recei	ved By:		REMARKS:			
Donitor Dyr. (On one one)	Observed Temp. °C.	☐ Yes ☐ Yes	CHECKED BY: (Initials)	Turnaround Time: Thermometer ID #140 Correction Factor -0.6°C	Standard Rush		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C

Received by OCD: 11/7/2025 3:01:04 PM

## **CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

Page 2 of 3

age 26 of 27

Company Name	e: Etech Environmental & Safety Soluti	ons,	Inc.				8		BI	LL TO					ANALYSIS	REQUEST	rage 2 or 5
Project Manage	er: Lance Crenshaw						P.	0. #:									
Address: 26	17 West Marland						C	ompa	ny:	Mewb	ourne	1					
City: Hobbs	State: NM	Zip	):	8824	0		At	tn:		Connor Wa	lker	1					
Phone #: (57							A	dres	s:			1					1 1 1
Project #: 209				Newbo	ourne		Ci	ty:				1	_	<u></u>			1 1 1
	Pavo Frio Flow Line							ate:		Zip:		0	TPH (8015M)	(8021B)			1 1 1
	on: 32.744072, -104.115361							none #	4.	Lip.		문	2	80%	1 1		1 1 1
Sampler Name:								x #:				Chloride	8				
FOR LAB USE ONLY	Tatlor Walloz	Т			MAT	RIX	11.0		SERV.	SAME	LING	0	古	втех			
Lab I.D. 버고나당나2시	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE OTHER:	ACID/BASE:	OTHER:	DATE	TIME						
	TT 2 @ 3'	G			X				X	9/6/24		Х	Х	Х			
12	TT 2 @ 4'	G	1		X				X	9/6/24		Х	Х	Х			
13	TT 2 @ 5'	G	1		X				X	9/6/24		Х	Х	X			
14	TT 2 @ 6'	G	1		X				X	9/6/24		X	X	X			
15	TT 3 @ Surf	G	1		X				X	9/6/24		X	X	х			
10	TT 3 @ 1'	G	1		X				X	9/6/24		Х	Х	Х			
17	TT 3 @ 2'	G	1		X				X	9/6/24		Х	X	Х			
18	TT 3 @ 3'	G	1		Х				X	9/6/24		Х	Х	х			
19	TT 4 @ Surf	G	1		X				X	9/6/24		Х	Х	х			
20	TT 4 @ 1'	G	1		X				X	9/6/24		Х	Х	х			

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Relinquished By:	Date: 0-24 Time: 1440	Received By:		Verbal Result:		de Ema	Phone #: iil address: echenv.com
Relinquished By:	Date:	Received By:		REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C	Sample Condition Cool Intact  Yes No No	CHECKED BY: (Initials)	Turnaround Time: Thermometer ID #140 Correction Factor -0.6°C	Standard Rush		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C

3:01:04 PM

Received by OCD: 11/7/2025



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

mpany Name	(575) 393-2326 FAX (575) 393-24 Etech Environmental & Safety Solution		Inc.						BIL	LL TO					ANALYS	IS REQUE		Page 3 of
oject Manage	r: Lance Crenshaw						P.O.	#:										
dress: 261	7 West Marland						Com	pany:	:	Mewb	oume	1						
y: Hobbs	State: NM	Zip	: 1	88240			Attn:	:		Connor Wa	ker							
one #: (57	5) 264-9884 Fax #:						Add	ress:				1						
oject #: 209		:	N	lewbou	irne		City:						€	B B				
ject Name:	Pavo Frio Flow Line						State	e:		Zîp:		ge	TPH (8015M)	(8021B)			1 1	
oject Location							Phor					Chloride	(8)	8			1 1	
mpler Name:	Patrick Muniez	_			MATR	IY	Fax	#: RESER	DV/	SAMP	LING	유	표	ВТЕХ		1 4		
ab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ICE / COOL	OTHER:	DATE	TIME							
21	TT 5 @ Surf	G	1		Х		П	Х	T	9/6/24		Х	Х	Х				
U	TT 5 @ 1'	G	1		Х			X		9/6/24		х	Х	х				
									1									
									1									
									_1									

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 other

Relinquished By:	Date: G-24 Receiv	201100		Verbal Result: ☐ Y All Results are emailed	Please provi	de Ema	Phone #: iil address: echenv.com
Refinquished By:	Date: Receiv	ed By:		REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C -12.02 Corrected Temp. °C -12.02	Sample Condition Cool Intact  Yes Yes No No	CHECKED BY: (Initials)	Turnaround Time: Thermometer ID #140 Correction Factor -0.6°C	Standard Rush		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C



September 16, 2024

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

RE: PAVO FRIO FLOW LINE

Enclosed are the results of analyses for samples received by the laboratory on 09/11/24 14:57.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20984 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 1 @ 4' (H245503-01)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	2.22	111	2.00	0.176	
Toluene*	<0.050	0.050	09/12/2024	ND	2.17	109	2.00	5.14	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.28	114	2.00	8.78	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.95	116	6.00	9.31	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/12/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	190	95.1	200	1.83	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	182	90.8	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	92.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

ma/ka

#### Sample ID: FL 2 @ 4' (H245503-02)

RTFY 8021R

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	09/12/2024	ND	2.22	111	2.00	0.176	
<0.050	0.050	09/12/2024	ND	2.17	109	2.00	5.14	
<0.050	0.050	09/12/2024	ND	2.28	114	2.00	8.78	
<0.150	0.150	09/12/2024	ND	6.95	116	6.00	9.31	
<0.300	0.300	09/12/2024	ND					
105	% 71.5-13	4						
mg/	/kg	Analyze	d By: HM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
64.0	16.0	09/12/2024	ND	400	100	400	3.92	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	09/12/2024	ND	190	95.1	200	1.83	
<10.0	10.0	09/12/2024	ND	182	90.8	200	0.185	
<10.0	10.0	09/12/2024	ND					
83.4	% 48.2-13	4						
90.4	% 49.1-14	8						
-	<0.050 <0.050 <0.050 <0.150 <0.300  105 9 mg/ Result 64.0 mg/ Result <10.0 <10.0 <83.4	<0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 0.300 T1.5-13 mg/kg Result Reporting Limit 64.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <48.2-13	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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#### Analytical Results For:

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

Fax To:

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 3 @ 4' (H245503-03)

BTEX 8021B

DILX GOZID	11197	, kg	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	2.22	111	2.00	0.176	
Toluene*	<0.050	0.050	09/12/2024	ND	2.17	109	2.00	5.14	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.28	114	2.00	8.78	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.95	116	6.00	9.31	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	09/12/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	190	95.1	200	1.83	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	182	90.8	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	89.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.1	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 4 @ 4' (H245503-04)

BTEX 8021B

DIEX GOZID	1119/	<u>ng</u>	Allulyzo	.u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	09/12/2024	ND	2.12	106	2.00	0.947	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.11	105	2.00	0.0716	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.51	108	6.00	0.0756	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/12/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	190	95.1	200	1.83	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	182	90.8	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	86.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 5 @ 4' (H245503-05)

BTEX 8021B

DIEX GOZID	1119/	<u>ka</u>	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	09/12/2024	ND	2.12	106	2.00	0.947	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.11	105	2.00	0.0716	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.51	108	6.00	0.0756	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/12/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	190	95.1	200	1.83	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	182	90.8	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	77.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.8	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 6 @ 4' (H245503-06)

BTEX 8021B

DILX GOZID	11197	K9	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	09/12/2024	ND	2.12	106	2.00	0.947	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.11	105	2.00	0.0716	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.51	108	6.00	0.0756	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	09/12/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	190	95.1	200	1.83	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	182	90.8	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.7	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 7 @ 4' (H245503-07)

BTEX 8021B

DIEX GOZID	1119/	<u>ng</u>	Allulyzo	.u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	09/12/2024	ND	2.12	106	2.00	0.947	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.11	105	2.00	0.0716	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.51	108	6.00	0.0756	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	09/12/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	190	95.1	200	1.83	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	182	90.8	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	76.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.6	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: Sample Received By: 20984 Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 8 @ 3' (H245503-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	2.10	105	2.00	1.60	
Toluene*	< 0.050	0.050	09/12/2024	ND	2.12	106	2.00	0.947	
Ethylbenzene*	< 0.050	0.050	09/12/2024	ND	2.11	105	2.00	0.0716	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.51	108	6.00	0.0756	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	09/12/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	190	95.1	200	1.83	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	182	90.8	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	87.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.3	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 9 @ 7' (H245503-09)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	09/12/2024	ND	2.12	106	2.00	0.947	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.11	105	2.00	0.0716	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.51	108	6.00	0.0756	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	09/12/2024	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	190	95.1	200	1.83	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	182	90.8	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	79.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.1	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 10 @ 5' (H245503-10)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	09/12/2024	ND	2.12	106	2.00	0.947	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.11	105	2.00	0.0716	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.51	108	6.00	0.0756	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/12/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	190	95.1	200	1.83	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	182	90.8	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	84.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.8	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 11 @ 6' (H245503-11)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	09/12/2024	ND	2.12	106	2.00	0.947	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.11	105	2.00	0.0716	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.51	108	6.00	0.0756	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/12/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	190	95.1	200	1.83	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	182	90.8	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	84.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.2	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 12 @ 6' (H245503-12)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	09/12/2024	ND	2.12	106	2.00	0.947	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.11	105	2.00	0.0716	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.51	108	6.00	0.0756	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	09/12/2024	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	190	95.1	200	1.83	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	182	90.8	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	83.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.0	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 13 @ 6' (H245503-13)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	09/12/2024	ND	2.12	106	2.00	0.947	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.11	105	2.00	0.0716	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.51	108	6.00	0.0756	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/12/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	190	95.1	200	1.83	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	182	90.8	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	85.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.3	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 14 @ 6' (H245503-14)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	09/12/2024	ND	2.12	106	2.00	0.947	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.11	105	2.00	0.0716	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.51	108	6.00	0.0756	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 % 71.5-1.		4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/12/2024	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	09/12/2024	ND	190	95.1	200	1.83	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	182	90.8	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	88.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.3	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 15 @ 6' (H245503-15)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	09/12/2024	ND	2.12	106	2.00	0.947	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.11	105	2.00	0.0716	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.51	108	6.00	0.0756	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 % 71.5-1.		4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/12/2024	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	09/12/2024	ND	190	95.1	200	1.83	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	182	90.8	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	83.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.2	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 16 @ 6' (H245503-16)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	09/12/2024	ND	2.12	106	2.00	0.947	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.11	105	2.00	0.0716	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.51	108	6.00	0.0756	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 % 71.5-1.		4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/12/2024	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	09/12/2024	ND	190	95.1	200	1.83	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	182	90.8	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 17 @ 6' (H245503-17)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	09/12/2024	ND	2.12	106	2.00	0.947	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.11	105	2.00	0.0716	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.51	108	6.00	0.0756	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/12/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	190	95.1	200	1.83	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	182	90.8	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	93.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 18 @ 5' (H245503-18)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	09/12/2024	ND	2.12	106	2.00	0.947	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.11	105	2.00	0.0716	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.51	108	6.00	0.0756	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/12/2024	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	190	95.1	200	1.83	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	182	90.8	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	94.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

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

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 19 @ 5' (H245503-19)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	09/12/2024	ND	2.12	106	2.00	0.947	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.11	105	2.00	0.0716	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.51	108	6.00	0.0756	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/12/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	190	95.1	200	1.83	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	182	90.8	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	90.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.5	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 20 @ 6' (H245503-20)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	09/12/2024	ND	2.12	106	2.00	0.947	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.11	105	2.00	0.0716	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.51	108	6.00	0.0756	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	09/12/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	190	95.1	200	1.83	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	182	90.8	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	89.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.7	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 21 @ 3' (H245503-21)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	09/12/2024	ND	2.12	106	2.00	0.947	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.11	105	2.00	0.0716	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.51	108	6.00	0.0756	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	09/12/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	203	101	200	1.25	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	207	104	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	89.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 22 @ 3' (H245503-22)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	09/12/2024	ND	2.12	106	2.00	0.947	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.11	105	2.00	0.0716	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.51	108	6.00	0.0756	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/12/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	203	101	200	1.25	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	207	104	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 23 @ 5' (H245503-23)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	09/12/2024	ND	2.12	106	2.00	0.947	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	2.11	105	2.00	0.0716	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	6.51	108	6.00	0.0756	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	09/12/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	203	101	200	1.25	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	207	104	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	82.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.0	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 24 @ 4' (H245503-24)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	1.98	99.2	2.00	3.40	
Toluene*	<0.050	0.050	09/12/2024	ND	1.92	95.8	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	1.92	96.2	2.00	4.10	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	5.72	95.4	6.00	4.04	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/12/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	203	101	200	1.25	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	207	104	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	85.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.2	% 49.1-14	8						

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Celey & Keene



#### Analytical Results For:

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

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 25 @ 4' (H245503-25)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	1.98	99.2	2.00	3.40	
Toluene*	<0.050	0.050	09/12/2024	ND	1.92	95.8	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	1.92	96.2	2.00	4.10	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	5.72	95.4	6.00	4.04	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	09/12/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	203	101	200	1.25	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	207	104	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	91.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celey & Keene



#### Analytical Results For:

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

Fax To:

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 26 @ 4' (H245503-26)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	1.98	99.2	2.00	3.40	
Toluene*	<0.050	0.050	09/12/2024	ND	1.92	95.8	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	1.92	96.2	2.00	4.10	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	5.72	95.4	6.00	4.04	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/12/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	203	101	200	1.25	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	207	104	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	82.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 27 @ 3' (H245503-27)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	1.98	99.2	2.00	3.40	
Toluene*	<0.050	0.050	09/12/2024	ND	1.92	95.8	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	1.92	96.2	2.00	4.10	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	5.72	95.4	6.00	4.04	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/12/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	203	101	200	1.25	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	207	104	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	79.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.7	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 28 @ 6' (H245503-28)

BTEX 8021B

				-					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	1.98	99.2	2.00	3.40	
Toluene*	<0.050	0.050	09/12/2024	ND	1.92	95.8	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	1.92	96.2	2.00	4.10	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	5.72	95.4	6.00	4.04	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/12/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	203	101	200	1.25	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	207	104	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	83.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Kreine



#### Analytical Results For:

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

Analyzed By: JH

Received: 09/11/2024

Sampling Date: 09/11/2024

Reported: Project Name:

BTEX 8021B

09/16/2024 PAVO FRIO FLOW LINE

mg/kg

Sampling Type: Soil

Project Number: 20984

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 29 @ 5' (H245503-29)

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	1.98	99.2	2.00	3.40	
Toluene*	<0.050	0.050	09/12/2024	ND	1.92	95.8	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	1.92	96.2	2.00	4.10	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	5.72	95.4	6.00	4.04	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/12/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	203	101	200	1.25	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	207	104	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	79.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.3	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 30 @ 4' (H245503-30)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	1.98	99.2	2.00	3.40	
Toluene*	<0.050	0.050	09/12/2024	ND	1.92	95.8	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	1.92	96.2	2.00	4.10	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	5.72	95.4	6.00	4.04	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/12/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	203	101	200	1.25	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	207	104	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	88.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 31 @ 5' (H245503-31)

BTEX 8021B

	9/	9	7.1.4.7.2	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	1.98	99.2	2.00	3.40	
Toluene*	<0.050	0.050	09/12/2024	ND	1.92	95.8	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	1.92	96.2	2.00	4.10	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	5.72	95.4	6.00	4.04	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/12/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	203	101	200	1.25	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	207	104	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	88.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.3	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 32 @ 5' (H245503-32)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	1.98	99.2	2.00	3.40	
Toluene*	<0.050	0.050	09/12/2024	ND	1.92	95.8	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	1.92	96.2	2.00	4.10	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	5.72	95.4	6.00	4.04	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/12/2024	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	203	101	200	1.25	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	207	104	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	87.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.5	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 33 @ 5' (H245503-33)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	1.98	99.2	2.00	3.40	
Toluene*	<0.050	0.050	09/12/2024	ND	1.92	95.8	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	1.92	96.2	2.00	4.10	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	5.72	95.4	6.00	4.04	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/12/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	203	101	200	1.25	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	207	104	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	86.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.1	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: NW 1 (H245503-34)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	1.98	99.2	2.00	3.40	
Toluene*	<0.050	0.050	09/12/2024	ND	1.92	95.8	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	1.92	96.2	2.00	4.10	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	5.72	95.4	6.00	4.04	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/12/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	203	101	200	1.25	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	207	104	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	85.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.5	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: NW 2 (H245503-35)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	1.98	99.2	2.00	3.40	
Toluene*	<0.050	0.050	09/12/2024	ND	1.92	95.8	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	1.92	96.2	2.00	4.10	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	5.72	95.4	6.00	4.04	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	09/12/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	203	101	200	1.25	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	207	104	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	66.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.2	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: EW 1 (H245503-36)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	1.98	99.2	2.00	3.40	
Toluene*	<0.050	0.050	09/12/2024	ND	1.92	95.8	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	1.92	96.2	2.00	4.10	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	5.72	95.4	6.00	4.04	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/12/2024	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	203	101	200	1.25	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	207	104	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	91.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey & Keene



### Analytical Results For:

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

Analyzed By: JH

Received: 09/11/2024

Sampling Date:

09/11/2024

Reported:

09/16/2024

Sampling Type:

Soil

Project Name:

BTEX 8021B

PAVO FRIO FLOW LINE

mg/kg

Sampling Condition: Sample Received By: Cool & Intact Alyssa Parras

Project Number: Project Location: 20984

MEWBOURNE 32.744072,-104.115361

Sample ID: EW 2 (H245503-37)

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	1.98	99.2	2.00	3.40	
Toluene*	<0.050	0.050	09/12/2024	ND	1.92	95.8	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	1.92	96.2	2.00	4.10	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	5.72	95.4	6.00	4.04	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/12/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	203	101	200	1.25	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	207	104	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: SW 1 (H245503-38)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	1.98	99.2	2.00	3.40	
Toluene*	<0.050	0.050	09/12/2024	ND	1.92	95.8	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	1.92	96.2	2.00	4.10	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	5.72	95.4	6.00	4.04	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/12/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	203	101	200	1.25	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	207	104	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	81.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.3	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: SW 2 (H245503-39)

BTEX 8021B

	9/	9	7.1.4.7.2	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	1.98	99.2	2.00	3.40	
Toluene*	<0.050	0.050	09/12/2024	ND	1.92	95.8	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	1.92	96.2	2.00	4.10	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	5.72	95.4	6.00	4.04	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/12/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	203	101	200	1.25	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	207	104	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	88.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.1	% 49.1-14	8						

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#### Analytical Results For:

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

Analyzed By: JH

Fax To:

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: SW 3 (H245503-40)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	1.98	99.2	2.00	3.40	
Toluene*	<0.050	0.050	09/12/2024	ND	1.92	95.8	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	1.92	96.2	2.00	4.10	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	5.72	95.4	6.00	4.04	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	09/12/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	203	101	200	1.25	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	207	104	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	88.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.9	% 49.1-14	8						

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#### Analytical Results For:

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

Analyzed By: JH

Received: 09/11/2024

Sampling Date: 09 Sampling Type: So

09/11/2024 Soil

Project Name:

Reported:

BTEX 8021B

09/16/2024 PAVO FRIO FLOW LINE

mg/kg

Sampling Condition:

Cool & Intact

Project Number:

20984

Sample Received By:

Alyssa Parras

Project Location:

MEWBOURNE 32.744072,-104.115361

#### Sample ID: WW 1 (H245503-41)

DILX GOZID	ıııg,	, kg	Andryzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	1.98	99.2	2.00	3.40	
Toluene*	<0.050	0.050	09/12/2024	ND	1.92	95.8	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	1.92	96.2	2.00	4.10	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	5.72	95.4	6.00	4.04	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/12/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	193	96.6	200	1.77	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	189	94.5	200	0.275	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/11/2024 Sampling Date: 09/11/2024

Reported: 09/16/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20984 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: WW 2 (H245503-42)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2024	ND	1.98	99.2	2.00	3.40	
Toluene*	<0.050	0.050	09/12/2024	ND	1.92	95.8	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/12/2024	ND	1.92	96.2	2.00	4.10	
Total Xylenes*	<0.150	0.150	09/12/2024	ND	5.72	95.4	6.00	4.04	
Total BTEX	<0.300	0.300	09/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/12/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2024	ND	193	96.6	200	1.77	
DRO >C10-C28*	<10.0	10.0	09/12/2024	ND	189	94.5	200	0.275	
EXT DRO >C28-C36	<10.0	10.0	09/12/2024	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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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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Received by OCD: 11/7/2025 3:01:04 PM



## **CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

ige 45 of 49

Company Name	e: Etech Environmental & Safety Soluti	ons, I	nc.				BI	LL TO					ANALYSIS	REQUEST	Page 1 of 5	1
Project Manage	r: Lance Crenshaw					P.O.	#:									T
Address: 261	7 West Marland					Com	pany:	Mewb	oume	1						
City: Hobbs	State: NM	Zip:	. 8	8240		Attn:		Connor Wa	lker	1						
Phone #: (57:	5) 264-9884 Fax #:					Addr	ess:			1						
Project #: 209	984 Project Owner		Me	ewbourne		City:				1	-	B B				
Project Name:	Pavo Frio Flow Line					State	:	Zip:		e	5 N	21				
Project Location	n: 32.744072, -104.115361					Phon	e #:			l ĕ	801	(8021			1 1	
Sampler Name:	Patrick Muniez					Fax #	:			Chloride	TPH (8015M)	×				
FOR LAB USE ONLY			T	MATE	XIX	PI	RESERV.	SAME	LING	10	TP	втех				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMF	# CONTAINERS	WASTEWATER SOIL	SLUDGE	OTHER:	ICE / COOL OTHER:	DATE	TIME							
1	FL 1 @ 4'	С	1	X			X	9/11/24		Х	Х	X				
2	FL 2 @ 4'	С	1	X			Х	9/11/24		Х	X	X				
3	FL 3 @ 4'	С	1	X			X	9/11/24		Х	X	X				
Y	FL 4 @ 4'	С	1	X			Х	9/11/24		Х	Х	X				
5	FL 5 @ 4'	С	1	X			Х	9/11/24		Х	Х	X				( )
6	FL 6 @ 4'	С	1	X			X	9/11/24		Х	Х	X				
	FL 7 @ 4'	С	1	X	-		X	9/11/24		Х	Х	х				
8	FL 8 @ 3'	С	1	X			Х	9/11/24		х	Х	х				
	FL 9 @ 7'	С	1	X			Х	9/11/24		X	Х	X				
10	FL 10 @ 5'	С	1	X			X	9/11/24		x	Х	X				

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Relinquished By:	Date: G' // 24 Time/457	Received By:		Verbal Result: Ye All Results are emailed.	Please provid	de Emai	Phone #: il address: echenv.com
Relinquished By:	Date:	Received By:		REMARKS:			
	Time:						
	Observed Temp. °C	Cool Intact	CHECKED BY: (Initials)	Turnaround Time: Thermometer ID #140 Correction Factor -0.6°C	Standard Rush		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C

Received by OCD: 11/7/2025 3:01:04 PM

Released to Imaging: 11/21/2025 3:22:32 PM



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 2 of 5

46 of 49

Company Name	e: Etech Environmental & Safety Solution	ons,	Inc.				-		1	BIL	L TO					ANALYSI	S REQU	EST	Č
Project Manage	r: Lance Crenshaw						P	.0.#	t:										
Address: 261	17 West Marland						C	omp	any:		Mewb	ourne	1					- 1 - 1	
City: Hobbs	State: NM	Zip	):	8824	10		A	ttn:		(	Connor Wal	ker	1					1 1	1 1
Phone #: (57							A	ddre	ess:				1						
Project #: 209	984 Project Owner			Mewb	ourne		c	ity:					1	_	m				
	Pavo Frio Flow Line							tate:		- 2	Zip:		e	58	(8021B)				
	n: 32.744072, -104.115361						P	hone	e #:		•		1 5	801	8		1 1		
Sampler Name:							-	ax #:					Chloride	TPH (8015M)	×				
FOR LAB USE ONLY		Т	Т		MAT	RIX	_	_	ESEF	RV.	SAMP	LING	10	直	втех			- 1 1	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME							
- 11	FL 11 @ 6'	С	1		Х				Х		9/11/24		X	Х	Х				
12	FL 12 @ 6'	C	1		Х				X		9/11/24		X	Х	X				
13	FL 13 @ 6'	С	1		Х				Х		9/11/24		X	Х	X				
14	FL 14 @ 6'	С	1		Х				Х		9/11/24		X	Х	X				
K	FL 15 @ 6'	С	1		Х				Х	_	9/11/24		X	X	X				
10	FL 16 @ 6'	С	1		X				X		9/11/24		X	Х	X				
17	FL 17 @ 6'	С	1		X				Х		9/11/24		Х	Х	X				
18	FL 18 @ 5'	С	1		Х				Х		9/11/24		X	Х	Х				
19	FL 19 @ 5'	С	1		Х				Х		9/11/24		X	X	X				
20	FL 20 @ 6'	С	1		X				X		9/11/24		X	X	Х				

affiliates or successors arising out of or related to the perform	rmance of services hereunder by Car	rdinal, regardless of whether such claim is based up	oon any of the above stated rea	sons or otherwise.			
Relinquished By:	Time: 157	Received By:		Verbal Result:		de Ema	'I Phone #: ail address: techenv.com
Relinquished By.	Date: Time:	Received By:		REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C  Corrected Temp. °C	Cool Intact	CHECKED BY: (Initials)	Turnaround Time: Thermometer ID #140 Correction Factor -0.6°C	Standard Rush		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C

3:01:04 PM

Received by OCD: 11/7/2025

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 3 of 5

47 of 49

Company Name	: Etech Environmenta	al & Safety Solution	ns, l	inc.				18		BI	LL TO					ANA	LYSIS	REC	QUEST		
Project Manager	r: Lance Crenshaw							P.0	). #:												T
Address: 261	7 West Marland							Co	mpar	ıy:	Mewb	ourne									
City: Hobbs		State: NM	Zip	: 8	8240	)		Att	n:		Connor Wal	ker									
	5) 264-9884	Fax #:						Ad	dress	:											
Project #: 209	984	Project Owner:		M	ewbo	urne		Cit	y:					=	B B						
	Pavo Frio Flow Line							Sta	te:		Zip:		ge	151	(8021						
Project Location		5361						Ph	one #	:			ori.	80	8						
Sampler Name:								Fa	(#:				Chloride	TPH (8015M)	X						
FOR LAB USE ONLY				П		MATR	XIX		PRES	SERV.	SAMP	LING	1	T P	ВТЕХ						
Lab I.D.	Sample I.	.D.	(G)RAB OR (C)OMP	# CONTAINERS	WASTEWATER	SOIL	OIL	OTHER:	ACID/BASE:	OTHER:	DATE	TIME									
21	FL 21 @ 3'		С	1		X			3	X	9/11/24		X	Х	X						
22	FL 22 @ 3'		С	1	1	X				X	9/11/24		Х	Х	Х		1				
23	FL 23 @ 5'		С	1		X				X	9/11/24		Х	Х	Х						
24	FL 24 @ 4'		С	1		X				X	9/11/24		Х	X	Х						
75	FL 25 @ 4'		С	1		X				X	9/11/24		Х	Х	X						
	FL 26 @ 4'		С	1		X				X	9/11/24		X	Х	X						
	FL 27 @ 3'		С	1		X				X	9/11/24		X	X	X						
	FL 28 @ 6'		С	1		Х				X	9/11/24		Х	Х	Х						
	FL 29 @ 5'		С	1		Х				X	9/11/24		Х	Х	X						
30	FL 30 @ 4'		С	1		X				X	9/11/24		X	Х	X				7		

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Relinquished By:	Date: 0-11-24 Time: 1457	Received By:		Verbal Result:		de Ema	I Phone #: ail address: techenv.com
Relinquished By:		Received By:		REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C	Sample Condition Cool Intact  Yes Yes No No	CHECKED BY: (Initials)	Turnaround Time:  Thermometer ID #140 Correction Factor -0.6°C	Standard Rush		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C

Received by OCD: 11/7/2025 3:01:04 PM



### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 4 of 5

age 48 of 49

: Etech Environmenta	al & Safety Solutions	s, In	ic.						BIL	L TO					ANA	LYSIS	REQU	JEST		
r: Lance Crenshaw							P.0	. #:												
7 West Marland							Cor	npany	<i>y</i> :	Mewbo	ourne								1 1	- 1 1
	State: NM Z	ip:	8	8240			Attr	1:	- 15	Connor Wal	ker									
5) 264-9884	Fax #:						Add	ress:											1 1	
984	Project Owner:		Me	ewbou	ırne		City	r:					=	a l					1 1	- 1 1
							Sta	te:		Zip:		ge	15	12						- 1 1
	5361						Pho	ne #:				ori	80	88					1 1	
Patrick Muniez							Fax	#:				등	I	M I			1 1		1 1	
		П	Т		MATR	IX		PRES	ERV.	SAMP	LING	]	르	B			1 1			
Sample I	.D.	OR (C)	# CONTAINERS	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME									
FL 31 @ 5'		С	1		Х			Х		9/11/24		Х	Х	Х					1	$\rightarrow$
FL 32 @ 5'		С	1		Х		Ш	X		9/11/24		Х	Х	Х	_	1	$\perp$	_	-	$\rightarrow$
FL 33 @ 5'		С	1		Х	_		X		9/11/24		Х	Х	X					$\perp$	$\rightarrow$
NW 1		С	1		X			X		9/11/24		Х	X	X						-
NW 2		С	1		Х			X		9/11/24		X	X	X						$\rightarrow$
EW 1		С	1		Х			X		9/11/24		Х	X	X						$\perp$
EW 2		С	1		Х			Х		9/11/24		Х	Х	X						
SW 1		С	1		Х			X		9/11/24		Х	X	X						
SW 2		С	1		Х			X		9/11/24		Х	Х	X						$\perp$
SW 3		С	1		Х					9/11/24		X	X	X						
	r: Lance Crenshaw 7 West Marland 5) 264-9884 884 Pavo Frio Flow Line n: 32.744072, -104.11 Patrick Muniez  Sample I  FL 31 @ 5' FL 32 @ 5' FL 32 @ 5' NW 1 NW 2 EW 1 EW 2 SW 1 SW 2 SW 3	r: Lance Crenshaw 7 West Marland State: NM Z 5) 264-9884 Fax #: 884 Project Owner: Pavo Frio Flow Line n: 32.744072, -104.115361 Patrick Muniez  Sample I.D.  FL 31 @ 5' FL 32 @ 5' FL 33 @ 5' NW 1 NW 2 EW 1 EW 2 SW 1 SW 2 SW 3	T: Lance Crenshaw  7 West Marland  State: NM Zip:  5) 264-9884 Fax #:  Pavo Frio Flow Line  n: 32.744072, -104.115361  Patrick Muniez  Sample I.D.  FL 31 @ 5' FL 32 @ 5' FL 33 @ 5' NW 1 NW 2 EW 1 EW 2 SW 1 SW 2 SW 3 C	State: NM Zip: 8   State: NM Z	State: NM Zip: 88240	State: NM Zip: 88240	State: NM Zip: 88240	State   NM   Zip   88240   Attr   State   NM   Zip   88240   Attr   State   NM   Zip   88240   Attr   State   State	State   NM   Zip   88240   Attn:	State   NM   Zip   88240   Attn   Address   Address	Sample I.D.   Sample I.D.	P.O. #:   Tompany:   Mewbourne	State   NM   Zip   S8240   Attn:   Connor Walker	Company:   Mewbourne   Newbourne   Newbo	P.O.#:   The state   The sta	P.O.#:   Twest Mariand   P.O.#:   Twest Mariand   Company:   Mewbourne   Mewbourne   Mewbourne   Mewbourne   City:   State:   Zip:   Pavo Frio Flow Line   State:   Zip:   Phone #:   Pho	P.O. #:   Twest Mariand	P.O.#:   T.   Lance Crenshaw   P.O.#:   P.O.#:   T.   Mewbourne   P.O.#:   Pavo Frio Flow Line   Patrick Muniez   Patrick Muniez	P.O. #:   The state   The st	P.O. #:   The state   P.O. #*

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Relinquished By:	9-11-24	Received By:		Verbal Result:	Please provi	de Ema	
MAMAN	Time: 1457	apaus			I	m@ei	techenv.com
Relinquished By:	Date:	Received By:		REMARKS:			
	Time:						
Delivered By: (Circle One)	Observed Temp. °C	Sample Condition Cool Intact	CHECKED BY: (Initials)	Turnaround Time:	Standard Rush		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. 6	Yes A Yes	an)	Thermometer ID #140 Correction Factor -0.6°C			Yes Yes

Received by OCD: 11/7/2025 3:01:04 PM



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	e: Etech Environmental & Safety Solu	tions,	Inc.				13		BI	LL TO		1			ΔΝΔΙΝ	SIS REQU	IEST	Page 5 of	3
Project Manage	er: Lance Crenshaw						P.	0. #:							AIRALI	JIJ KEQU	JEST		
Address: 26	17 West Marland						Co	mpan	ıy:	Mewt	bourne	1							
City: Hobbs	State: NM	Zi	o:	8824	0		At			Connor Wa	alker	1						1 1	
Phone #: (57	'5) 264-9884 Fax #:						Ac	dress	:			1							
Project #: 209	Project Owne	r:		Mewbo	urne		Ci	ty:				1	-	m					
roject Name:	Pavo Frio Flow Line						Sta	ate:		Zip:		9	TPH (8015M)	(8021B)					
Project Location	n: 32.744072, -104.115361						Ph	one #	:			Chloride	801	88					
Sampler Name:	Patrick Muniez		_				Fa	x #:				三	I	×	- 1 1				
FOR LAB USE ONLY		۵.			MATE	XIX		PRES	ERV.	SAME	PLING	1	4	ВТЕХ					- 1
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME								
41	WW 1	C	1		Х			Х		9/11/24		Х	Х	х					+
42	WW 2	С	1		Х	+		X		9/11/24		Х	Χ	Х					1
		-																	1
		L																	+
						+	H												-
																++	-		+

Relinquished By:	Date: R Time: 1457	, regardless of whether such claim is based up deceived By:	and the court stated to	Verbal Result: Y	. Please provi	de Ema	I Phone #: ail address: techenv.com
Relinquished By:	Date:	eceived By:		REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C - 8-8	Sample Condition Cool Intact  I Yes  Yes  No  No	CHECKED BY: (Initials)	Turnaround Time: Thermometer ID #140 Correction Factor -0.6°C	Standard Rush		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C



September 17, 2024

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

RE: PAVO FRIO FLOW LINE

Enclosed are the results of analyses for samples received by the laboratory on 09/12/24 14:44.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Гах

Received: 09/12/2024 Sampling Date: 09/12/2024

Reported: 09/17/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20984 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 34 @ 7' (H245540-01)

BTEX 8021B

DIEX COLLE	9/	119	Andryzo	u 5 y 1 51 1					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2024	ND	2.21	111	2.00	1.80	
Toluene*	<0.050	0.050	09/14/2024	ND	2.27	113	2.00	0.101	
Ethylbenzene*	<0.050	0.050	09/14/2024	ND	2.44	122	2.00	0.634	
Total Xylenes*	<0.150	0.150	09/14/2024	ND	7.39	123	6.00	0.825	
Total BTEX	<0.300	0.300	09/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 % 71.5-1.		4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/13/2024	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	09/13/2024	ND	189	94.6	200	2.42	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	194	97.1	200	0.268	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	72.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.1	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

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

Received: 09/12/2024 Sampling Date: 09/12/2024

Reported: 09/17/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 35 @ 6' (H245540-02)

BTEX 8021B

DILX OUZID	mg/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2024	ND	2.21	111	2.00	1.80	
Toluene*	<0.050	0.050	09/14/2024	ND	2.27	113	2.00	0.101	
Ethylbenzene*	<0.050	0.050	09/14/2024	ND	2.44	122	2.00	0.634	
Total Xylenes*	<0.150	0.150	09/14/2024	ND	7.39	123	6.00	0.825	
Total BTEX	<0.300	0.300	09/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	09/13/2024	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	09/13/2024	ND	189	94.6	200	2.42	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	194	97.1	200	0.268	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	61.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Received: 09/12/2024 Sampling Date: 09/12/2024

Reported: 09/17/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 36 @ 4' (H245540-03)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2024	ND	2.21	111	2.00	1.80	
Toluene*	<0.050	0.050	09/14/2024	ND	2.27	113	2.00	0.101	
Ethylbenzene*	<0.050	0.050	09/14/2024	ND	2.44	122	2.00	0.634	
Total Xylenes*	<0.150	0.150	09/14/2024	ND	7.39	123	6.00	0.825	
Total BTEX	<0.300	0.300	09/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/13/2024	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	189	94.6	200	2.42	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	194	97.1	200	0.268	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	71.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.8	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



# Analytical Results For:

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

Fax To:

Received: 09/12/2024 Sampling Date: 09/12/2024

Reported: 09/17/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

# Sample ID: FL 37 @ 6' (H245540-04)

RTFY 8021R

B1EX 8021B	mg/	ку	Allalyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2024	ND	2.21	111	2.00	1.80	
Toluene*	<0.050	0.050	09/14/2024	ND	2.27	113	2.00	0.101	
Ethylbenzene*	<0.050	0.050	09/14/2024	ND	2.44	122	2.00	0.634	
Total Xylenes*	<0.150	0.150	09/14/2024	ND	7.39	123	6.00	0.825	
Total BTEX	<0.300	0.300	09/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	120 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/13/2024	ND	416	104	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	189	94.6	200	2.42	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	194	97.1	200	0.268	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	73.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.3	% 49.1-14	8						

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Celey D. Keine



# Analytical Results For:

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

Received: 09/12/2024 Sampling Date: 09/12/2024

Reported: 09/17/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

# Sample ID: FL 38 @ 5' (H245540-05)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2024	ND	2.21	111	2.00	1.80	
Toluene*	<0.050	0.050	09/14/2024	ND	2.27	113	2.00	0.101	
Ethylbenzene*	<0.050	0.050	09/14/2024	ND	2.44	122	2.00	0.634	
Total Xylenes*	<0.150	0.150	09/14/2024	ND	7.39	123	6.00	0.825	
Total BTEX	<0.300	0.300	09/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/13/2024	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	189	94.6	200	2.42	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	194	97.1	200	0.268	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	70.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.0	% 49.1-14	8						

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Celey D. Keene



# Analytical Results For:

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

Received: 09/12/2024 Sampling Date: 09/12/2024

Reported: 09/17/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

# Sample ID: FL 39 @ 5' (H245540-06)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2024	ND	2.21	111	2.00	1.80	
Toluene*	<0.050	0.050	09/14/2024	ND	2.27	113	2.00	0.101	
Ethylbenzene*	<0.050	0.050	09/14/2024	ND	2.44	122	2.00	0.634	
Total Xylenes*	<0.150	0.150	09/14/2024	ND	7.39	123	6.00	0.825	
Total BTEX	<0.300	0.300	09/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/13/2024	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	189	94.6	200	2.42	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	194	97.1	200	0.268	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	75.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.4	% 49.1-14	8						

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Celey D. Keene



09/12/2024

# Analytical Results For:

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

Received: 09/12/2024 Sampling Date:

Reported: 09/17/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 20984 Shalyn Rodriguez

Project Location: MEWBOURNE 32.744072,-104.115361

# Sample ID: FL 40 @ 5' (H245540-07)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2024	ND	2.21	111	2.00	1.80	
Toluene*	<0.050	0.050	09/14/2024	ND	2.27	113	2.00	0.101	
Ethylbenzene*	<0.050	0.050	09/14/2024	ND	2.44	122	2.00	0.634	
Total Xylenes*	<0.150	0.150	09/14/2024	ND	7.39	123	6.00	0.825	
Total BTEX	<0.300	0.300	09/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/13/2024	ND	416	104	400	3.92	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	189	94.6	200	2.42	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	194	97.1	200	0.268	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	68.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.4	% 49.1-14	8						

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Celecy D. Keene



# Analytical Results For:

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

Received: 09/12/2024 Sampling Date: 09/12/2024

Reported: 09/17/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

# Sample ID: FL 41 @ 5' (H245540-08)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2024	ND	2.21	111	2.00	1.80	
Toluene*	<0.050	0.050	09/14/2024	ND	2.27	113	2.00	0.101	
Ethylbenzene*	<0.050	0.050	09/14/2024	ND	2.44	122	2.00	0.634	
Total Xylenes*	<0.150	0.150	09/14/2024	ND	7.39	123	6.00	0.825	
Total BTEX	<0.300	0.300	09/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/13/2024	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	189	94.6	200	2.42	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	194	97.1	200	0.268	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	63.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.3	% 49.1-14	8						

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Celeg D. Freene



# Analytical Results For:

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

Fax To:

Received: 09/12/2024 Sampling Date: 09/12/2024

Reported: 09/17/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

# Sample ID: FL 42 @ 3' (H245540-09)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2024	ND	2.21	111	2.00	1.80	
Toluene*	<0.050	0.050	09/14/2024	ND	2.27	113	2.00	0.101	
Ethylbenzene*	<0.050	0.050	09/14/2024	ND	2.44	122	2.00	0.634	
Total Xylenes*	<0.150	0.150	09/14/2024	ND	7.39	123	6.00	0.825	
Total BTEX	<0.300	0.300	09/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	09/13/2024	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	189	94.6	200	2.42	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	194	97.1	200	0.268	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	71.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.0	% 49.1-14	8						

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# Analytical Results For:

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

Fax To:

Received: 09/12/2024 Sampling Date: 09/12/2024

Reported: 09/17/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

# Sample ID: FL 43 @ 5' (H245540-10)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2024	ND	2.21	111	2.00	1.80	
Toluene*	<0.050	0.050	09/14/2024	ND	2.27	113	2.00	0.101	
Ethylbenzene*	<0.050	0.050	09/14/2024	ND	2.44	122	2.00	0.634	
Total Xylenes*	<0.150	0.150	09/14/2024	ND	7.39	123	6.00	0.825	
Total BTEX	<0.300	0.300	09/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/16/2024	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	189	94.6	200	2.42	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	194	97.1	200	0.268	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	68.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.6	% 49.1-14	8						

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Celey D. Keene



# Analytical Results For:

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

Analyzed By: JH

Received: 09/12/2024

Sampling Date: 09/12/2024 Sampling Type: Soil

Project Name:

Reported:

BTEX 8021B

PAVO FRIO FLOW LINE

Sampling Condition: Cool & Intact

Project Number: 20984

Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

09/17/2024

# Sample ID: EW 3 (H245540-11)

DILX GOZID	ıııg,	ng .	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2024	ND	2.21	111	2.00	1.80	
Toluene*	<0.050	0.050	09/14/2024	ND	2.27	113	2.00	0.101	
Ethylbenzene*	<0.050	0.050	09/14/2024	ND	2.44	122	2.00	0.634	
Total Xylenes*	<0.150	0.150	09/14/2024	ND	7.39	123	6.00	0.825	
Total BTEX	<0.300	0.300	09/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/16/2024	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	189	94.6	200	2.42	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	194	97.1	200	0.268	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	62.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.0	% 49.1-14	8						

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Celey D. Keine



# Analytical Results For:

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

Received: 09/12/2024 Sampling Date: 09/12/2024

Reported: 09/17/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

# Sample ID: EW 4 (H245540-12)

BTEX 8021B

	9/	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2024	ND	2.21	111	2.00	1.80	
Toluene*	<0.050	0.050	09/14/2024	ND	2.27	113	2.00	0.101	
Ethylbenzene*	<0.050	0.050	09/14/2024	ND	2.44	122	2.00	0.634	
Total Xylenes*	<0.150	0.150	09/14/2024	ND	7.39	123	6.00	0.825	
Total BTEX	<0.300	0.300	09/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/16/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	189	94.6	200	2.42	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	194	97.1	200	0.268	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	74.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.6	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



# Analytical Results For:

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

Fax To:

Received: 09/12/2024 Sampling Date: 09/12/2024

Reported: 09/17/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

# Sample ID: WW 3 (H245540-13)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2024	ND	2.21	111	2.00	1.80	
Toluene*	<0.050	0.050	09/14/2024	ND	2.27	113	2.00	0.101	
Ethylbenzene*	<0.050	0.050	09/14/2024	ND	2.44	122	2.00	0.634	
Total Xylenes*	<0.150	0.150	09/14/2024	ND	7.39	123	6.00	0.825	
Total BTEX	<0.300	0.300	09/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/16/2024	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	189	94.6	200	2.42	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	194	97.1	200	0.268	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	67.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.0	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



# Analytical Results For:

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

Received: 09/12/2024 Sampling Date: 09/12/2024

Reported: 09/17/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

# Sample ID: WW 4 (H245540-14)

BTEX 8021B

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Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2024	ND	2.21	111	2.00	1.80	
Toluene*	<0.050	0.050	09/14/2024	ND	2.27	113	2.00	0.101	
Ethylbenzene*	<0.050	0.050	09/14/2024	ND	2.44	122	2.00	0.634	
Total Xylenes*	<0.150	0.150	09/14/2024	ND	7.39	123	6.00	0.825	
Total BTEX	<0.300	0.300	09/14/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/16/2024	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	189	94.6	200	2.42	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	194	97.1	200	0.268	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	72.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.0	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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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.

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

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Celeg D. Freene



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

company Name	(575) 393-2326 FAX (575) 393-2 e: Etech Environmental & Safety Solu		Inc.					P	ILL TO		1			*****	1/016		_	Page 1 o	12
roject Manage	er: Lance Crenshaw	22.23	-			6	.0. #:		ILL IU		-			ANAL	YSIS	REQUES	ST		
ddress: 26	17 West Marland					- 1-	ompa		Mour	bourne	1			- 1					
ity: Hobbs	State: NM	Zir	):	88240			ttn:	any.	Connor Wa		1								
none #: (57	75) 264-9884 Fax #:			00210		-	ddres	26.	COMMON VY	ainei	1						1		
roject #: 209		er:	- 11	Mewbourn	ne	-	ity:				1		_						
roject Name:	Pavo Frio Flow Line						tate:		Zip:		0	TPH (8015M)	(8021B)						
roject Locatio						_	hone	#-	Lip.		Chloride	0	80						
ampler Name:							ax #:	т.			1 을	8	×						
FOR LAB USE ONLY		T		MA	TRIX	-		SERV	SAM	PLING	10	효	ВТЕХ						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	10,00		SLUDGE OTHER:	ACID/BASE:	ICE / COOL OTHER:	DATE	TIME									
	FL 34 @ 7'	С	1	X	$\overline{}$			X	9/12/24		х	х	Х						$\dashv$
2	FL 35 @ 6'	С	1	X				Х	9/12/24		х	х	x						$\dashv$
- 1	FL 36 @ 4'	С	1	X				Х	9/12/24		Х	х	x						
	FL 37 @ 6'	С	1	X				Х	9/12/24		Х	Х	X						
	FL 38 @ 5'	С	1	X				Х	9/12/24		х	Х	х						
_	FL 39 @ 5'	С	1	X				Х	9/12/24		Х	Х	Х						
0	FL 40 @ 5'	С	1	X				X	9/12/24		Х	Х	Х						
	FL 41 @ 5'	С	1	X				Х	9/12/24		Х	Х	X						
	FL 42 @ 3'	С	1	X	-			X	9/12/24		Х	Х	X						
10	FL 43 @ 5'	C	11	X				X	9/12/24		X	X	X						$\rightarrow$

Relinquished By:	Date: 9-12-24	Received By:	ny of the above stated reason	Verbal Result: Ye All Results are emailed.	s	Add'	I Phone #:
Relinquished By:	Date:	Received By:	uy	REMARKS:			techenv.com
	Time:		0				
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C Corrected Temp. °C	4 5c Cool Intact	CHECKED BY:	Turnaround Time: Thermometer ID #140 Correction Factor -0.6°C	Standard Rush		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Served Temp. °C

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Company Nam	e: Etech Environmental & Safety Sol	utions	Inc.		123	R	ILL TO			_		*****			Page 2 of
Project Manage	er: Lance Crenshaw				P.	0. #:	ILL IU		-			ANALY	SIS REC	QUEST	
ddress: 26	17 West Marland				-	mpany:	Moud	bourne	1		- 1				
ity: Hobbs	State: NN	1 Zi	o:	88240	Att		Connor Wa		1			11			1 1
hone #: (57	(5) 264-9884 Fax #:					dress:	CONTION VV	sikei	1						
roject #: 20	984 Project Own	er:		Mewbourne	Cit				1						
roject Name:	Pavo Frio Flow Line					ite:	Zip:			TPH (8015M)	(8021B)				
roject Locatio	n: 32.744072, -104.115361					one #:	Lip.		Chloride	916	302				
ampler Name:	Patrick Muniez					(#:			을	8	×				
FOR LAB USE ONLY		1.	Т	MATRIX	_	PRESERV	. SAME	PLING	0	F	втех		1		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL	OTHER:	ACID/BASE: ICE / COOL OTHER:	DATE	71115							
11	EW 3	C	1	X		X	9/12/24	TIME	Х	~			-		
17	EW 4	С	1	X		X	9/12/24		X	X	X	+	-		-
13	WW 3	С	1	X		X	9/12/24		x	X	x	++-	-		
14	WW 4	С	1	X		X	9/12/24		X	X	X	++			
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Relinquished By:  Relinquished By:	Time; 444	regardless of whether such claim is based upon any of eceived By:	Verbal Result:	☐ Yes ☐ No emailed. Please provi	Add'I Phone #: ide Email address: pm@etechenv.com	
y madished by.	Date: Re	eceived By:	REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C - 니 - Corrected Temp. °C - 니 -	Cool Intent	ECKED BY: Turnaround Tim  (Initials)  Thermometer ID (Correction Factor	Rush #140	☐ Yes ☐ Yes	imple Condition Observed Temp. °C Corrected Temp. °C



September 18, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: PAVO FRIO FLOW LINE

Enclosed are the results of analyses for samples received by the laboratory on 09/13/24 14:35.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



# Analytical Results For:

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

Fax To:

Received: 09/13/2024 Sampling Date: 09/13/2024

Reported: 09/18/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

# Sample ID: FL 44 @ 6' (H245597-01)

BTEX 8021B

BIEX GOEED	9/	9	Andryzo	u 2 y : 3 : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2024	ND	2.02	101	2.00	1.15	
Toluene*	<0.050	0.050	09/16/2024	ND	1.94	96.9	2.00	1.11	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	1.99	99.4	2.00	1.36	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	5.92	98.7	6.00	1.41	
Total BTEX	<0.300	0.300	09/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/17/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	209	105	200	0.306	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	187	93.5	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					
Surrogate: 1-Chlorooctane	76.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.6	% 49.1-14	8						

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Celey D. Keene



# Analytical Results For:

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

Received: 09/13/2024 Sampling Date: 09/13/2024

Reported: 09/18/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

# Sample ID: FL 45 @ 6' (H245597-02)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2024	ND	2.02	101	2.00	1.15	
Toluene*	<0.050	0.050	09/16/2024	ND	1.94	96.9	2.00	1.11	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	1.99	99.4	2.00	1.36	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	5.92	98.7	6.00	1.41	
Total BTEX	<0.300	0.300	09/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/17/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	209	105	200	0.306	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	187	93.5	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					
Surrogate: 1-Chlorooctane	76.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.1	% 49.1-14	8						

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Celey D. Keine



# Analytical Results For:

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

Fax To:

Received: 09/13/2024 Sampling Date: 09/13/2024

Reported: 09/18/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

# Sample ID: FL 46 @ 5' (H245597-03)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2024	ND	2.02	101	2.00	1.15	
Toluene*	<0.050	0.050	09/16/2024	ND	1.94	96.9	2.00	1.11	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	1.99	99.4	2.00	1.36	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	5.92	98.7	6.00	1.41	
Total BTEX	<0.300	0.300	09/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/17/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	209	105	200	0.306	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	187	93.5	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					
Surrogate: 1-Chlorooctane	75.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.9	% 49.1-14	8						

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Celey D. Keene



# Analytical Results For:

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

Analyzed By: JH

Received: 09/13/2024

Sampling Date: 09/13/2024

Reported:

09/18/2024

mg/kg

Sampling Type: Soil

Project Name:

BTEX 8021B

PAVO FRIO FLOW LINE

Sampling Condition: Cool & Intact

Project Number: 20984

Sample Received By:

Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

# Sample ID: FL 47 @ 5' (H245597-04)

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2024	ND	2.02	101	2.00	1.15	
Toluene*	<0.050	0.050	09/16/2024	ND	1.94	96.9	2.00	1.11	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	1.99	99.4	2.00	1.36	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	5.92	98.7	6.00	1.41	
Total BTEX	<0.300	0.300	09/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/17/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	209	105	200	0.306	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	187	93.5	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					
Surrogate: 1-Chlorooctane	74.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.8	% 49.1-14	8						

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Kreine



# Analytical Results For:

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

Fax To:

Received: 09/13/2024 Sampling Date: 09/13/2024

Reported: 09/18/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

# Sample ID: FL 48 @ 5' (H245597-05)

BTEX 8021B

DILX GOZID	11197	ng .	Andryzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2024	ND	2.02	101	2.00	1.15	
Toluene*	<0.050	0.050	09/16/2024	ND	1.94	96.9	2.00	1.11	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	1.99	99.4	2.00	1.36	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	5.92	98.7	6.00	1.41	
Total BTEX	<0.300	0.300	09/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/17/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	209	105	200	0.306	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	187	93.5	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					
Surrogate: 1-Chlorooctane	68.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.2	% 49.1-14	8						

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Celey & Keene



# Analytical Results For:

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

Fax To:

Received: 09/13/2024 Sampling Date: 09/13/2024

Reported: 09/18/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

# Sample ID: FL 49 @ 4' (H245597-06)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2024	ND	2.02	101	2.00	1.15	
Toluene*	<0.050	0.050	09/16/2024	ND	1.94	96.9	2.00	1.11	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	1.99	99.4	2.00	1.36	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	5.92	98.7	6.00	1.41	
Total BTEX	<0.300	0.300	09/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/17/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	209	105	200	0.306	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	187	93.5	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					
Surrogate: 1-Chlorooctane	68.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.0	% 49.1-14	8						

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Celey D. Keine



# Analytical Results For:

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

Received: 09/13/2024 Sampling Date: 09/13/2024

Reported: 09/18/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

# Sample ID: FL 50 @ 6' (H245597-07)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2024	ND	2.02	101	2.00	1.15	
Toluene*	<0.050	0.050	09/16/2024	ND	1.94	96.9	2.00	1.11	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	1.99	99.4	2.00	1.36	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	5.92	98.7	6.00	1.41	
Total BTEX	<0.300	0.300	09/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/17/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	209	105	200	0.306	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	187	93.5	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					
Surrogate: 1-Chlorooctane	66.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.2	% 49.1-14	8						

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Celey D. Keine



# Analytical Results For:

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

Analyzed By: JH

Received: 09/13/2024

Sampling Date:

09/13/2024

Reported:

09/18/2024

Sampling Type:

Soil

Project Name:

mg/kg

Sampling Condition:

Cool & Intact

Project Number:

PAVO FRIO FLOW LINE 20984

Sample Received By:

Alyssa Parras

Project Location:

BTEX 8021B

MEWBOURNE 32.744072,-104.115361

# Sample ID: FL 51 @ 5' (H245597-08)

DILX GOZID	1119/	<u>ka</u>	Allulyzo	.u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2024	ND	2.02	101	2.00	1.15	
Toluene*	<0.050	0.050	09/16/2024	ND	1.94	96.9	2.00	1.11	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	1.99	99.4	2.00	1.36	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	5.92	98.7	6.00	1.41	
Total BTEX	<0.300	0.300	09/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.0	% 71.5-13-	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/17/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	209	105	200	0.306	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	187	93.5	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					
Surrogate: 1-Chlorooctane	69.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.6	% 49.1-14	8						

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Celey D. Keine



# Analytical Results For:

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

Received: 09/13/2024 Sampling Date: 09/13/2024

Reported: 09/18/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

# Sample ID: FL 52 @ 6' (H245597-09)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2024	ND	2.02	101	2.00	1.15	
Toluene*	<0.050	0.050	09/16/2024	ND	1.94	96.9	2.00	1.11	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	1.99	99.4	2.00	1.36	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	5.92	98.7	6.00	1.41	
Total BTEX	<0.300	0.300	09/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	09/17/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	209	105	200	0.306	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	187	93.5	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					
Surrogate: 1-Chlorooctane	77.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.7	% 49.1-14	8						

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Celey D. Keine



# Analytical Results For:

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

Received: 09/13/2024 Sampling Date: 09/13/2024

Reported: 09/18/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

# Sample ID: FL 53 @ 6' (H245597-10)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2024	ND	2.02	101	2.00	1.15	
Toluene*	<0.050	0.050	09/16/2024	ND	1.94	96.9	2.00	1.11	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	1.99	99.4	2.00	1.36	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	5.92	98.7	6.00	1.41	
Total BTEX	<0.300	0.300	09/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 71.5-13-	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/17/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	209	105	200	0.306	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	187	93.5	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					
Surrogate: 1-Chlorooctane	74.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.3	% 49.1-14	8						

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Celey D. Keine



# Analytical Results For:

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

Fax To:

Received: 09/13/2024 Sampling Date: 09/13/2024

Reported: 09/18/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

# Sample ID: FL 54 @ 6' (H245597-11)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2024	ND	2.02	101	2.00	1.15	
Toluene*	<0.050	0.050	09/16/2024	ND	1.94	96.9	2.00	1.11	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	1.99	99.4	2.00	1.36	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	5.92	98.7	6.00	1.41	
Total BTEX	<0.300	0.300	09/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/17/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	220	110	200	0.902	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	210	105	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					
Surrogate: 1-Chlorooctane	81.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.2	% 49.1-14	8						

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Celey D. Keene



# Analytical Results For:

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

Received: 09/13/2024 Sampling Date: 09/13/2024

Reported: 09/18/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

# Sample ID: FL 55 @ 6' (H245597-12)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2024	ND	2.02	101	2.00	1.15	
Toluene*	<0.050	0.050	09/16/2024	ND	1.94	96.9	2.00	1.11	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	1.99	99.4	2.00	1.36	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	5.92	98.7	6.00	1.41	
Total BTEX	<0.300	0.300	09/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/17/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	220	110	200	0.902	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	210	105	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					
Surrogate: 1-Chlorooctane	91.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Celey D. Keene



# Analytical Results For:

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

Received: 09/13/2024 Sampling Date: 09/13/2024

Reported: 09/18/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

# Sample ID: FL 56 @ 6' (H245597-13)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2024	ND	2.02	101	2.00	1.15	
Toluene*	<0.050	0.050	09/16/2024	ND	1.94	96.9	2.00	1.11	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	1.99	99.4	2.00	1.36	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	5.92	98.7	6.00	1.41	
Total BTEX	<0.300	0.300	09/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/17/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	220	110	200	0.902	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	210	105	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					
Surrogate: 1-Chlorooctane	87.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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# Analytical Results For:

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

Fax To:

Received: 09/13/2024 Sampling Date: 09/13/2024

Reported: 09/18/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: Sample Received By: Alyssa Parras 20984

Project Location: MEWBOURNE 32.744072,-104.115361

# Sample ID: FL 57 @ 3' (H245597-14)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.13	106	2.00	0.815	
Toluene*	<0.050	0.050	09/17/2024	ND	2.02	101	2.00	0.761	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.03	101	2.00	1.91	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	6.10	102	6.00	2.52	
Total BTEX	<0.300	0.300	09/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/17/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	220	110	200	0.902	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	210	105	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					
Surrogate: 1-Chlorooctane	80.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.0	% 49.1-14	8						

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# Analytical Results For:

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

Fax To:

Received: 09/13/2024 Sampling Date: 09/13/2024

Reported: 09/18/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

# Sample ID: FL 58 @ 4' (H245597-15)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.13	106	2.00	0.815	
Toluene*	<0.050	0.050	09/17/2024	ND	2.02	101	2.00	0.761	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.03	101	2.00	1.91	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	6.10	102	6.00	2.52	
Total BTEX	<0.300	0.300	09/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/17/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	220	110	200	0.902	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	210	105	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					
Surrogate: 1-Chlorooctane	84.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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# Analytical Results For:

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

Analyzed By: JH

Received: 09/13/2024

Sampling Date:

09/13/2024

Reported: Project Name: 09/18/2024

Sampling Type:

Soil

BTEX 8021B

PAVO FRIO FLOW LINE

mg/kg

Sampling Condition:

Cool & Intact

Project Number:

20984

Sample Received By:

Alyssa Parras

Project Location:

MEWBOURNE 32.744072,-104.115361

# Sample ID: FL 59 @ 4' (H245597-16)

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.13	106	2.00	0.815	
Toluene*	<0.050	0.050	09/17/2024	ND	2.02	101	2.00	0.761	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.03	101	2.00	1.91	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	6.10	102	6.00	2.52	
Total BTEX	<0.300	0.300	09/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/17/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	220	110	200	0.902	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	210	105	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Celey D. Keine



# Analytical Results For:

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

Received: 09/13/2024 Sampling Date: 09/13/2024 Soil

Reported: 09/18/2024 Sampling Type:

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: Sample Received By: Alyssa Parras 20984

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

# Sample ID: EW 5 (H245597-17)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.13	106	2.00	0.815	
Toluene*	<0.050	0.050	09/17/2024	ND	2.02	101	2.00	0.761	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.03	101	2.00	1.91	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	6.10	102	6.00	2.52	
Total BTEX	<0.300	0.300	09/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/17/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	220	110	200	0.902	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	210	105	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					
Surrogate: 1-Chlorooctane	77.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.8	% 49.1-14	8						

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Celey D. Keene



# Analytical Results For:

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

Fax To:

Received: 09/13/2024 Sampling Date: 09/13/2024

Reported: 09/18/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

# Sample ID: EW 6 (H245597-18)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.13	106	2.00	0.815	
Toluene*	<0.050	0.050	09/17/2024	ND	2.02	101	2.00	0.761	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.03	101	2.00	1.91	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	6.10	102	6.00	2.52	
Total BTEX	<0.300	0.300	09/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/17/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	220	110	200	0.902	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	210	105	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					
Surrogate: 1-Chlorooctane	89.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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# Analytical Results For:

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

Received: 09/13/2024 Reported: 09/18/2024

Project Name: PAVO FRIO FLOW LINE

Project Number: 20984

Project Location: MEWBOURNE 32.744072,-104.115361 Sampling Date: 09/13/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

# Sample ID: EW 7 (H245597-19)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.13	106	2.00	0.815	
Toluene*	<0.050	0.050	09/17/2024	ND	2.02	101	2.00	0.761	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.03	101	2.00	1.91	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	6.10	102	6.00	2.52	
Total BTEX	<0.300	0.300	09/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/17/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	220	110	200	0.902	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	210	105	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					
Surrogate: 1-Chlorooctane	88.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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# Analytical Results For:

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

Fax To:

Received: 09/13/2024 Sampling Date: 09/13/2024

Reported: 09/18/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras Project Number: 20984

Project Location: MEWBOURNE 32.744072,-104.115361

# Sample ID: WW 5 (H245597-20)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.13	106	2.00	0.815	
Toluene*	<0.050	0.050	09/17/2024	ND	2.02	101	2.00	0.761	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.03	101	2.00	1.91	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	6.10	102	6.00	2.52	
Total BTEX	<0.300	0.300	09/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/17/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	220	110	200	0.902	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	210	105	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					
Surrogate: 1-Chlorooctane	81.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.0	% 49.1-14	8						

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# Analytical Results For:

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

Fax To:

Received: 09/13/2024 Sampling Date: 09/13/2024

Reported: 09/18/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

# Sample ID: WW 6 (H245597-21)

BTEX 8021B

				<u> </u>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.13	106	2.00	0.815	
Toluene*	<0.050	0.050	09/17/2024	ND	2.02	101	2.00	0.761	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.03	101	2.00	1.91	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	6.10	102	6.00	2.52	
Total BTEX	<0.300	0.300	09/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 % 71.5-13		4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/17/2024	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	09/16/2024	ND	220	110	200	0.902	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	210	105	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					
Surrogate: 1-Chlorooctane	90.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 09/13/2024 Sampling Date: 09/13/2024

Reported: 09/18/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 20984 Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: WW 7 (H245597-22)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.13	106	2.00	0.815	
Toluene*	<0.050	0.050	09/17/2024	ND	2.02	101	2.00	0.761	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.03	101	2.00	1.91	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	6.10	102	6.00	2.52	
Total BTEX	<0.300	0.300	09/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/17/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	220	110	200	0.902	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	210	105	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					
Surrogate: 1-Chlorooctane	89.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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Celey D. Keene



#### **Notes and Definitions**

S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.

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

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

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Celeg D. Freene



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ompany Name	(575) 393-2326 FAX (575) 393-24 Etech Environmental & Safety Solut	ions,	Inc.					В	ILL TO					ANALY	SIS REQU	JEST		of 3
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roject Location	32.744072, -104.115361						Phon	e #:			Chloride	TPH (8015M)	(8021B)					
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FOR LAB USE ONLY		1.	П	M	(ATRI)	(	PF	RESERV	. SAMI	PLING	10	1	ВТЕХ		1 1			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ICE / COOL C	DATE	TIME								
1	FL 44 @ 6'	С	1		X		T	X	9/13/24		Х	Х	х					
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	FL 46 @ 5'	С	1	. 3	X			X	9/13/24		X	Х	х					
4	FL 47 @ 5'	С	1		X			X	9/13/24		Х	Х	х					
5	FL 48 @ 5'	C	1		X			Х	9/13/24		Х	Х	Х					
_	FL 49 @ 4'	С	1		X			Х	9/13/24		Х	Х	х					
7	FL 50 @ 6'	С	1		X			X	9/13/24		X	Х	х					
0	FL 51 @ 5'	С	1		X			Х	9/13/24		Х	Х	Х					
	FL 52 @ 6'	С	1		X			Х	9/13/24		Х	Х	Х					- 9
10	FL 53 @ 6'	C	11		X			X	9/13/24		X	X	X					

analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

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FOR LAB USE ONLY		T	П		MATRI	X		PRESER	/. SAM	PLING	10	直	втех						
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12	FL 55 @ 6'	С	1		Х			X	9/13/24		Х	х	х						
	FL 56 @ 6'	С	1		Х			X	9/13/24		Х	Х	X						
	FL 57 @ 3'	С	1		Х			X	9/13/24		Х	Х	Х						
	FL 58 @ 4'	С	1		X			X	9/13/24		Х	X	Х						
	FL 59 @ 4'	С	1		Х			X	9/13/24		Х	Х	Х						
17	EW 5	С	1		Х			X	9/13/24		Х	Х	Х						
	EW 6	С	1		Х			X	9/13/24	1	Х	Х	Х						
14	EW 7	С	1		Х			X	9/13/24		Х	Х	X						
EASE NOTE: Liability ar	WW 5	c	1		X			X	9/13/24		x	Х	X						

service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries

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	Time:						
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C	Sample Condition Cool Intact Light Yes Light Yes	CHECKED BY: (Initials)	Turnaround Time:	Standard Rush		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
campion of o Bao Galor.		42 No No	AD	Thermometer ID #140 Correction Factor -0.6°C			Yes Yes



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

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Company Name	e: Etech Environmental & Safety Solu	tions	. Inc	G					8		P	III TO		-					_			Page 3	3 of 3
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Project Name:	Pavo Frio Flow Line								Stat	te:		Zip:		e	58	(8021B)							
Project Locatio	n: 32.744072, -104.115361								Pho	ne i	<b>#</b> :			Įξ	2	80						1 1	
Sampler Name:	Patrick Muniez								Fax	#:				Chloride	TPH (8015M)	×							
FOR LAB USE ONLY		Τ.	Т			MAT	RIX		T	PRE	SERV	. SAME	PLING	10	1	BTEX							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE:	OTHER:	DATE	TIME										
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opler - UPS - Bus - Other:	Corrected Temp. °C	TV00 VV00		nometer ID #140 ction Factor -0.6°C	Rush	Ö	Cool Intact Yes Yes No No	Observed To	emp. °C



September 19, 2024

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

RE: PAVO FRIO FLOW LINE

Enclosed are the results of analyses for samples received by the laboratory on 09/16/24 14:46.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Received: 09/16/2024 Sampling Date: 09/16/2024

Reported: 09/19/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20984 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 60 @ 5' (H245621-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.04	102	2.00	2.40	
Toluene*	<0.050	0.050	09/17/2024	ND	1.91	95.7	2.00	2.59	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	1.93	96.4	2.00	2.47	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	5.72	95.4	6.00	2.68	
Total BTEX	<0.300	0.300	09/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/17/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	204	102	200	0.238	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	202	101	200	5.70	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					
Surrogate: 1-Chlorooctane	77.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.1	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 09/16/2024 Sampling Date: 09/16/2024

Reported: 09/19/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 61 @ 4' (H245621-02)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.04	102	2.00	2.40	
Toluene*	<0.050	0.050	09/17/2024	ND	1.91	95.7	2.00	2.59	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	1.93	96.4	2.00	2.47	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	5.72	95.4	6.00	2.68	
Total BTEX	<0.300	0.300	09/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/17/2024	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	204	102	200	0.238	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	202	101	200	5.70	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					
Surrogate: 1-Chlorooctane	73.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.4	% 49.1-14	8						

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Celey D. Kreine



#### Analytical Results For:

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

Fax To:

Received: 09/16/2024 Sampling Date: 09/16/2024

Reported: 09/19/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: Sample Received By: Alyssa Parras 20984

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 62 @ 3' (H245621-03)

BTEX 8021B	mg	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.04	102	2.00	2.40	
Toluene*	<0.050	0.050	09/17/2024	ND	1.91	95.7	2.00	2.59	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	1.93	96.4	2.00	2.47	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	5.72	95.4	6.00	2.68	
Total BTEX	<0.300	0.300	09/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/17/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	204	102	200	0.238	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	202	101	200	5.70	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					
Surrogate: 1-Chlorooctane	60.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	61.2	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Received: 09/16/2024 Sampling Date: 09/16/2024

Reported: 09/19/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 63 @ 3' (H245621-04)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.04	102	2.00	2.40	
Toluene*	<0.050	0.050	09/17/2024	ND	1.91	95.7	2.00	2.59	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	1.93	96.4	2.00	2.47	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	5.72	95.4	6.00	2.68	
Total BTEX	<0.300	0.300	09/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/17/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	204	102	200	0.238	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	202	101	200	5.70	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					
Surrogate: 1-Chlorooctane	56.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	59.8	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 09/16/2024 Sampling Date: 09/16/2024

Reported: 09/19/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 64 @ 4' (H245621-05)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.04	102	2.00	2.40	
Toluene*	<0.050	0.050	09/17/2024	ND	1.91	95.7	2.00	2.59	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	1.93	96.4	2.00	2.47	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	5.72	95.4	6.00	2.68	
Total BTEX	<0.300	0.300	09/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/17/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	204	102	200	0.238	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	202	101	200	5.70	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					
Surrogate: 1-Chlorooctane	70.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.1	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 09/16/2024 Sampling Date: 09/16/2024

Reported: 09/19/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 65 @ 4' (H245621-06)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.04	102	2.00	2.40	
Toluene*	<0.050	0.050	09/17/2024	9/17/2024 ND		95.7	2.00	2.59	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	1.93	96.4	2.00	2.47	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	5.72 95.4		6.00	2.68	
Total BTEX	<0.300	0.300	09/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/17/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	204	102	200	0.238	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	202	101	200	5.70	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					
Surrogate: 1-Chlorooctane	66.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.3	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Received: 09/16/2024 Sampling Date: 09/16/2024

Reported: 09/19/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 66 @ 4' (H245621-07)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.04	102	2.00	2.40	
Toluene*	<0.050	0.050	09/17/2024	/17/2024 ND		95.7	2.00	2.59	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	1.93	96.4	2.00	2.47	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	5.72	95.4	6.00	2.68	
Total BTEX	<0.300	0.300	09/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/17/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	204	102	200	0.238	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	202	101	200	5.70	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					
Surrogate: 1-Chlorooctane	74.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.2	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Received: 09/16/2024 Sampling Date: 09/16/2024

Reported: 09/19/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 67 @ 4' (H245621-08)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.04	102	2.00	2.40	
Toluene*	<0.050	0.050	09/17/2024 ND		1.91	95.7	2.00	2.59	
Ethylbenzene*	<0.050	0.050	09/17/2024 ND		1.93	96.4	2.00	2.47	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	5.72	95.4	6.00	2.68	
Total BTEX	<0.300	0.300	09/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/17/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	204	102	200	0.238	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	202	101	200	5.70	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					
Surrogate: 1-Chlorooctane	73.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.1	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 09/16/2024 Sampling Date: 09/16/2024

Reported: 09/19/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 68 @ 4' (H245621-09)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024 ND		2.04	102	2.00	2.40	
Toluene*	<0.050	0.050	09/17/2024	ND	1.91	95.7	2.00	2.59	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	1.93	96.4	2.00	2.47	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	5.72	95.4	6.00	2.68	
Total BTEX	<0.300	0.300	09/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Analyte Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/17/2024	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	204	102	200	0.238	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	202	101	200	5.70	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					
Surrogate: 1-Chlorooctane	72.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.3	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/16/2024 Sampling Date: 09/16/2024

Reported: 09/19/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 69 @ 4' (H245621-10)

BTEX 8021B

				<u> </u>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.04	102	2.00	2.40	
Toluene*	<0.050	0.050	09/17/2024	ND	1.91	95.7	2.00	2.59	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	1.93	96.4	2.00	2.47	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	5.72	95.4	6.00	2.68	
Total BTEX	<0.300	0.300	09/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/17/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	204	102	200	0.238	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	202	101	200	5.70	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					
Surrogate: 1-Chlorooctane	70.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.7	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/16/2024 Sampling Date: 09/16/2024

Reported: 09/19/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 70 @ 3' (H245621-11)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.04	102	2.00	2.40	
Toluene*	<0.050	0.050	09/17/2024	ND	1.91	95.7	2.00	2.59	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	1.93	96.4	2.00	2.47	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	5.72	95.4	6.00	2.68	
Total BTEX	<0.300	0.300	09/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/17/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	204	102	200	0.238	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	202	101	200	5.70	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					
Surrogate: 1-Chlorooctane	71.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.9	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Received: 09/16/2024 Sampling Date: 09/16/2024

Reported: 09/19/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 71 @ 3' (H245621-12)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.04	102	2.00	2.40	
Toluene*	<0.050	0.050	09/17/2024	ND	1.91	95.7	2.00	2.59	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	1.93	96.4	2.00	2.47	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	5.72	95.4	6.00	2.68	
Total BTEX	<0.300	0.300	09/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/17/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	204	102	200	0.238	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	202	101	200	5.70	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					
Surrogate: 1-Chlorooctane	66.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.4	% 49.1-14	8						

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Celey D. Keene



09/16/2024

#### Analytical Results For:

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

Received: 09/16/2024 Sampling Date:

Reported: 09/19/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 72 @ 3' (H245621-13)

BTEX 8021B

	<u> </u>			. ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.04	102	2.00	2.40	
Toluene*	<0.050	0.050	09/17/2024	ND	1.91	95.7	2.00	2.59	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	1.93	96.4	2.00	2.47	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	5.72	95.4	6.00	2.68	
Total BTEX	<0.300	0.300	09/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	alyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/18/2024	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	204	102	200	0.238	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	202	101	200	5.70	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					
Surrogate: 1-Chlorooctane	68.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.5	% 49.1-14	8						

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Celey & Keene



#### Analytical Results For:

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

Fax To:

Received: 09/16/2024 Sampling Date: 09/16/2024

Reported: 09/19/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 73 @ 4' (H245621-14)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.04	102	2.00	2.40	
Toluene*	<0.050	0.050	09/17/2024	9/17/2024 ND		95.7	2.00	2.59	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	1.93	96.4 2.00		2.47	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	5.72	95.4	6.00	2.68	
Total BTEX	<0.300	0.300	09/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Analyte Result Reporting Limi		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/18/2024	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	204	102	200	0.238	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	202	101	200	5.70	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					
Surrogate: 1-Chlorooctane	61.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	64.5	% 49.1-14	8						

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Celey D. Kreine



#### Analytical Results For:

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

Analyzed By: JH

09/16/2024 09/19/2024

Project Name: PAVO FRIO FLOW LINE

Project Number: 20984

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

Sampling Date: 09/16/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

#### Sample ID: EW 8 (H245621-15)

Received:

Reported:

BTEX 8021B

DILX GOZID	11197	- Kg	Analyzea by: 511						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.04	102	2.00	2.40	
Toluene*	<0.050	0.050	09/17/2024	ND	1.91	95.7	2.00	2.59	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	1.93	96.4	2.00	2.47	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	5.72	95.4	6.00	2.68	
Total BTEX	<0.300 0.300		09/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/18/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	202	101	200	0.818	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	207	103	200	0.100	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					
Surrogate: 1-Chlorooctane	82.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.2	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 09/16/2024 Sampling Date: 09/16/2024

Reported: 09/19/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: WW 8 (H245621-16)

BTEX 8021B

	9,	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.04	102	2.00	2.40	
Toluene*	<0.050	0.050	09/17/2024	7/2024 ND		95.7	2.00	2.59	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	1.93	96.4	2.00	2.47	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	5.72	95.4	6.00	2.68	
Total BTEX	<0.300	0.300	09/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/18/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	202	101	200	0.818	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	207	103	200	0.100	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					
Surrogate: 1-Chlorooctane	82.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.3	% 49.1-14	8						

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#### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below  $6^{\circ}\text{C}$ 

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

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

Page 1 of 2

Company Name	e: Etech Environmental & Safety Solution	ons,	Inc.						BI	LL TO					ANALYSIS	REQUEST	
Project Manage	er: Lance Crenshaw						P.0	0. #:									
Address: 26	17 West Marland						Co	mpar	ıy:	Mewb	oume	1					
City: Hobbs	State: NM	Zip		88240	)		Att	tn:		Connor Wal	ker				1 1		
	75) 264-9884 Fax #:						Ad	dress	s:			1					
Project #: 20	984 Project Owner			Mewbo	ıme		Cit	ty:				1	-	m l			
	Pavo Frio Flow Line						Sta	ate:		Zip:		e	(8015M)	(8021B)			
-	n: 32.744072, -104.115361						Ph	one #				F	801	8			
Sampler Name:								x #:				Chloride	I	×	1 1		
FOR LAB USE ONLY			Г		MATE	RIX		PRES	SERV.	SAMP	LING	10	TPH	втех			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	ТІМЕ						
1	FL 60 @ 5'	С	1		Х			1	X	9/16/24		Х	X	X			
3	FL 61 @ 4'	С	1		Х			1	X	9/16/24		Х	Х	X			
3	FL 62 @ 3'	С	1		Х			1	X	9/16/24		Х	X	Х			
4	FL 63 @ 3'	С	1		Х			1	X	9/16/24		Х	X	X			
5	FL 64 @ 4'	С	1		Х				X	9/16/24		X	X	X			
6	FL 65 @ 4'	С	1		Х				X	9/16/24		X	X	X			
7	FL 66 @ 4'	С	1		Х			1	X	9/16/24		Х	Х	X			
8	FL 67 @ 4'	С	1		Х			1	X	9/16/24		Х	X	X			
9	FL 68 @ 4'	С	1		X			1	X	9/16/24		Х	X	X			
10	FL 69 @ 4'	C	1		Х				X	9/16/24		X	X	X			

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Relinquished By:	Date: 0-10-24 Time:	Received By:		Verbal Result: Ye All Results are emailed	. Please provi	de Ema	I Phone #: ail address: techenv.com
Relinguished By:	Date:	Received By:		REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C	Goot mast	CHECKED BY: (Initials)	Turnaround Time: Thermometer ID #140 Correction Factor -0.6°C	Standard Rush	X	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C



101 East Marland, Hobbs, NM 88240

Company Name	e: Etech Environmental & Safety Soluti	ons,	Inc.				- 8		BI	LL TO					ANALYSIS	REQUEST	
Project Manage	er: Lance Crenshaw						P	.0.#								- 1-1	
Address: 26	17 West Marland						c	omp	any:	Mewb	ourne	1					
City: Hobbs	State: NM	Zip	);	8824	0		A	ttn:		Connor Wa	lker						
Phone #: (57	75) 264-9884 Fax #:						A	ddre	ss:								
Project #: 209	984 Project Owner		- 1	Mewbo	ourne		c	ity:					=	<u>@</u>			1 1 1
Project Name:	Pavo Frio Flow Line						s	tate:		Zip:		de	TPH (8015M)	(8021B)			
Project Locatio	n: 32.744072, -104.115361						P	hone	#:			Chloride	80	8			
Sampler Name:	Patrick Muniez						F	ax #:				등	I	втех			1 1 1
FOR LAB USE ONLY				-	MAT	RIX		PR	ESERV.	SAMP	LING		1	E I			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	ACID/BASE:	ICE / COOL C	DATE	TIME						
11	FL 70 @ 3'	C	1		X				Х	9/16/24		Х	Х	X			
12	FL 71 @ 3'	C	1		Х				Х	9/16/24		Х	X	X			
13	FL 72 @ 3'	С	1		Х				X	9/16/24		Х	Х	X			
14	FL 73 @ 4'	С	1		Х				Х	9/16/24		Х	X	X			$\perp$
15	EW 8	С	1		X				X	9/16/24		X	X	X			
10	WW 8	С	1	H	Х	-	+	-	X	9/16/24		Х	X	X			
		t															
		H				-	+										

service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

Relinquis/Yed By/	Date: 1624	Received By:		Verbal Result: Ye All Results are emailed	. Please provi	de Ema	I Phone #: ail address: techenv.com
Relinquished By:	Date: Time:	Received By:		REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C	Cool Intact	CHECKED BY: (Initials)	Turnaround Time: Thermometer ID #140 Correction Factor -0.6°C	Standard Rush		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C

FORM-006 R 3.5 08/05/24



September 20, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: PAVO FRIO FLOW LINE

Enclosed are the results of analyses for samples received by the laboratory on 09/17/24 14:43.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

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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,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

Analyzed By: JH

Received: 09/17/2024 Reported: 09/20/2024

Project Name: PAVO FRIO FLOW LINE

Project Number: 20984

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

Sampling Date: 09/17/2024

Sampling Type: Soil

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

Sample ID: FL 74 1' (H245646-01)

BTEX 8021B

BIEX GOEED	9/	119	Andryzo	u 2 y : 3 : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/18/2024	ND	2.21	111	2.00	4.98	
Toluene*	<0.050	0.050	09/18/2024	ND	2.29	115	2.00	4.18	
Ethylbenzene*	<0.050	0.050	09/18/2024	ND	2.32	116	2.00	2.80	
Total Xylenes*	<0.150	0.150	09/18/2024	ND	6.97	116	6.00	2.34	
Total BTEX	<0.300	0.300	09/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/18/2024	ND	416	104	400	8.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2024	ND	187	93.6	200	0.186	
DRO >C10-C28*	<10.0	10.0	09/18/2024	ND	198	99.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	09/18/2024	ND					
Surrogate: 1-Chlorooctane	73.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.2	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 09/17/2024 Sampling Date: 09/17/2024

Reported: 09/20/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20984 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 75 1' (H245646-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.32	116	2.00	1.55	
Toluene*	<0.050	0.050	09/19/2024	ND	2.17	108	2.00	0.0965	
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.19	110	2.00	1.44	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.59	110	6.00	1.22	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	09/18/2024	ND	416	104	400	8.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2024	ND	187	93.6	200	0.186	
DRO >C10-C28*	<10.0	10.0	09/18/2024	ND	198	99.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	09/18/2024	ND					
Surrogate: 1-Chlorooctane	75.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.5	% 49.1-14	8						

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09/17/2024

#### Analytical Results For:

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

Received: 09/17/2024 Sampling Date:

Reported: 09/20/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20984 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 76 1' (H245646-03)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.32	116	2.00	1.55	
Toluene*	<0.050	0.050	09/19/2024	ND	2.17	108	2.00	0.0965	
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.19	110	2.00	1.44	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.59	110	6.00	1.22	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/18/2024	ND	416	104	400	8.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2024	ND	187	93.6	200	0.186	
DRO >C10-C28*	<10.0	10.0	09/18/2024	ND	198	99.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	09/18/2024	ND					
Surrogate: 1-Chlorooctane	74.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.0	% 49.1-14	8						

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#### Analytical Results For:

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

Analyzed By: JH

Sampling Date:

09/17/2024

Reported:

09/17/2024 09/20/2024

Sampling Type:

Soil

Project Name:

Received:

BTEX 8021B

PAVO FRIO FLOW LINE

mg/kg

Sampling Condition:

Cool & Intact

Project Number:

20984

Sample Received By:

Shalyn Rodriguez

Project Location:

MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 77 2' (H245646-04)

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.32	116	2.00	1.55	
Toluene*	<0.050	0.050	09/19/2024	ND	2.17	108	2.00	0.0965	
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.19	110	2.00	1.44	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.59	110	6.00	1.22	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/18/2024	ND	416	104	400	8.00	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2024	ND	187	93.6	200	0.186	
DRO >C10-C28*	<10.0	10.0	09/18/2024	ND	198	99.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	09/18/2024	ND					
Surrogate: 1-Chlorooctane	72.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.7	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/17/2024 Sampling Date: 09/17/2024

Reported: 09/20/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 78 1' (H245646-05)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.32	116	2.00	1.55	
Toluene*	<0.050	0.050	09/19/2024	ND	2.17	108	2.00	0.0965	
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.19	110	2.00	1.44	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.59	110	6.00	1.22	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/18/2024	ND	416	104	400	8.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2024	ND	187	93.6	200	0.186	
DRO >C10-C28*	<10.0	10.0	09/18/2024	ND	198	99.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	09/18/2024	ND					
Surrogate: 1-Chlorooctane	73.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.1	% 49.1-14	8						

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#### Analytical Results For:

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

09/17/2024 Reported: 09/20/2024

Project Name: PAVO FRIO FLOW LINE

Project Number: 20984

Project Location: MEWBOURNE 32.744072,-104.115361 Sampling Date: 09/17/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shalyn Rodriguez

#### Sample ID: FL 79 2' (H245646-06)

Received:

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	09/19/2024	ND	1.99	99.3	2.00	2.00	
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.02	101	2.00	1.80	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.01	100	6.00	1.70	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1730	16.0	09/18/2024	ND	416	104	400	8.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2024	ND	187	93.6	200	0.186	
DRO >C10-C28*	23.8	10.0	09/18/2024	ND	198	99.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	09/18/2024	ND					
Surrogate: 1-Chlorooctane	76.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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#### Analytical Results For:

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

Reported: 09/20/2024

Project Name: PAVO FRIO FLOW LINE

Project Number: 20984

Project Location: MEWBOURNE 32.744072,-104.115361

09/17/2024

Sampling Date: 09/17/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shalyn Rodriguez

#### Sample ID: FL 80 2' (H245646-07)

Received:

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.10	105	2.00	2.76	
Toluene*	< 0.050	0.050	09/19/2024	ND	1.99	99.3	2.00	2.00	
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.02	101	2.00	1.80	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.01	100	6.00	1.70	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	09/18/2024	ND	416	104	400	8.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2024	ND	187	93.6	200	0.186	
DRO >C10-C28*	<10.0	10.0	09/18/2024	ND	198	99.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	09/18/2024	ND					
Surrogate: 1-Chlorooctane	77.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.0	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 09/17/2024 Sampling Date: 09/17/2024

Reported: 09/20/2024 Sampling Type: Soil Project Name: PAVO FRIO FLOW LINE Sampling Condition: Coo

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 81 1' (H245646-08)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	09/19/2024	ND	1.99	99.3	2.00	2.00	
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.02	101	2.00	1.80	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.01	100	6.00	1.70	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	09/18/2024	ND	416	104	400	8.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2024	ND	187	93.6	200	0.186	
DRO >C10-C28*	<10.0	10.0	09/18/2024	ND	198	99.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	09/18/2024	ND					
Surrogate: 1-Chlorooctane	64.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.4	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 09/17/2024 Sampling Date: 09/17/2024

Reported: 09/20/2024 Sampling Type: Soil Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact

Shalyn Rodriguez Project Number: 20984 Sample Received By:

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 82 2' (H245646-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	09/19/2024	ND	1.99	99.3	2.00	2.00	
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.02	101	2.00	1.80	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.01	100	6.00	1.70	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/18/2024	ND	416	104	400	8.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2024	ND	187	93.6	200	0.186	
DRO >C10-C28*	<10.0	10.0	09/18/2024	ND	198	99.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	09/18/2024	ND					
Surrogate: 1-Chlorooctane	74.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.0	% 49.1-14	8						

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#### Analytical Results For:

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

Fax

Received: 09/17/2024 Sampling Date: 09/17/2024

Reported: 09/20/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 83 2' (H245646-10)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	09/19/2024	ND	1.99	99.3	2.00	2.00	
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.02	101	2.00	1.80	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.01	100	6.00	1.70	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.4 % 71.5-13		4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/18/2024	ND	416	104	400	8.00	
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	09/18/2024	ND	187	93.6	200	0.186	
DRO >C10-C28*	<10.0	10.0	09/18/2024	ND	198	99.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	09/18/2024	ND					
Surrogate: 1-Chlorooctane	73.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.8	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/17/2024 Sampling Date: 09/17/2024

Reported: 09/20/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 84 2' (H245646-11)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	09/19/2024	ND	1.99	99.3	2.00	2.00	
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.02	101	2.00	1.80	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.01	100	6.00	1.70	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	09/18/2024	ND	416	104	400	8.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2024	ND	187	93.6	200	0.186	
DRO >C10-C28*	<10.0	10.0	09/18/2024	ND	198	99.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	09/18/2024	ND					
Surrogate: 1-Chlorooctane	83.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Me Sough



#### Analytical Results For:

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

Fax To:

Received: 09/17/2024 Sampling Date: 09/17/2024

Reported: 09/20/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 85 3' (H245646-12)

BTEX 8021B

DILX GOZID	11197	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.10	105	2.00	2.76	
Toluene*	< 0.050	0.050	09/19/2024	ND	1.99	99.3	2.00	2.00	
Ethylbenzene*	< 0.050	0.050	09/19/2024	ND	2.02	101	2.00	1.80	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.01	100	6.00	1.70	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/18/2024	ND	416	104	400	8.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2024	ND	187	93.6	200	0.186	
DRO >C10-C28*	<10.0	10.0	09/18/2024	ND	198	99.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	09/18/2024	ND					
Surrogate: 1-Chlorooctane	85.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 49.1-14	8						

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Me Sough



#### Analytical Results For:

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

Received: 09/17/2024 Sampling Date: 09/17/2024

Reported: 09/20/2024 Sampling Type: Soil
Project Name: PAVO FRIO FLOW LINE Sampling Condition: Coo

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 86 3' (H245646-13)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	09/19/2024	ND	1.99	99.3	2.00	2.00	
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.02	101	2.00	1.80	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.01	100	6.00	1.70	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/18/2024	ND	416	104	400	8.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2024	ND	187	93.6	200	0.186	
DRO >C10-C28*	<10.0	10.0	09/18/2024	ND	198	99.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	09/18/2024	ND					
Surrogate: 1-Chlorooctane	74.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.2	% 49.1-14	8						

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Mile Sough



#### Analytical Results For:

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

Received: 09/17/2024 Sampling Date: 09/17/2024

Reported: 09/20/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 87 5' (H245646-14)

BTEX 8021B

DILX OUZID	mg/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	09/19/2024	ND	1.99	99.3	2.00	2.00	
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.02	101	2.00	1.80	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.01	100	6.00	1.70	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	09/18/2024	ND	416	104	400	8.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2024	ND	187	93.6	200	0.186	
DRO >C10-C28*	<10.0	10.0	09/18/2024	ND	198	99.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	09/18/2024	ND					
Surrogate: 1-Chlorooctane	75.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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#### Analytical Results For:

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

09/17/2024 Reported: 09/20/2024

Project Name: PAVO FRIO FLOW LINE

Project Number: 20984

Project Location: MEWBOURNE 32.744072,-104.115361 Sampling Date: 09/17/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shalyn Rodriguez

#### Sample ID: FL 88 6' (H245646-15)

Received:

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	09/19/2024	ND	1.99	99.3	2.00	2.00	
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.02	101	2.00	1.80	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.01	100	6.00	1.70	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	09/18/2024	ND	416	104	400	8.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2024	ND	187	93.6	200	0.186	
DRO >C10-C28*	<10.0	10.0	09/18/2024	ND	198	99.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	09/18/2024	ND					
Surrogate: 1-Chlorooctane	71.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.8	% 49.1-14	8						

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wite South



Sample Received By:

09/17/2024

Shalyn Rodriguez

#### Analytical Results For:

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

Analyzed By: JH

Received: 09/17/2024 Sampling Date:

Reported: 09/20/2024 Sampling Type: Soil
Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact

Project Number: 20984

mg/kg

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: NW 1 (H245646-16)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	09/19/2024	ND	1.99	99.3	2.00	2.00	
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.02	101	2.00	1.80	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.01	100	6.00	1.70	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/18/2024	ND	416	104	400	8.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2024	ND	187	93.6	200	0.186	
DRO >C10-C28*	<10.0	10.0	09/18/2024	ND	198	99.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	09/18/2024	ND					
Surrogate: 1-Chlorooctane	66.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.9	% 49.1-14	8						

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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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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Company Name: Etech Environmental & Safety Solutions, Inc.

Page 1 of 2

Page 19 of 20

Project Manag	er: Lance Crenshaw								ILL IL	,				A	NALYS	IS RE	QUES	Т		
							P.O	). #:			Т						T	Ť		
ddress: 26	17 West Marland						Cor	npany:	Me	wbourne	1				- 1					
ty: Hobbs	State: NM	Zi	p:	88240			Attr	1:	Connor V	Valker	1							1		
none #: (57	75) 264-9884 Fax #:						Add	ress:				1								
oject #: 20	984 Project Owne	r:		Mewbou	rne		City	:			1	_								
oject Name:	Pavo Frio Flow Line						Stat		Zip:			N	1 8							
oject Locatio	n: 32.744072, -104.115361							ne #:	Lip.		Chloride	TPH (8015M)	(8021B)							
ampler Name:	Patrick Muniez						Fax				1 을	8	=		- 1					
OR LAB USE ONLY		T	T	N.	MATRI			PRESERV	. SAI	MPLING	10	표	BTEX							
Lab I.D.		(G)RAB OR (C)OMP.	IŽ	GROUNDWATER	SOIL	SLUDGE	OTHER:	ICE / COOL OTHER:	DATE	TIME		-	in l							
	FL 74 @ 1'	С	1		X		T	X	9/17/24		х	Х	х			+			-	$\rightarrow$
3	FL 75 @ 1'	С	1		X			X	9/17/24		х	х	x			-			-	-
3	FL 76 @ 1'	С	1		X			X	9/17/24		х	Х	X		1	+			-	-
4	FL 77 @ 2'	С	1		X			X	9/17/24		х	X	X	-		+			-	-
	FL 78 @ 1'	С	1		X			X	9/17/24		х	X	X	-		+			-	-
4	FL 79 @ 2'	С	1		X			X	9/17/24		x	X	x		_	-		-	-	-+
7	FL 80 @ 2'	С	1	)	X			X	9/17/24		X	X	x	-	_	-		-	-	-
	FL 81 @ 1'	С	1	)	X			X	9/17/24		X	X	x	-	-	+			-	-
	FL 82 @ 2'	С	1	)	(			X	9/17/24		x	X	X	-	+	1			-	-
(0	FL 83 @ 2'  d Damages. Cardinal's liability and client's exclusive remedy for any g those for negligence and any other cause whatenever shall be done	С	1	)	(			v	0/47/04		X	X	X			1		-	-	-
nquished By nquished By ivered By: (Cir	Time: 1443 Date: Time: Observed Temp. °C	Rec	ceiv	ss of whether seed By:  ed By:  ed By:  Sample Cool	U(	dition	d upor	checking the same of the same	ED BY:	Turnaround	ult: are em		Please pr	ovide En	Bacte	ss: .com	) Sample	o Condition	ion	
	Corrected Temp. °C ( 006 R 3.5 08/05/24 † Care		16	☐ Ye	s []	Yes		8)	1	Thermometer Correction Fa	ID #14	10	Nu3/1	П	Cool	Intact s   Yes	Obs	erved T	emp. °C	



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	Laboratorie 101 East Marland, Hobbs, NM 88, (575) 393-2326 FAX (575) 393-2	240 476																				
Company Nan	and a during dollar	ions	Inc						В	ILL TO						ANA	ALYS	S RF	QUES	ET.	Page 2	of 2
Project Manag	ger: Lance Crenshaw						P.	0. #:								1	1	T	QUES	1	Т	-
Line Trans	617 West Marland						C	ompa	iny:	Mew	bourne	1										- 1
City: Hobbs	Otate. My	Zi	o:	8824	10		At	tn:		Connor W	alker	1					1					
Phone #: (5	75) 264-9884 Fax #:						A	ddres	s:			1				1						
Project #: 20	984 Project Owne	r:		Mewb	ourne		Ci	ty:				1	_	=		1				1		
Project Name:	Pavo Frio Flow Line						St	ate:		Zip:		0	TPH (8015M)	(8021B)								
Project Location	on: 32.744072, -104.115361						PH	one	#:			1 2	2	803								
Sampler Name	: Patrick Muniez						Fa	x #:				Chloride	8	×								
FOR LAB USE ONLY		L	Γ		MAT	RIX			SERV.	SAM	PLING	10	1	BTEX			1			1		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME											
11	FL 84 @ 2'	С	1		X	0 0	0		X	9/17/24	TIME	Х	~	v			-	+	-	-		_
12	FL 85 @ 3'	С	1		X				X	9/17/24		X	X	X			-	-	-	-	-	-
13	FL 86 @ 3'	С	1		X				X	9/17/24		x	X	x		-	+	-	-		-	
14	FL 87 @ 5'	С	1	1	X				(	9/17/24		X	X	X			1	1			-	+
15	FL 88 @ 6'	С	1		X			1	(	9/17/24		х	X	X							-	_
10	NW 1	С	1		Х			)	(	9/17/24		х	X	X			1				-	+
			Ц																			-
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LEASE NOTE: Liability a	and Damages. Cardinal's liability and client's exclusive remedy for any ing those for negligence and any other cause whatsoniver shall be de-	alaia																				_
ervice. In no event shall C	Cardinal be liable for incidental or consequental demanes, inclusion w	Shout Se	IN DOWN	mess mad	e to work	g and re	peviec	by Card	nal within	30 days after cor	mpletion of the ap	plicable										
Relinquished By	or out of or related to the performance of services hereunder by Carr  Sate:  Time:  1443	erial, 10	al ules	ed By:	er such d	daim is b	ased u	pon any	of the abo	ive stated reason	verbal Res	ult:	☐ Yes ailed. F	□ I Please p	rovide	Email	Phone # addres	ss:				
telinquished By	Date:	Rec	eive	ed By:			1			9	REMARKS											
Delivered By: (Ci	The state of the s	0.0	3. 7 E	Coo	ple Co I Int Yes [ No [	Yes	n		(Initia	ils)	Turnaround Thermometer Correction Fa	ID #14	0 F	Standa Rush			Cool	ria (only) Intact I Yes		served T	tion emp. °C	



September 23, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: PAVO FRIO FLOW LINE

Enclosed are the results of analyses for samples received by the laboratory on 09/18/24 14:41.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Fax To:

Received: 09/18/2024 Sampling Date: 09/18/2024 Soil

Reported: 09/23/2024 Sampling Type: Project Name: PAVO FRIO FLOW LINE Sampling Condition:

Cool & Intact Project Number: 20984 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 3 @ 5' (H245683-01)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.21	110	2.00	4.35	
Toluene*	<0.050	0.050	09/19/2024	ND	2.26	113	2.00	3.98	
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.28	114	2.00	4.12	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.93	115	6.00	3.44	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/19/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/19/2024	ND	190	95.2	200	0.671	
DRO >C10-C28*	<10.0	10.0	09/19/2024	ND	196	97.8	200	0.232	
EXT DRO >C28-C36	<10.0	10.0	09/19/2024	ND					
Surrogate: 1-Chlorooctane	77.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.7	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Received: 09/18/2024 Sampling Date: 09/18/2024

Reported: 09/23/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 20984 Shalyn Rodriguez

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 20 @ 7' (H245683-02)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.21	110	2.00	4.35	
Toluene*	<0.050	0.050	09/19/2024	ND	2.26	113	2.00	3.98	
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.28	114	2.00	4.12	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.93	115	6.00	3.44	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/19/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/19/2024	ND	190	95.2	200	0.671	
DRO >C10-C28*	<10.0	10.0	09/19/2024	ND	196	97.8	200	0.232	
EXT DRO >C28-C36	<10.0	10.0	09/19/2024	ND					
Surrogate: 1-Chlorooctane	84.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 09/18/2024 Sampling Date: 09/18/2024

Reported: 09/23/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 23 @ 6' (H245683-03)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.21	110	2.00	4.35	
Toluene*	<0.050	0.050	09/19/2024	ND	2.26	113	2.00	3.98	
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.28	114	2.00	4.12	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.93	115	6.00	3.44	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	09/19/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/19/2024	ND	190	95.2	200	0.671	
DRO >C10-C28*	<10.0	10.0	09/19/2024	ND	196	97.8	200	0.232	
EXT DRO >C28-C36	<10.0	10.0	09/19/2024	ND					
Surrogate: 1-Chlorooctane	84.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 09/18/2024 Sampling Date: 09/18/2024

Reported: 09/23/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 35 @ 7' (H245683-04)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.21	110	2.00	4.35	
Toluene*	<0.050	0.050	09/19/2024	ND	2.26	113	2.00	3.98	
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.28	114	2.00	4.12	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.93	115	6.00	3.44	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	09/19/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/19/2024	ND	190	95.2	200	0.671	
DRO >C10-C28*	<10.0	10.0	09/19/2024	ND	196	97.8	200	0.232	
EXT DRO >C28-C36	<10.0	10.0	09/19/2024	ND					
Surrogate: 1-Chlorooctane	82.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celey D. Kreine



#### Analytical Results For:

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

Fax To:

Received: 09/18/2024 Sampling Date: 09/18/2024

Reported: 09/23/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 42 @ 4' (H245683-05)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.21	110	2.00	4.35	
Toluene*	<0.050	0.050	09/19/2024	ND	2.26	113	2.00	3.98	
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.28	114	2.00	4.12	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.93	115	6.00	3.44	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/19/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/19/2024	ND	190	95.2	200	0.671	
DRO >C10-C28*	<10.0	10.0	09/19/2024	ND	196	97.8	200	0.232	
EXT DRO >C28-C36	<10.0	10.0	09/19/2024	ND					
Surrogate: 1-Chlorooctane	81.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 09/18/2024 Sampling Date: 09/18/2024

Reported: 09/23/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 89 @ 6' (H245683-06)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.21	110	2.00	4.35	
Toluene*	<0.050	0.050	09/19/2024	ND	2.26	113	2.00	3.98	
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.28	114	2.00	4.12	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.93	115	6.00	3.44	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	09/19/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/19/2024	ND	190	95.2	200	0.671	
DRO >C10-C28*	<10.0	10.0	09/19/2024	ND	196	97.8	200	0.232	
EXT DRO >C28-C36	<10.0	10.0	09/19/2024	ND					
Surrogate: 1-Chlorooctane	82.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/18/2024 Sampling Date: 09/18/2024

Reported: 09/23/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 90 @ 6' (H245683-07)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.21	110	2.00	4.35	
Toluene*	<0.050	0.050	09/19/2024	ND	2.26	113	2.00	3.98	
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.28	114	2.00	4.12	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.93	115	6.00	3.44	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	09/19/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/19/2024	ND	190	95.2	200	0.671	
DRO >C10-C28*	<10.0	10.0	09/19/2024	ND	196	97.8	200	0.232	
EXT DRO >C28-C36	<10.0	10.0	09/19/2024	ND					
Surrogate: 1-Chlorooctane	85.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

09/18/2024 Reported: 09/23/2024

Project Name: PAVO FRIO FLOW LINE

Project Number: 20984

Project Location: MEWBOURNE 32.744072,-104.115361 Sampling Date: 09/18/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shalyn Rodriguez

#### Sample ID: FL 91 @ 6' (H245683-08)

Received:

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.15	107	2.00	2.84	
Toluene*	<0.050	0.050	09/19/2024	ND	2.07	103	2.00	3.37	
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.13	107	2.00	4.21	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.38	106	6.00	4.23	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	09/19/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/19/2024	ND	190	95.2	200	0.671	
DRO >C10-C28*	<10.0	10.0	09/19/2024	ND	196	97.8	200	0.232	
EXT DRO >C28-C36	<10.0	10.0	09/19/2024	ND					
Surrogate: 1-Chlorooctane	88.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Received: 09/18/2024 Sampling Date: 09/18/2024

Reported: 09/23/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 92 @ 6' (H245683-09)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.15	107	2.00	2.84	
Toluene*	<0.050	0.050	09/19/2024	ND	2.07	103	2.00	3.37	
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.13	107	2.00	4.21	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.38	106	6.00	4.23	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	09/19/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/19/2024	ND	190	95.2	200	0.671	
DRO >C10-C28*	<10.0	10.0	09/19/2024	ND	196	97.8	200	0.232	
EXT DRO >C28-C36	<10.0	10.0	09/19/2024	ND					
Surrogate: 1-Chlorooctane	80.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 09/18/2024 Sampling Date: 09/18/2024

Reported: 09/23/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 93 @ 6' (H245683-10)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.15	107	2.00	2.84	
Toluene*	<0.050	0.050	09/19/2024	ND	2.07	103	2.00	3.37	
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.13	107	2.00	4.21	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.38	106	6.00	4.23	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	09/19/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/19/2024	ND	190	95.2	200	0.671	
DRO >C10-C28*	<10.0	10.0	09/19/2024	ND	196	97.8	200	0.232	
EXT DRO >C28-C36	<10.0	10.0	09/19/2024	ND					
Surrogate: 1-Chlorooctane	77.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/18/2024 Sampling Date: 09/18/2024

Reported: 09/23/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 94 @ 7' (H245683-11)

RTFY 8021R

Result < 0.050	Reporting Limit 0.050	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	0.050				70 Recovery	True value QC	KPD	Qualiner
<0.050		09/19/2024	ND	2.15	107	2.00	2.84	
10.000	0.050	09/19/2024	ND	2.07	103	2.00	3.37	
<0.050	0.050	09/19/2024	ND	2.13	107	2.00	4.21	
<0.150	0.150	09/19/2024	ND	6.38	106	6.00	4.23	
<0.300	0.300	09/19/2024	ND					
100 9	% 71.5-13	4						
mg/	/kg	Analyze	d By: HM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
48.0	16.0	09/19/2024	ND	416	104	400	3.77	
mg/	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	09/19/2024	ND	190	95.2	200	0.671	
<10.0	10.0	09/19/2024	ND	196	97.8	200	0.232	
<10.0	10.0	09/19/2024	ND					
71.4	% 48.2-13	4						
92.2	% 49.1-14	8						
	<0.150 <0.300  100 9  mg/ Result 48.0  mg/  Result <10.0 <10.0 <10.0	<0.050 0.050 <0.150 0.150 <0.300 0.300  100	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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Celey D. Keine



Shalyn Rodriguez

Sample Received By:

#### Analytical Results For:

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

09/18/2024 Sampling Date: 09/18/2024 Reported: 09/23/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact

Project Number: 20984

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 95 @ 6' (H245683-12)

Received:

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.15	107	2.00	2.84	
Toluene*	<0.050	0.050	09/19/2024	ND	2.07	103	2.00	3.37	
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.13	107	2.00	4.21	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.38	106	6.00	4.23	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/19/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/19/2024	ND	207	104	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/19/2024	ND	200	99.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	09/19/2024	ND					
Surrogate: 1-Chlorooctane	87.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.7	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Received: 09/18/2024 Sampling Date: 09/18/2024

Reported: 09/23/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 96 @ 6' (H245683-13)

RTFY 8021R

B1EX 8021B	mg/	кg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/19/2024	ND	2.15	107	2.00	2.84	
Toluene*	<0.050	0.050	09/19/2024	ND	2.07	103	2.00	3.37	
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.13	107	2.00	4.21	
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.38	106	6.00	4.23	
Total BTEX	<0.300	0.300	09/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/19/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/19/2024	ND	207	104	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/19/2024	ND	200	99.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	09/19/2024	ND					
Surrogate: 1-Chlorooctane	82.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.1	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 09/18/2024 Sampling Date: 09/18/2024

Reported: 09/23/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 97 @ 6' (H245683-14)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2024	ND	2.15	107	2.00	2.84	
Toluene*	<0.050	0.050	09/20/2024	ND	2.07	103	2.00	3.37	
Ethylbenzene*	<0.050	0.050	09/20/2024	ND	2.13	107	2.00	4.21	
Total Xylenes*	<0.150	0.150	09/20/2024	ND	6.38	106	6.00	4.23	
Total BTEX	<0.300	0.300	09/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	09/19/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/19/2024	ND	207	104	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/19/2024	ND	200	99.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	09/19/2024	ND					
Surrogate: 1-Chlorooctane	80.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.2	% 49.1-14	8						

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Celey & Keene



#### Analytical Results For:

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

Fax To:

Received: 09/18/2024 Sampling Date: 09/18/2024

Reported: 09/23/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 98 @ 6' (H245683-15)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2024	ND	2.15	107	2.00	2.84	
Toluene*	<0.050	0.050	09/20/2024	ND	2.07	103	2.00	3.37	
Ethylbenzene*	<0.050	0.050	09/20/2024	ND	2.13	107	2.00	4.21	
Total Xylenes*	<0.150	0.150	09/20/2024	ND	6.38	106	6.00	4.23	
Total BTEX	<0.300	0.300	09/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/20/2024	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/19/2024	ND	207	104	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/19/2024	ND	200	99.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	09/19/2024	ND					
Surrogate: 1-Chlorooctane	96.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 09/18/2024 Sampling Date: 09/18/2024

Reported: 09/23/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 99 @ 6' (H245683-16)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2024	ND	2.15	107	2.00	2.84	
Toluene*	<0.050	0.050	09/20/2024	ND	2.07	103	2.00	3.37	
Ethylbenzene*	<0.050	0.050	09/20/2024	ND	2.13	107	2.00	4.21	
Total Xylenes*	<0.150	0.150	09/20/2024	ND	6.38	106	6.00	4.23	
Total BTEX	<0.300	0.300	09/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/20/2024	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/19/2024	ND	207	104	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/19/2024	ND	200	99.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	09/19/2024	ND					
Surrogate: 1-Chlorooctane	89.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Received: 09/18/2024 Sampling Date: 09/18/2024

Reported: 09/23/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 100 @ 7' (H245683-17)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2024	ND	2.15	107	2.00	2.84	
Toluene*	<0.050	0.050	09/20/2024	ND	2.07	103	2.00	3.37	
Ethylbenzene*	<0.050	0.050	09/20/2024	ND	2.13	107	2.00	4.21	
Total Xylenes*	<0.150	0.150	09/20/2024	ND	6.38	106	6.00	4.23	
Total BTEX	<0.300	0.300	09/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/20/2024	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/19/2024	ND	207	104	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/19/2024	ND	200	99.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	09/19/2024	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Received: 09/18/2024 Sampling Date: 09/18/2024

Reported: 09/23/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: NW 2 (H245683-18)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2024	ND	2.15	107	2.00	2.84	
Toluene*	<0.050	0.050	09/20/2024	ND	2.07	103	2.00	3.37	
Ethylbenzene*	<0.050	0.050	09/20/2024	ND	2.13	107	2.00	4.21	
Total Xylenes*	<0.150	0.150	09/20/2024	ND	6.38	106	6.00	4.23	
Total BTEX	<0.300	0.300	09/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	09/20/2024	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/19/2024	ND	207	104	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/19/2024	ND	200	99.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	09/19/2024	ND					
Surrogate: 1-Chlorooctane	80.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.1	% 49.1-14	8						

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Celey & Keene



Sample Received By:

09/18/2024

Shalyn Rodriguez

### Analytical Results For:

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

Received: 09/18/2024 Sampling Date:

Reported: 09/23/2024 Sampling Type: Soil Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact

Project Number: 20984

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: NW 3 (H245683-19)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2024	ND	2.15	107	2.00	2.84	
Toluene*	<0.050	0.050	09/20/2024	ND	2.07	103	2.00	3.37	
Ethylbenzene*	<0.050	0.050	09/20/2024	ND	2.13	107	2.00	4.21	
Total Xylenes*	<0.150	0.150	09/20/2024	ND	6.38	106	6.00	4.23	
Total BTEX	<0.300	0.300	09/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/20/2024	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/19/2024	ND	207	104	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/19/2024	ND	200	99.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	09/19/2024	ND					
Surrogate: 1-Chlorooctane	76.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.9	% 49.1-14	8						

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Analyzed By: JH

Received: 09/18/2024

Sampling Date:

09/18/2024

Reported: Project Name: 09/23/2024

mg/kg

Sampling Type:

Soil

Project Name.

BTEX 8021B

PAVO FRIO FLOW LINE

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

Project Number: Project Location: 20984

MEWBOURNE 32.744072,-104.115361

Sample ID: SW 2 (H245683-20)

	<u> </u>			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2024	ND	2.15	107	2.00	2.84	
Toluene*	<0.050	0.050	09/20/2024	ND	2.07	103	2.00	3.37	
Ethylbenzene*	<0.050	0.050	09/20/2024	ND	2.13	107	2.00	4.21	
Total Xylenes*	<0.150	0.150	09/20/2024	ND	6.38	106	6.00	4.23	
Total BTEX	<0.300	0.300	09/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	09/20/2024	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/19/2024	ND	207	104	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/19/2024	ND	200	99.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	09/19/2024	ND					
Surrogate: 1-Chlorooctane	96.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Received: 09/18/2024

Reported: 09/23/2024 Sampling Type: Project Name: PAVO FRIO FLOW LINE

Project Number: 20984

Project Location: MEWBOURNE 32.744072,-104.115361 Sampling Date: 09/18/2024 Soil

Sample Received By:

Sampling Condition: Cool & Intact

Shalyn Rodriguez

#### Sample ID: SW 3 (H245683-21)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2024	ND	2.15	107	2.00	2.84	
Toluene*	<0.050	0.050	09/20/2024	ND	2.07	103	2.00	3.37	
Ethylbenzene*	<0.050	0.050	09/20/2024	ND	2.13	107	2.00	4.21	
Total Xylenes*	<0.150	0.150	09/20/2024	ND	6.38	106	6.00	4.23	
Total BTEX	<0.300	0.300	09/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/20/2024	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/19/2024	ND	207	104	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/19/2024	ND	200	99.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	09/19/2024	ND					
Surrogate: 1-Chlorooctane	69.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.0	% 49.1-14	8						

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Celey D. Keene



#### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

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26

Company Name:	(575) 393-2326 FAX (575) 393-24 Etech Environmental & Safety Soluti		nc.		_	E		BII	LL TO					ANAL	YSIS R	EQUEST	e 1 of 3	
Project Manager						F	.0.#:											
	7 West Marland						compa	any:	Mewbo	oume								
City: Hobbs	State: NM	Zip	8	38240		1	ttn:		Connor Wal	ker						- 1 1		
	5) 264-9884 Fax #:					1	ddre	ss:										
roject #: 209			М	lewbour	ne		City:					=	<u>@</u>					
	Pavo Frio Flow Line					5	State:		Zip:		9	58	12			1 1		
Project Location						F	hone	#:			Chloride	TPH (8015M)	(8021B)	- 1 - 1		1 1		
Sampler Name:	Patrick Muniez					F	ax #:				릇	I	ВТЕХ					
FOR LAB USE ONLY		T	П	M	ATRI	X	PR	ESERV.	SAMP	LING	1	F	E		1			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	ACID/BASE:	ICE / COOL OTHER:	DATE	TIME								
1	FL 3 @ 5'	С	1		Х			X	9/18/24		X	Х	Х					1
2	FL 20 @ 7'	С	1		X			X	9/18/24		Х	Х	X	_		_	_	+
	FL 23 @ 6'	С	1		X			Х	9/18/24		Х	X	X				1	+
4	FL 35 @ 7'	C	1		X	Н	1	X	9/18/24		Х	X	X	_	-	-	-	+
5	FL 42 @ 4'	С	1		X	1	_	X	9/18/24		X	X	X	-	-		-	+
6	FL 89 @ 6'	C	1		Х	$\square$	-	X	9/18/24		Х	X	X	-	-	-	-	+
7	FL 90 @ 6'	C	1		X	$\perp$	+	X	9/18/24		X	X	X	-		-	-	+
8	FL 91 @ 6'	C	1	-	Х		+	Х	9/18/24	-	X	X	X			-	+	+
9	FL 92 @ 6'	С	1	$\rightarrow$	X		-	X	9/18/24		X	X	X				+-	+
10	FL 93 @ 6' nd Damages. Cardinal's liability and client's exclusive remedy for	C	11		X			X	9/18/24		X	X	X					_

analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without fimitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

of sequires becaused by Cardinal repartless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Pate 34	Received By: Shodkigney	Verbal Result: ☐ Yes ☐ No Add'l Phone #:  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	Cool Intact (Initials)	Turnaround Time:  Standard Rush  Correction Factor -0.6°C  Standard Rush  Bacteria (only) Sample Condition  Cool Intact Observed Temp. °C  Yes Yes  No No Corrected Temp. °C

Received by OCD: 11/7/2025 3:01:04 PM

26



### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ompany Name	(575) 393-2326 FAX (575) 393-24 Etech Environmental & Safety Solut		nc.				18		BI	LL TO					ANALYSIS	REC	UEST		
roject Manage	r: Lance Crenshaw						P.C	). #:											
ddress: 261	7 West Marland						Co	mpan	y:	Mewbo	ourne	1							
ity: Hobbs	State: NM	Zip		88240	)		Att	n:		Connor Wal	ker				1 1				
	5) 264-9884 Fax #:						Ad	dress	:			1							
roject #: 209		r:	- 1	Newboo	urne		Cit	y:				1	=	m l					
	Pavo Frio Flow Line						Sta			Zip:		e e	51	211					
roject Location	tion: 32.744072, -104.115361  te: Patrick Muniez  M  G  M						Pho	one #				Chloride	TPH (8015M)	(8021B)					
ampler Name:	Name: Patrick Muniez  SE ONLY  MA					Fax	(#:				홋	I	X						
FOR LAB USE ONLY		T			MATE	RIX		PRES	ERV.	SAMP	LING	1	F	ВТЕХ					
Lab I.D.	Sample I.D.	(G)RAB OR (C)(	# CONTAINERS	GROUNDWATER	SOIL	OIL	OTHER:	ACID/BASE:	OTHER:	DATE	TIME								
11	FL 94 @ 7'	C	1		Х	4		)	(	9/18/24		Х	X	Х					
19	FL 95 @ 6'	C	1		Х	4		)	(	9/18/24		Х	Х	X			-		
13	FL 96 @ 6'	С	1	4	Х	4	1		X .	9/18/24		Х	X	X		-	$\vdash$	-	+-
14	FL 97 @ 6'	С	1		Х	+	+		X	9/18/24		X	X	X		-	-	-	+-
15	FL 98 @ 6'	С	1	+	X	+	+		X	9/18/24		X	X	X	-	$\vdash$	+	$\rightarrow$	-
16	FL 99 @ 6'	C	1		X	+	+		X	9/18/24		X	X	X					+
17	FL 100 @ 7'	C	1		X	+	+		X	9/18/24		X	X	X			1		+
18	NW 2	C	1		X	+	+		X	9/18/24		X	X	X					
19	NW 3 SW 2	c	1		X	+			X	9/18/24		1 x	x	x					
90	nd Damages. Cardinal's liability and client's exclusive remedy for			h-th-c-h			ar lad				the client for the		- /-						

Relinquished By:	Pate: 34 Time: 1441	Received By: Skodkigney	Verbal Result:
Relinquished By:	Date:	Received By:	REMARKS:
	Observed Temp. °C	7. Cool Intact (Initials)	Turnaround Time:  Standard Rush  Cool Intact Observed Temp. °C  Thermometer ID #140 Correction Factor -0.6°C  Standard Rush  Cool Intact Observed Temp. °C

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 8 (575) 393-2326 FAX (575) 393	88240	>																P	age 3 o	f 3
Company Name: Etech Environmental & Safety So	olutions,	, Inc.				-		BI	LL TO					A١	IALYS	IS RE	QUEST		J	
Project Manager: Lance Crenshaw						F	P.O. #													
Address: 2617 West Marland						c	omp	any:	Mev	vbourne										
ity: Hobbs State: N	M Zi	p:	882	40		A	ttn:		Connor W	/alker	1									
hone #: (575) 264-9884 Fax #:						A	ddre	ss:			1									
roject #: 20984 Project Ow	ner:		Mewb	ourn	е	C	ity:				1	ŝ	m							
roject Name: Pavo Frio Flow Line						S	tate:		Zip:		de	(8015M)	(8021B)							
roject Location: 32.744072, -104.115361						P	hone	#:			Chloride		8							
ampler Name: Patrick Muniez		_	_			_	ax #:			IPLING	12	TPH	ВТЕХ							
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP.	I	GROUNDWATER	SOIL	TRIX	SLUDGE	SE	ICE / COOL OTHER:	DATE	TIME		I	œ l							
<b>3</b>   SW 3	С	1		X				X	9/18/24		Х	X	X							
ASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy	for any claim	n arisin	g whether	r based i	in contra	act or tor	t, shall t	e limited to	the amount paid	by the client for th	e									
lyses. All claims including those for negligence and any other cause whatsoever shall cle. In no event shall Cardinal be liable for incidental or consequental damages, includes or successage arising out of or related to the performance of services hereunder to the performance of services whatsoever shall claim to expend the performance of services whatsoever shall claim to the performance of services here and the performance of services here are the performance of	be deemed ding without by Cardinal,	waived limitation regarding eceives	unless m on, busin ess of wh /ed B	ess interested v:	witing as muptions ch claim	nd receives, loss of	red by C use, or	ardinal with loss of profit	n 30 days after of s incurred by cli	completion of the a ent, its subsidiaries	sult:	☐ Yes		vide En	d'I Phone nail addre etechen	ess:				
delivered By: (Circle One)  Observed Temp.  Corrected Temp.	cq.1	12	Sample Condition Cool Intact Yes Yes No No					CHECK	ED BY:	Turnaroun Thermomete Correction F	er ID #1	140	Standard Rush		Cool	eria (oni Intact es   Ye No   N	Obs	e Condition served Terrected Te	mp. °C	



September 25, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: PAVO FRIO FLOW LINE

Enclosed are the results of analyses for samples received by the laboratory on 09/19/24 14:55.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



## Analytical Results For:

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

Received: 09/19/2024 Sampling Date: 09/19/2024

Reported: 09/25/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

## Sample ID: FL 101 @ 6' (H245725-01)

BTEX 8021B

	****91	9							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2024	ND	2.29	115	2.00	2.22	
Toluene*	<0.050	0.050	09/20/2024	ND	2.43	121	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/20/2024	ND	2.61	130	2.00	4.19	
Total Xylenes*	<0.150	0.150	09/20/2024	ND	7.85	131	6.00	4.09	
Total BTEX	<0.300	0.300	09/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/20/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2024	ND	190	95.1	200	1.99	
DRO >C10-C28*	<10.0	10.0	09/20/2024	ND	188	94.0	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	09/20/2024	ND					
Surrogate: 1-Chlorooctane	77.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.7	% 49.1-14	8						

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Celey D. Keene



## Analytical Results For:

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

Fax To:

Received: 09/19/2024 Sampling Date: 09/19/2024

Reported: 09/25/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 102 @ 6' (H245725-02)

RTFY 8021R

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050							
	0.050	09/20/2024	ND	2.29	115	2.00	2.22	
<0.050	0.050	09/20/2024	ND	2.43	121	2.00	4.15	
<0.050	0.050	09/20/2024	ND	2.61	130	2.00	4.19	
<0.150	0.150	09/20/2024	ND	7.85	131	6.00	4.09	
<0.300	0.300	09/20/2024	ND					
117 %	6 71.5-13-	4						
mg/	kg	Analyzed By: CT						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
144	16.0	09/20/2024	ND	432	108	400	3.77	
mg/	kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	09/20/2024	ND	190	95.1	200	1.99	
<10.0	10.0	09/20/2024	ND	188	94.0	200	1.72	
<10.0	10.0	09/20/2024	ND					
85.9 9	6 48.2-13-	4						
F <	mg/lesult 10.0 10.0 10.0 10.0	Result Reporting Limit (10.0 10.0 (10.0 10.0 (10.0 10.0 (10.0 10.0	144         16.0         09/20/2024           mg/kg         Analyze           Result         Reporting Limit         Analyzed           \$10.0         10.0         09/20/2024           \$10.0         10.0         09/20/2024           \$10.0         10.0         09/20/2024           \$10.0         10.0         09/20/2024	144         16.0         09/20/2024         ND           mg/kg         Analyzed By: MS           Result         Reporting Limit         Analyzed         Method Blank           \$10.0         10.0         09/20/2024         ND           \$10.0         10.0         09/20/2024         ND           \$10.0         10.0         09/20/2024         ND	144         16.0         09/20/2024         ND         432           mg/kg         Analyzed By: MS           Result         Reporting Limit         Analyzed         Method Blank         BS           \$10.0         10.0         09/20/2024         ND         190           \$10.0         10.0         09/20/2024         ND         188           \$10.0         10.0         09/20/2024         ND	1444     16.0     09/20/2024     ND     432     108       mg/kg     Analyzed By: MS       Result     Reporting Limit     Analyzed     Method Blank     BS     % Recovery       \$10.0     10.0     09/20/2024     ND     190     95.1       \$10.0     10.0     09/20/2024     ND     188     94.0       \$10.0     10.0     09/20/2024     ND	1444       16.0       09/20/2024       ND       432       108       400         mg/kg       Analyzed By: MS         Result       Reporting Limit       Analyzed       Method Blank       BS       % Recovery       True Value QC         \$10.0       10.0       09/20/2024       ND       190       95.1       200         \$10.0       10.0       09/20/2024       ND       188       94.0       200         \$10.0       10.0       09/20/2024       ND       ND       10.0	1444       16.0       09/20/2024       ND       432       108       400       3.77         mg/kg       Analyzed By: MS         Result       Reporting Limit       Analyzed       Method Blank       BS       % Recovery       True Value QC       RPD         \$10.0       10.0       09/20/2024       ND       190       95.1       200       1.99         \$10.0       10.0       09/20/2024       ND       188       94.0       200       1.72         \$10.0       10.0       09/20/2024       ND

Cardinal Laboratories \*=Accredited Analyte

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## Analytical Results For:

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

Received: 09/19/2024 Sampling Date: 09/19/2024

Reported: 09/25/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

## Sample ID: FL 103 @ 7' (H245725-03)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2024	ND	2.29	115	2.00	2.22	
Toluene*	<0.050	0.050	09/20/2024	ND	2.43	121	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/20/2024	ND	2.61	130	2.00	4.19	
Total Xylenes*	<0.150	0.150	09/20/2024	ND	7.85	131	6.00	4.09	
Total BTEX	<0.300	0.300	09/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/20/2024	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2024	ND	190	95.1	200	1.99	
DRO >C10-C28*	<10.0	10.0	09/20/2024	ND	188	94.0	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	09/20/2024	ND					
Surrogate: 1-Chlorooctane	82.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.2	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/19/2024 Sampling Date: 09/19/2024

Reported: 09/25/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 105 @ 6' (H245725-04)

RTFY 8021R

Result <0.050 <0.050 <0.050 <0.050 <0.150	Reporting Limit 0.050 0.050	Analyzed 09/20/2024 09/20/2024	Method Blank ND ND	BS 2.29	% Recovery	True Value QC 2.00	RPD 2.22	Qualifier
<0.050 <0.050	0.050	, ,			115	2.00	2.22	
<0.050		09/20/2024	ND					
	0.050		ND	2.43	121	2.00	4.15	
<0.150	0.050	09/20/2024	ND	2.61	130	2.00	4.19	
<b>\0.130</b>	0.150	09/20/2024	ND	7.85	131	6.00	4.09	
<0.300	0.300	09/20/2024	ND					
119	% 71.5-13	4						
mg	/kg	Analyzed By: CT						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
48.0	16.0	09/20/2024	ND	432	108	400	3.77	
mg	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	09/20/2024	ND	190	95.1	200	1.99	
<10.0	10.0	09/20/2024	ND	188	94.0	200	1.72	
	10.0	09/20/2024	ND					
<10.0		, -,						
<10.0 72.7								
_	Result 48.0 mg  Result <10.0 <10.0	mg/kg         Result       Reporting Limit         48.0       16.0         mg/kg         Result       Reporting Limit         <10.0       10.0         <10.0       10.0	mg/kg       Analyzed         Result       Reporting Limit       Analyzed         48.0       16.0       09/20/2024         mg/kg       Analyzed         Result       Reporting Limit       Analyzed         <10.0       10.0       09/20/2024         <10.0       09/20/2024	mg/kg       Analyzed By: CT         Result       Reporting Limit       Analyzed       Method Blank         48.0       16.0       09/20/2024       ND         mg/kg       Analyzed By: MS         Result       Reporting Limit       Analyzed       Method Blank         <10.0       10.0       09/20/2024       ND         <10.0       10.0       09/20/2024       ND	mg/ky       Analyzed By: CT         Result       Reporting Limit       Analyzed       Method Blank       BS         48.0       16.0       09/20/2024       ND       432         mg/ky       Analyzed By: MS         Result       Reporting Limit       Analyzed       Method Blank       BS         <10.0	mg/kg       Analyzed By: CT         Result       Reporting Limit       Analyzed       Method Blank       BS       % Recovery         48.0       16.0       09/20/2024       ND       432       108         mg/kg       Analyzed By: MS         Result       Reporting Limit       Analyzed       Method Blank       BS       % Recovery         <10.0	mg/ky       Analyzed By: CT         Result       Reporting Limit       Analyzed       Method Blank       BS       % Recovery       True Value QC         48.0       16.0       09/20/2024       ND       432       108       400         mg/ky       Analyzed By: MS         Result       Reporting Limit       Analyzed       Method Blank       BS       % Recovery       True Value QC         <10.0	mg/kg         Analyzed By: CT           Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           48.0         16.0         09/20/2024         ND         432         108         400         3.77           mg/kg         Analyzed By: MS           Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           <10.0

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## Analytical Results For:

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

Fax To:

Received: 09/19/2024 Sampling Date: 09/19/2024

Reported: 09/25/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: Sample Received By: Alyssa Parras 20984

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 106 @ 6' (H245725-05)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2024	ND	2.29	115	2.00	2.22	
Toluene*	<0.050	0.050	09/20/2024	ND	2.43	121	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/20/2024	ND	2.61	130	2.00	4.19	
Total Xylenes*	<0.150	0.150	09/20/2024	ND	7.85	131	6.00	4.09	
Total BTEX	<0.300	0.300	09/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	09/20/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2024	ND	190	95.1	200	1.99	
DRO >C10-C28*	<10.0	10.0	09/20/2024	ND	188	94.0	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	09/20/2024	ND					
Surrogate: 1-Chlorooctane	82.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.5	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/19/2024 Sampling Date: 09/19/2024

Reported: 09/25/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 107 @ 6' (H245725-06)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2024	ND	2.29	115	2.00	2.22	
Toluene*	<0.050	0.050	09/20/2024	ND	2.43	121	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/20/2024	ND	2.61	130	2.00	4.19	
Total Xylenes*	<0.150	0.150	09/20/2024	ND	7.85	131	6.00	4.09	
Total BTEX	<0.300	0.300	09/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	09/20/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2024	ND	190	95.1	200	1.99	
DRO >C10-C28*	<10.0	10.0	09/20/2024	ND	188	94.0	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	09/20/2024	ND					
Surrogate: 1-Chlorooctane	82.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.1	% 49.1-14	8						

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## Analytical Results For:

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

Received: 09/19/2024 Sampling Date: 09/19/2024

Reported: 09/25/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 108 @ 6' (H245725-07)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2024	ND	2.29	115	2.00	2.22	
Toluene*	<0.050	0.050	09/20/2024	ND	2.43	121	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/20/2024	ND	2.61	130	2.00	4.19	
Total Xylenes*	<0.150	0.150	09/20/2024	ND	7.85	131	6.00	4.09	
Total BTEX	<0.300	0.300	09/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/20/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2024	ND	190	95.1	200	1.99	
DRO >C10-C28*	<10.0	10.0	09/20/2024	ND	188	94.0	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	09/20/2024	ND					
Surrogate: 1-Chlorooctane	74.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.2	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/19/2024 Sampling Date: 09/19/2024

Reported: 09/25/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 109 @ 6' (H245725-08)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2024	ND	2.29	115	2.00	2.22	
Toluene*	<0.050	0.050	09/20/2024	ND	2.43	121	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/20/2024	ND	2.61	130	2.00	4.19	
Total Xylenes*	<0.150	0.150	09/20/2024	ND	7.85	131	6.00	4.09	
Total BTEX	<0.300	0.300	09/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/20/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2024	ND	190	95.1	200	1.99	
DRO >C10-C28*	<10.0	10.0	09/20/2024	ND	188	94.0	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	09/20/2024	ND					
Surrogate: 1-Chlorooctane	78.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.5	% 49.1-14	8						

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Celey D. Keene



## Analytical Results For:

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

Received: 09/19/2024

Sampling Date:

09/19/2024

Reported:

09/25/2024

Sampling Type:

Soil

Project Name:

PAVO FRIO FLOW LINE

Sampling Condition:

Cool & Intact

Project Number:

20984

Sample Received By:

Alyssa Parras

Project Location:

MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 110 @ 6' (H245725-09)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/21/2024	ND	2.29	115	2.00	2.22	
Toluene*	<0.050	0.050	09/21/2024	ND	2.43	121	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/21/2024	ND	2.61	130	2.00	4.19	
Total Xylenes*	<0.150	0.150	09/21/2024	ND	7.85	131	6.00	4.09	
Total BTEX	<0.300	0.300	09/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	09/20/2024	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	09/20/2024	ND	190	95.1	200	1.99	
DRO >C10-C28*	<10.0	10.0	09/20/2024	ND	188	94.0	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	09/20/2024	ND					
Surrogate: 1-Chlorooctane	74.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.5	% 49.1-14	8						

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Celey D. Keine



## Analytical Results For:

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

Received: 09/19/2024 Sampling Date: 09/19/2024

Reported: 09/25/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 111 @ 6' (H245725-10)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/21/2024	ND	2.29	115	2.00	2.22	
Toluene*	<0.050	0.050	09/21/2024	ND	2.43	121	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/21/2024	ND	2.61	130	2.00	4.19	
Total Xylenes*	<0.150	0.150	09/21/2024	ND	7.85	131	6.00	4.09	
Total BTEX	<0.300	0.300	09/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/20/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2024	ND	190	95.1	200	1.99	
DRO >C10-C28*	<10.0	10.0	09/20/2024	ND	188	94.0	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	09/20/2024	ND					
Surrogate: 1-Chlorooctane	81.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.0	% 49.1-14	8						

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## Analytical Results For:

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

Received: 09/19/2024 Sampling Date: 09/19/2024

Reported: 09/25/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: Sample Received By: 20984 Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

## Sample ID: FL 112 @ 6' (H245725-11)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/21/2024	ND	2.29	115	2.00	2.22	
Toluene*	<0.050	0.050	09/21/2024	ND	2.43	121	2.00	4.15	
Ethylbenzene*	< 0.050	0.050	09/21/2024	ND	2.61	130	2.00	4.19	
Total Xylenes*	<0.150	0.150	09/21/2024	ND	7.85	131	6.00	4.09	
Total BTEX	<0.300	0.300	09/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/20/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2024	ND	190	95.1	200	1.99	
DRO >C10-C28*	<10.0	10.0	09/20/2024	ND	188	94.0	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	09/20/2024	ND					
Surrogate: 1-Chlorooctane	80.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.7	% 49.1-14	8						

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Celey D. Keine



## Analytical Results For:

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

Fax To:

Received: 09/19/2024 Sampling Date: 09/19/2024

Reported: 09/25/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 113 @ 6' (H245725-12)

BTEX 8021B

DIEX GOZID	ıııg,	K9	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/21/2024	ND	2.29	115	2.00	2.22	
Toluene*	<0.050	0.050	09/21/2024	ND	2.43	121	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/21/2024	ND	2.61	130	2.00	4.19	
Total Xylenes*	<0.150	0.150	09/21/2024	ND	7.85	131	6.00	4.09	
Total BTEX	<0.300	0.300	09/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/20/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2024	ND	190	95.1	200	1.99	
DRO >C10-C28*	<10.0	10.0	09/20/2024	ND	188	94.0	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	09/20/2024	ND					
Surrogate: 1-Chlorooctane	80.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.0	% 49.1-14	8						

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# Analytical Results For:

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

Analyzed By: JH

Fax To:

Received: 09/19/2024 Sampling Date: 09/19/2024

Reported: 09/25/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

## Sample ID: NW 4 (H245725-13)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2024	ND	2.26	113	2.00	2.86	
Toluene*	<0.050	0.050	09/20/2024	ND	2.10	105	2.00	1.45	
Ethylbenzene*	<0.050	0.050	09/20/2024	ND	2.11	105	2.00	0.620	
Total Xylenes*	<0.150	0.150	09/20/2024	ND	6.34	106	6.00	0.358	
Total BTEX	<0.300	0.300	09/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/20/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2024	ND	190	95.1	200	1.99	
DRO >C10-C28*	<10.0	10.0	09/20/2024	ND	188	94.0	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	09/20/2024	ND					
Surrogate: 1-Chlorooctane	90.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.0	% 49.1-14	8						

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Celey D. Keine



09/19/2024

## Analytical Results For:

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

Received: 09/19/2024 Sampling Date:

Reported: 09/25/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20984 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

## Sample ID: NW 5 (H245725-14)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2024	ND	2.26	113	2.00	2.86	
Toluene*	<0.050	0.050	09/20/2024	ND	2.10	105	2.00	1.45	
Ethylbenzene*	<0.050	0.050	09/20/2024	ND	2.11	105	2.00	0.620	
Total Xylenes*	<0.150	0.150	09/20/2024	ND	6.34	106	6.00	0.358	
Total BTEX	<0.300	0.300	09/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/20/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2024	ND	190	95.1	200	1.99	
DRO >C10-C28*	<10.0	10.0	09/20/2024	ND	188	94.0	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	09/20/2024	ND					
Surrogate: 1-Chlorooctane	85.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.3	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/19/2024 Sampling Date: 09/19/2024

Reported: 09/25/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

### Sample ID: SW 4 (H245725-15)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2024	ND	2.26	113	2.00	2.86	
Toluene*	<0.050	0.050	09/20/2024	ND	2.10	105	2.00	1.45	
Ethylbenzene*	<0.050	0.050	09/20/2024	ND	2.11	105	2.00	0.620	
Total Xylenes*	<0.150	0.150	09/20/2024	ND	6.34	106	6.00	0.358	
Total BTEX	<0.300	0.300	09/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/20/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2024	ND	190	95.1	200	1.99	
DRO >C10-C28*	<10.0	10.0	09/20/2024	ND	188	94.0	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	09/20/2024	ND					
Surrogate: 1-Chlorooctane	78.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.5	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/19/2024 Sampling Date: 09/19/2024

Reported: 09/25/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

## Sample ID: SW 5 (H245725-16)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2024	ND	2.26	113	2.00	2.86	
Toluene*	<0.050	0.050	09/20/2024	ND	2.10	105	2.00	1.45	
Ethylbenzene*	<0.050	0.050	09/20/2024	ND	2.11	105	2.00	0.620	
Total Xylenes*	<0.150	0.150	09/20/2024	ND	6.34	106	6.00	0.358	
Total BTEX	<0.300	0.300	09/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/20/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2024	ND	190	95.1	200	1.99	
DRO >C10-C28*	<10.0	10.0	09/20/2024	ND	188	94.0	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	09/20/2024	ND					
Surrogate: 1-Chlorooctane	83.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.0	% 49.1-14	8						

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## Analytical Results For:

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

Analyzed By: JH

Fax To:

Received: 09/19/2024 Sampling Date: 09/19/2024

Reported: 09/25/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

## Sample ID: EW 9 (H245725-17)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2024	ND	2.26	113	2.00	2.86	
Toluene*	<0.050	0.050	09/20/2024	ND	2.10	105	2.00	1.45	
Ethylbenzene*	<0.050	0.050	09/20/2024	ND	2.11	105	2.00	0.620	
Total Xylenes*	<0.150	0.150	09/20/2024	ND	6.34	106	6.00	0.358	
Total BTEX	<0.300	0.300	09/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/20/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2024	ND	190	95.1	200	1.99	
DRO >C10-C28*	<10.0	10.0	09/20/2024	ND	188	94.0	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	09/20/2024	ND					
Surrogate: 1-Chlorooctane	73.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.8	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/19/2024 Sampling Date: 09/19/2024

Reported: 09/25/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

## Sample ID: WW 9 (H245725-18)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2024	ND	2.26	113	2.00	2.86	
Toluene*	<0.050	0.050	09/20/2024	ND	2.10	105	2.00	1.45	
Ethylbenzene*	<0.050	0.050	09/20/2024	ND	2.11	105	2.00	0.620	
Total Xylenes*	<0.150	0.150	09/20/2024	ND	6.34	106	6.00	0.358	
Total BTEX	<0.300	0.300	09/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/20/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2024	ND	196	98.0	200	3.03	
DRO >C10-C28*	<10.0	10.0	09/20/2024	ND	184	92.2	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	09/20/2024	ND					
Surrogate: 1-Chlorooctane	76.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.7	% 49.1-14	8						

# Cardinal Laboratories \*=Accredited Analyte

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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.

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

BS1 Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

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Celeg D. Freene



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Nam	The state of the s	itions	, Inc			В	ILL TO		8			ANIAL	V010 =		Page 1	of 2
Project Manag	er: Lance Crenshaw				F	P.O. #:			-			ANAL	YSIS R	EQUEST		
Address: 26	17 West Marland					Company:	Moud	bourne	+							
ity: Hobbs	State: NM	Zi	p:	88240		ittn:			1						1 1	
Phone #: (57	75) 264-9884 Fax #:					ddress:	Connor Wa	alker	1	1		- 1 1			1 1	
roject #: 20	984 Project Owne	er:		Mewbourne					1							
roject Name:	Pavo Frio Flow Line			WDOUITE		ity:			1.	Î	<u>B</u>					
Project Locatio						tate:	Zip:		Chloride	TPH (8015M)	(8021B)					
Sampler Name:	Patrick Muniez					hone #:			0	(80	8					
FOR LAB USE ONLY		Т	Т	MATRI	_	ax #: PRESERV		LING	12	Ŧ	ВТЕХ					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER:	ACID/BASE: ICE / COOLÇ OTHER :	DATE	TIME								
	FL 101 @ 6'	С	1	X	0) 0	X	9/19/24	THE	V	~	м.	+	_	-		
	FL 102 @ 6'	С	1	X		X	9/19/24		X	X	X	1	_			
	FL 103 @ 7'	С	1	X		X	9/19/24		x	X	X	1	-		-	
	FL 105 @ 6'	С	1	X		X	9/19/24		x	X	X	++		-	-	
	FL 106 @ 6'	С	1	X		X	9/19/24		x	x	X	++	-	-		
	FL 107 @ 6'	С	1	X		X	9/19/24		x	X		+++	_	-	1	
	FL 108 @ 6'	С	1	X		X	9/19/24		x	x	X	1	-			_
	FL 109 @ 6'	С	1	X		X	9/19/24		x		X	1	-			
	FL 110 @ 6'	С	1	X		X	9/19/24		X	X	X	++	-		1	
10	FL 111 @ 6'  Damages. Cardinal's liability and client's exclusive remedy for any those for negligence and any other cause whatsoever shall be de-	С	1	v			*****	_	x	X	X					- 1

attiliates or successors arising out of or related to	the performance of services becaused by Co.	without limitation, business interruption	ns, loss of use, or loss of profits incurred by client, its subsidiaries, im is based upon any of the above stated reasons or otherwise.
Relinquished By:	Date:	Possing of Whether such clair	m is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: 0-19-24	Received By:	pon any of the above stated re	Verbal Result: ☐ Y		Add	'l Phone #:
Relinquished By:	Time:	apaus		All Results are emailed	d. Please provi	ide Em	ail address: techenv.com
,,	Time:	Received By:		REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C	2 dampie condition	CHECKED BY: (Initials)	Turnaround Time:	Standard Rush		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  ☐ Yes ☐ Yes
FORM-006 R 3.5 08/05/24		rdinal cannot accept verbal of		Correction Factor -0.6°C			☐ No ☐ No Corrected Temp. °C



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

_	e: Etech Environmental & Safety Solu	tions	, Inc	C			BILL TO							Page 2	of 2
Project Manag	er: Lance Crenshaw				7	2.0.#:	TILL TO					ANALY	SIS REQU	EST	
Address: 26	17 West Marland				- 1	company:	Me		+						
City: Hobbs	State: NM	Zi	p:	88240		ttn:		bourne	1						
Phone #: (5	75) 264-9884 Fax #:					ddress:	Connor Wa	alker	1						
Project #: 20	984 Project Owne	r:		Mewbourne		ity:			-						
Project Name:	Pavo Frio Flow Line			onbourie					1.	Ē	<u>@</u>				
Project Location						tate:	Zip:		Chloride	TPH (8015M)	(8021B)				
Sampler Name:						hone #: ax #:			9	(80	8				
FOR LAB USE ONLY		T	Т	MATRI		PRESER	VI SAME	PLING	1 5	표	ВТЕХ				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER:	ACID/BASE: ICE / COOL COTHER:	DATE	TIME							
11	FL 112 @ 6'	С	-	X	0) 0	X	9/19/24	TIME	v						
10	FL 113 @ 6'	С	1	X		X	9/19/24		X	X	X		-		
	NW 4	С	1	X		X	9/19/24		x	X	X		-	+	
	NW 5	С	1	X		X	9/19/24		x	X	X				
11.	SW 4	С	1	X		Х	9/19/24		x	X	X			+++	
	SW 5	С	1	X		X	9/19/24		x	x	X			+	
17	EW 9	C	1	X		X	9/19/24		X	x	x				
'n	WW 9		_												

11/1 11/1 /// 1	9-) Q - > 4 Time:			Verbal Result:						
elinquished By:	Time: 1455 Date: Rec	Delved By:		REMARKS:	E	m@et	techenv.com			
	Observed Temp. °C 3	Coor illiact	CHECKED BY: (Initials)	Turnaround Time: Thermometer ID #140 Correction Factor -0.6°C	Standard Rush		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C			



September 27, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: PAVO FRIO FLOW LINE

Enclosed are the results of analyses for samples received by the laboratory on 09/23/24 14:42.

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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



09/23/2024

Soil

## Analytical Results For:

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

Received: 09/23/2024 Sampling Date:
Reported: 09/27/2024 Sampling Type:

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Applyand By 14

Project Location: MEWBOURNE 32.744072,-104.115361

## Sample ID: FL 79 @ 3' (H245755-01)

DTEV 0021D

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.15	108	2.00	3.88	
Toluene*	<0.050	0.050	09/24/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.25	113	2.00	0.961	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.94	116	6.00	0.924	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/24/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	204	102	200	0.799	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	195	97.7	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	92.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.0	% 49.1-14	8						

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Celey D. Keene



## Analytical Results For:

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

Fax To:

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

## Sample ID: FL 81 @ 2' (H245755-02)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.15	108	2.00	3.88	
Toluene*	<0.050	0.050	09/24/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.25	113	2.00	0.961	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.94	116	6.00	0.924	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/24/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	204	102	200	0.799	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	195	97.7	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	98.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.3	% 49.1-14	8						

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Celey & Keene



## Analytical Results For:

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

Fax To:

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: Sample Received By: 20984 Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 104 @ 6' (H245755-03)

BTEX 8021B	mg/	mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.15	108	2.00	3.88	
Toluene*	<0.050	0.050	09/24/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	< 0.050	0.050	09/24/2024	ND	2.25	113	2.00	0.961	
Total Xylenes*	< 0.150	0.150	09/24/2024	ND	6.94	116	6.00	0.924	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/24/2024	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	204	102	200	0.799	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	195	97.7	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	96.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.1	% 49.1-14	8						

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Celey D. Keine



## Analytical Results For:

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

Received: 09/23/2024

09/27/2024

Sampling Date: 09/23/2024

Reported:

Sampling Type: Soil

Sample Received By:

Project Name:

PAVO FRIO FLOW LINE Sampling Condition:

Cool & Intact Alyssa Parras

Project Number: Project Location:

20984 MEWBOURNE 32.744072,-104.115361

Sample ID: FL 114 @ 6.5' (H245755-04)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.15	108	2.00	3.88	
Toluene*	<0.050	0.050	09/24/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.25	113	2.00	0.961	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.94	116	6.00	0.924	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/24/2024	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	204	102	200	0.799	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	195	97.7	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	90.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.1 9	% 49.1-14	8						

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Celey D. Keine



## Analytical Results For:

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

Fax To:

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 115 @ 6.5' (H245755-05)

BTEX 8021B

DILX GOZID	mg/kg		Andryzo	Allalyzea by: 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.15	108	2.00	3.88	
Toluene*	<0.050	0.050	09/24/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.25	113	2.00	0.961	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.94	116	6.00	0.924	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/24/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	204	102	200	0.799	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	195	97.7	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	96.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.0	% 49.1-14	8						

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Celey D. Keene



## Analytical Results For:

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

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 116 @ 6.5' (H245755-06)

BTEX 8021B

DIEX GOZID	ıııg,	K9	Analyzed by: 511						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.15	108	2.00	3.88	
Toluene*	<0.050	0.050	09/24/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.25	113	2.00	0.961	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.94	116	6.00	0.924	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13-	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/24/2024	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	204	102	200	0.799	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	195	97.7	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13-	4						
Surrogate: 1-Chlorooctadecane	79.3	% 49.1-14	8						

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Celey D. Keene



Alyssa Parras

Sample Received By:

## Analytical Results For:

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

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact

Project Number: 20984

Project Location: MEWBOURNE 32.744072,-104.115361

## Sample ID: EW 9 (H245755-07)

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	09/24/2024	ND	2.15	108	2.00	3.88	
Toluene*	<0.050	0.050	09/24/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.25	113	2.00	0.961	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.94	116	6.00	0.924	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/24/2024	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	204	102	200	0.799	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	195	97.7	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	91.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.3	% 49.1-14	8						

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## Analytical Results For:

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

Analyzed By: JH

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

## Sample ID: EW 10 (H245755-08)

BTEX 8021B

	9/	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.15	108	2.00	3.88	
Toluene*	<0.050	0.050	09/24/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.25	113	2.00	0.961	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.94	116	6.00	0.924	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/24/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	204	102	200	0.799	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	195	97.7	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	85.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.0	% 49.1-14	8						

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# Analytical Results For:

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

Fax To:

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

## Sample ID: EW 11 (H245755-09)

BTEX 8021B

	9/	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.15	108	2.00	3.88	
Toluene*	<0.050	0.050	09/24/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.25	113	2.00	0.961	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.94	116	6.00	0.924	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/24/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	204	102	200	0.799	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	195	97.7	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	81.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.8	% 49.1-14	8						

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## Analytical Results For:

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

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

## Sample ID: EW 12 (H245755-10)

BTEX 8021B

DILX GOZID	ilig/ kg		Analyzed by: 311						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.15	108	2.00	3.88	
Toluene*	<0.050	0.050	09/24/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.25	113	2.00	0.961	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.94	116	6.00	0.924	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/24/2024	ND	400	100	400	7.69	
TPH 8015M	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	204	102	200	0.799	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	195	97.7	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	88.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.6	% 49.1-14	8						

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Celey D. Keene



Alyssa Parras

Sample Received By:

## Analytical Results For:

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

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil
Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact

Project Number: 20984

Project Location: MEWBOURNE 32.744072,-104.115361

## Sample ID: EW 13 (H245755-11)

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	09/24/2024	ND	2.15	108	2.00	3.88	
Toluene*	<0.050	0.050	09/24/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.25	113	2.00	0.961	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.94	116	6.00	0.924	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/24/2024	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	204	102	200	0.799	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	195	97.7	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	88.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.3	% 49.1-14	8						

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09/23/2024

# Analytical Results For:

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

Analyzed By: 14

Received: 09/23/2024 Sampling Date:

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

ma/ka

## Sample ID: EW 14 (H245755-12)

RTFY 8021R

ne QC RPD Qualifie  3.88  2.32  0.961  0.924
2.32 0 0.961
0.961
0.924
ue QC RPD Qualifie
7.69
ue QC RPD Qualifie
0.799
0.653
)

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Alyssa Parras

Sample Received By:

## Analytical Results For:

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

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil
Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact

Project Number: 20984

Project Location: MEWBOURNE 32.744072,-104.115361

## Sample ID: EW 15 (H245755-13)

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	09/24/2024	ND	1.96	98.0	2.00	0.289	
Toluene*	<0.050	0.050	09/24/2024	ND	2.02	101	2.00	0.239	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.05	103	2.00	0.254	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.13	102	6.00	0.392	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1420	16.0	09/24/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	204	102	200	0.799	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	195	97.7	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	87.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.4	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

ma/ka

## Sample ID: EW 16 (H245755-14)

RTFY 8021R

BIEX 8021B	тд/кд		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	0.289	
Toluene*	<0.050	0.050	09/24/2024	ND	2.02	101	2.00	0.239	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.05	103	2.00	0.254	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.13	102	6.00	0.392	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 % 71.5-13		4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	09/24/2024	ND	400	100	400	7.69	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	204	102	200	0.799	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	195	97.7	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	90.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.4	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 20984 Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

## Sample ID: EW 17 (H245755-15)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	0.289	
Toluene*	<0.050	0.050	09/24/2024	ND	2.02	101	2.00	0.239	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.05	103	2.00	0.254	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.13	102	6.00	0.392	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	09/24/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	204	102	200	0.799	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	195	97.7	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	111 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.2	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: EW 18 (H245755-16)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	0.289	
Toluene*	<0.050	0.050	09/24/2024	ND	2.02	101	2.00	0.239	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.05	103	2.00	0.254	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.13	102	6.00	0.392	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/24/2024	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	204	102	200	0.799	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	195	97.7	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.3	% 49.1-14	8						

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## Analytical Results For:

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

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20984 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

## Sample ID: EW 19 (H245755-17)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	0.289	
Toluene*	<0.050	0.050	09/24/2024	ND	2.02	101	2.00	0.239	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.05	103	2.00	0.254	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.13	102	6.00	0.392	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	09/24/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	204	102	200	0.799	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	195	97.7	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	100 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.2	% 49.1-14	8						

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# Analytical Results For:

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

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

## Sample ID: EW 20 (H245755-18)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	0.289	
Toluene*	<0.050	0.050	09/24/2024	ND	2.02	101	2.00	0.239	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.05	103	2.00	0.254	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.13	102	6.00	0.392	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/24/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	204	102	200	0.799	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	195	97.7	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.2	% 49.1-14	8						

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## Analytical Results For:

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

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

ma/ka

## Sample ID: EW 21 (H245755-19)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	0.289	
Toluene*	<0.050	0.050	09/24/2024	ND	2.02	101	2.00	0.239	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.05	103	2.00	0.254	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.13	102	6.00	0.392	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
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	09/24/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	204	102	200	0.799	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	195	97.7	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.2	% 49.1-14	8						

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## Analytical Results For:

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

09/23/2024 09/27/2024

Project Name: PAVO FRIO FLOW LINE

Project Number: 20984

Project Location: MEWBOURNE 32.744072,-104.115361 Sampling Date: 09/23/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

# Sample ID: EW 22 (H245755-20)

Received:

Reported:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	0.289	
Toluene*	<0.050	0.050	09/24/2024	ND	2.02	101	2.00	0.239	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.05	103	2.00	0.254	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.13	102	6.00	0.392	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/24/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	193	96.5	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	181	90.5	200	4.49	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.1	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

## Sample ID: EW 23 (H245755-21)

BTEX 8021B

	9/	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	0.289	
Toluene*	<0.050	0.050	09/24/2024	ND	2.02	101	2.00	0.239	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.05	103	2.00	0.254	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.13	102	6.00	0.392	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	09/24/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	193	96.5	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	181	90.5	200	4.49	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	99.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.8	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

## Sample ID: EW 24 (H245755-22)

BTEX 8021B

	9/	9	7111411720						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	0.289	
Toluene*	<0.050	0.050	09/24/2024	ND	2.02	101	2.00	0.239	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.05	103	2.00	0.254	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.13	102	6.00	0.392	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	09/24/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	193	96.5	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	181	90.5	200	4.49	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.9	% 49.1-14	8						

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## Analytical Results For:

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

Analyzed By: 14

Fax To:

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

ma/ka

## Sample ID: EW 25 (H245755-23)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	0.289	
Toluene*	<0.050	0.050	09/24/2024	ND	2.02	101	2.00	0.239	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.05	103	2.00	0.254	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.13	102	6.00	0.392	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
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	09/24/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	193	96.5	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	181	90.5	200	4.49	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	80.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.8	% 49.1-14	8						

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Celey D. Keene



## Analytical Results For:

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

Analyzed By: JH

09/23/2024 09/27/2024

mg/kg

PAVO FRIO FLOW LINE

Project Number: 20984

Project Location: MEWBOURNE 32.744072,-104.115361

Sampling Date: 09/23/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

# Sample ID: EW 26 (H245755-24)

Received:

Reported:

BTEX 8021B

Project Name:

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	0.289	
Toluene*	<0.050	0.050	09/24/2024	ND	2.02	101	2.00	0.239	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.05	103	2.00	0.254	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.13	102	6.00	0.392	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1490	16.0	09/24/2024	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	193	96.5	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	181	90.5	200	4.49	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	78.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.8	% 49.1-14	8						

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## Analytical Results For:

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

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

ma/ka

## Sample ID: EW 27 (H245755-25)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	0.289	
Toluene*	<0.050	0.050	09/24/2024	ND	2.02	101	2.00	0.239	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.05	103	2.00	0.254	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.13	102	6.00	0.392	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	09/24/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	193	96.5	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	181	90.5	200	4.49	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	84.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.2	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

ma/ka

## Sample ID: EW 28 (H245755-26)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	0.289	
Toluene*	<0.050	0.050	09/24/2024	ND	2.02	101	2.00	0.239	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.05	103	2.00	0.254	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.13	102	6.00	0.392	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/24/2024	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	193	96.5	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	181	90.5	200	4.49	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	95.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.2	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20984 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

## Sample ID: EW 29 (H245755-27)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	0.289	
Toluene*	<0.050	0.050	09/24/2024	ND	2.02	101	2.00	0.239	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.05	103	2.00	0.254	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.13	102	6.00	0.392	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	09/24/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	193	96.5	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	181	90.5	200	4.49	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	102 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.6	% 49.1-14	8						

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# Analytical Results For:

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

Analyzed By: JH

Received: 09/23/2024

Sampling Date: 09/23/2024

Reported: 09/27/2024 Project Name: PAVO FRIO FLOW LINE Sampling Type: Soil
Sampling Condition: Cool 8

Project Number: 20984

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

## Sample ID: WW 9 (H245755-28)

BTEX 8021B

DILX GOZID	mg/	ng .	Alldiyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	0.289	
Toluene*	<0.050	0.050	09/24/2024	ND	2.02	101	2.00	0.239	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.05	103	2.00	0.254	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.13	102	6.00	0.392	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/24/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	193	96.5	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	181	90.5	200	4.49	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	97.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.9	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

ma/ka

## Sample ID: WW 10 (H245755-29)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	0.289	
Toluene*	<0.050	0.050	09/24/2024	ND	2.02	101	2.00	0.239	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.05	103	2.00	0.254	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.13	102	6.00	0.392	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	09/24/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	193	96.5	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	181	90.5	200	4.49	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	110	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.7	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

ma/ka

## Sample ID: WW 11 (H245755-30)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	0.289	
Toluene*	<0.050	0.050	09/24/2024	ND	2.02	101	2.00	0.239	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.05	103	2.00	0.254	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.13	102	6.00	0.392	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	09/24/2024	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	193	96.5	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	181	90.5	200	4.49	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	112	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.3	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 20984 Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

## Sample ID: WW 12 (H245755-31)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	0.289	
Toluene*	<0.050	0.050	09/24/2024	ND	2.02	101	2.00	0.239	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.05	103	2.00	0.254	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.13	102	6.00	0.392	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/24/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	193	96.5	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	181	90.5	200	4.49	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.6	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

ma/ka

#### Sample ID: WW 13 (H245755-32)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	0.289	
Toluene*	<0.050	0.050	09/24/2024	ND	2.02	101	2.00	0.239	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.05	103	2.00	0.254	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.13	102	6.00	0.392	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/24/2024	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	193	96.5	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	181	90.5	200	4.49	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.1	% 49.1-14	8						

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Celey D. Keine



## Analytical Results For:

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

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

ma/ka

## Sample ID: WW 14 (H245755-33)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.22	111	2.00	6.00	
Toluene*	<0.050	0.050	09/24/2024	ND	2.35	117	2.00	9.54	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.57	128	2.00	13.0	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	7.79	130	6.00	13.3	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	09/24/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	193	96.5	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	181	90.5	200	4.49	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	82.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.3	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

## Sample ID: WW 15 (H245755-34)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Alldiyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.22	111	2.00	6.00	
Toluene*	<0.050	0.050	09/24/2024	ND	2.35	117	2.00	9.54	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.57	128	2.00	13.0	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	7.79	130	6.00	13.3	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	09/24/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	193	96.5	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	181	90.5	200	4.49	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	83.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.3	% 49.1-14	8						

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Celey D. Keine



## Analytical Results For:

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

Fax To:

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

ma/ka

#### Sample ID: WW 16 (H245755-35)

RTFY 8021R

B1EX 8021B	mg,	кg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.22	111	2.00	6.00	
Toluene*	<0.050	0.050	09/24/2024	ND	2.35	117	2.00	9.54	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.57	128	2.00	13.0	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	7.79	130	6.00	13.3	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	193	96.5	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	181	90.5	200	4.49	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	96.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.5	% 49.1-14	8						

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09/23/2024

## Analytical Results For:

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

Received: 09/23/2024 Sampling Date:

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: Sample Received By: 20984 Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

## Sample ID: WW 17 (H245755-36)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.22	111	2.00	6.00	
Toluene*	<0.050	0.050	09/24/2024	ND	2.35	117	2.00	9.54	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.57	128	2.00	13.0	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	7.79	130	6.00	13.3	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	120 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	193	96.5	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	181	90.5	200	4.49	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	95.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.0	% 49.1-14	8						

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## Analytical Results For:

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

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

ma/ka

## Sample ID: WW 18 (H245755-37)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.22	111	2.00	6.00	
Toluene*	<0.050	0.050	09/24/2024	ND	2.35	117	2.00	9.54	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.57	128	2.00	13.0	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	7.79	130	6.00	13.3	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	09/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	193	96.5	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	181	90.5	200	4.49	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	89.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.9	% 49.1-14	8						

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## Analytical Results For:

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

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 20984 Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

## Sample ID: WW 19 (H245755-38)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.22	111	2.00	6.00	
Toluene*	<0.050	0.050	09/24/2024	ND	2.35	117	2.00	9.54	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.57	128	2.00	13.0	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	7.79	130	6.00	13.3	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	193	96.5	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	181	90.5	200	4.49	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	94.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.0	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20984 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

## Sample ID: WW 20 (H245755-39)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.22	111	2.00	6.00	
Toluene*	<0.050	0.050	09/24/2024	ND	2.35	117	2.00	9.54	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.57	128	2.00	13.0	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	7.79	130	6.00	13.3	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	193	96.5	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	181	90.5	200	4.49	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	96.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.5	% 49.1-14	8						

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## Analytical Results For:

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

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: Sample Received By: 20984 Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

## Sample ID: WW 21 (H245755-40)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.22	111	2.00	6.00	
Toluene*	<0.050	0.050	09/24/2024	ND	2.35	117	2.00	9.54	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.57	128	2.00	13.0	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	7.79	130	6.00	13.3	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	09/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	211	105	200	0.269	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	205	103	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	94.5 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.1 9	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 20984 Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

## Sample ID: WW 22 (H245755-41)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.22	111	2.00	6.00	
Toluene*	<0.050	0.050	09/24/2024	ND	2.35	117	2.00	9.54	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.57	128	2.00	13.0	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	7.79	130	6.00	13.3	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	09/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	211	105	200	0.269	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	205	103	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	107 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.9	% 49.1-14	8						

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Celey D. Keene



# Analytical Results For:

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

Received: 09/23/2024

09/27/2024

PAVO FRIO FLOW LINE

Project Number: 20984

Project Location: MEWBOURNE 32.744072,-104.115361 Sampling Date: 09/23/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

# Sample ID: WW 23 (H245755-42)

Reported:

Project Name:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.22	111	2.00	6.00	
Toluene*	<0.050	0.050	09/24/2024	ND	2.35	117	2.00	9.54	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.57	128	2.00	13.0	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	7.79	130	6.00	13.3	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	211	105	200	0.269	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	205	103	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	94.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.5	% 49.1-14	8						

\*=Accredited Analyte

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## Analytical Results For:

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

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

## Sample ID: WW 24 (H245755-43)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.22	111	2.00	6.00	
Toluene*	<0.050	0.050	09/24/2024	ND	2.35	117	2.00	9.54	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.57	128	2.00	13.0	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	7.79	130	6.00	13.3	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	211	105	200	0.269	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	205	103	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	87.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.6	% 49.1-14	8						

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Celeg & Frence



## Analytical Results For:

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

Fax To:

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

ma/ka

## Sample ID: WW 25 (H245755-44)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.22	111	2.00	6.00	
Toluene*	<0.050	0.050	09/24/2024	ND	2.35	117	2.00	9.54	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.57	128	2.00	13.0	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	7.79	130	6.00	13.3	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	211	105	200	0.269	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	205	103	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	79.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.8	% 49.1-14	8						

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Celey D. Keine



## Analytical Results For:

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

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20984 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

## Sample ID: WW 26 (H245755-45)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.22	111	2.00	6.00	
Toluene*	<0.050	0.050	09/24/2024	ND	2.35	117	2.00	9.54	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.57	128	2.00	13.0	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	7.79	130	6.00	13.3	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	211	105	200	0.269	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	205	103	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	96.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.5	% 49.1-14	8						

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## Analytical Results For:

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

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

ma/ka

## Sample ID: WW 27 (H245755-46)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.16	108	2.00	4.71	
Toluene*	<0.050	0.050	09/24/2024	ND	2.04	102	2.00	3.33	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.05	103	2.00	2.40	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.14	102	6.00	1.53	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	211	105	200	0.269	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	205	103	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	86.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.1	% 49.1-14	8						

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Celey D. Kreine



## Analytical Results For:

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

Fax To:

Received: 09/23/2024 Sampling Date: 09/23/2024

Reported: 09/27/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

## Sample ID: SW 6 (H245755-47)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.16	108	2.00	4.71	
Toluene*	<0.050	0.050	09/24/2024	ND	2.04	102	2.00	3.33	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.05	103	2.00	2.40	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.14	102	6.00	1.53	
Total BTEX	<0.300	0.300	09/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	211	105	200	0.269	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	205	103	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					
Surrogate: 1-Chlorooctane	86.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.7	% 49.1-14	8						

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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

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FORM-006 R 3.5 08/05/24

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Yes Yes
No No

Corrected Temp. °C

TOIRCT Manager	Etech Environmental & Safety Solu	tions	, Inc	-					В	ILL TO					Α.	IAL VO	10			Page 1 of	f 5
Project Manager:	Lance Crenshaw						T I	P.O.							A	VALYS	IS RE	QUES	T		
	Vest Marland						0	Com	pany:	Mew	bourne	1									
City: Hobbs	State: NM	Zi	p:	88	240			Attn:		Connor W											
	64-9884 Fax #:						1	Addre	ess:			1									
roject #: 20984	Project Owne	r:		Mev	vbou	rne	C	City:				1	_	_							
roject Name: Pav								State		Zip:		0	N N	18)							- 1
	32.744072, -104.115361						P	Phone	e #:			E	016	(8021							- 1
ampler Name:	Patrick Muniez							ax #:				Chloride	TPH (8015M)	×							
A COL ONLY					N	ATRIX		PR	ESERV	SAM	LING	0	H	ВТЕХ							1
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE OTHER:	ACID/BASE:	ICE / COOL OTHER:	DATE	Time										
	79 @ 3'	С	1			(	0 0	4	X	9/23/24	TIME	v			_	_					
	31 @ 2'	С	1			(			X	9/23/24		X	X	X	-						
	104 @ 6'	С	1		)	(			х	9/23/24		X	X	X	-	+					
	14 @ 6.5'	С	1		)				Х	9/23/24		X	X	X	-	+	-	$\vdash$			
1	15 @ 6.5' 16 @ 6.5'	С	1	1	X	1 1			Х	9/23/24		х	X	X		+			-		1
7 EW		С	1	-	X	_			Х	9/23/24		х	х	X					-	-	+
8 EW		C	1	+	X	1	-		Х	9/23/24		Х	X	X					+	-	+
9 EW		C	1	+	X				Х	9/23/24		Х	Х	Х					-		+
W EW	12		1	+	X		-		X	9/23/24		X	Х	X							+
SE NOTE: Liability and Damag	es. Cardinal's liability and client's exclusive remedy for any or negligence and any other cause whatsoever shall be deer liable for incidental or consequental damages, including with		ising w	abother.		in contract	or tort,	shall be	imited to the	9/23/24		X	X	X							+

Correction Factor -0.6°C

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



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Nan	Environmental & Salety Soll	tions	. In	C.		-		****								Pana 2	
Project Manag	ger: Lance Crenshaw		, 111	o.		-		ILL TO					ANA	ALYSIS	S REQUEST	Page 2	of 5
Address: 26	617 West Marland					P	.0. #:								I I I		
City: Hobbs						C	ompany:	Mew	bourne								
	State: NM	Zi	p:	88240		A	ttn:	Connor Wa	alker			1 1					
	100.					A	ddress:					1 1					
	Pavo Frio Flow Line	r:		Mewbour	rne	Ci	ity:			1	-	0	- 1	1			
Project Location						St	ate:	Zip:		0	TPH (8015M)	(8021B)					
Sampler Name:	101.110001					Ph	none #:			Į Ę	0	802					
FOR LAB USE ONLY	Patrick Muniez	_	_			Fa	x #:			Chloride	8	×					
		1.	ı	M	ATRIX		PRESERV	. SAME	LING	10	4	BTEX					
Lab I.D.		(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER SOII	OIL	OTHER:	ACID/BASE: ICE / COOL OTHER:	DATE	77445								
11	EW 13	С	1	X			X	9/23/24	TIME	-			_				
19	EW 14	С	1	X			X	9/23/24		X	X	X					
13	EW 15	C	1	X			X	9/23/24		X	X	X					
	EW 16	С	1	X			X	9/23/24		X	X	X					
15	EW 17	С	1	X			X	9/23/24		X	X	X	-				
	EW 18	С	1	X			X	9/23/24		X	X	X					
	EW 19	С	1	X			X	9/23/24		X	X	X					
	EW 20	С	1	X			X	9/23/24		X	X	X	1				
-	EW 21	С	1	X		1	X	9/23/24		X	X	X	1				
ASE NOTE: ((ab)Eb.	EW 22 I Damages. Cardinal's liability and client's exclusive remedy for any those for negligence and any other cause whatsoever shall be deer drifting be finish to provide and any.	C	1			1			_	X	X	X					

Relinquished By:	4.23.24	Receiv	red By:	poin any of the above stated re	Verbal Result:	es □ No	Add	'I Phone #:
Relinquished By.	Time:	01	Domes		All Results are emailed	Please prov	ide Ema	ail address: techenv.com
	Time:	Receiv	ed By:		REMARKS:			
Delivered By: (Circle One)	Observed Temp. °C		Sample Condition	01150				
ampler - UPS - Bus - Other:	Corrected Tomp %	9.0	Cool Intact  Yes Yes	CHECKED BY: (Initials)	Turnaround Time:	Standard Rush	X	Bacteria (only) Sample Condition Cool Intact Observed Tomp °C
FORM-006 R 3.5 08/05/24		-8:	No No	P	Thermometer ID #140 Correction Factor -0.6°C nail changes to celev.ke			Yes Yes



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Na	and a salety soll	ition	s, In	IC.	18	D	ILL TO							Page 3	of 5
Project Mana	ger: Lance Crenshaw				P	2.0.#:	ILL TO			_		ANALYS	IS REQUEST		
Address: 2	2617 West Marland				+				-	1	1 1				
City: Hobb	State: NM	Z	ip:	88240		company:		vbourne	-		1 1				- 1
Phone #: (	575) 264-9884 Fax #:			00210			Connor W	/alker	-				1 1 1		
roject #: 2	0984 Project Owne	· -		Mewbourne		ddress:			-		1 1	-1 1		1.1	
roject Name:	Pavo Frio Flow Line			Wewboulle		ity:			-	S.	B				
roject Locati						tate:	Zip:		Chloride	TPH (8015M)	(8021B)				
ampler Name						hone #:			0	(80	8				
FOR LAB USE ONLY		Т	Т	MATRIX	Fa	PRESERV	CAN	PLING	1 2	I	ВТЕХ		1 1 1		- 1
Lab I.D.  215755	Sample I.D.	(G)RAB OR (C)OMP	18	2 700 10 100	OTHER:	ACID/BASE: ICE / COOL OTHER:	DATE	TIME			ш				
22	EW 24	C	1	X		X	9/23/24		Х	Х	X				+
23	EW 25	C	1	X		X	9/23/24		Х	Х	X			++	-
24	EW 26	C	1	X		X	9/23/24		Х	Х	Х			++	-
25	EW 27	C	1	X	Н	X	9/23/24		Х	Х	X				+
20	EW 28	C	1	X		X	9/23/24		Х	X	X				+
27	EW 29	C	1	X		X	9/23/24		Х	Х	X				+
98	WW 9	С	1	x		X	9/23/24		Х	Х	X				
29	WW 10	С	1	x	1	X	9/23/24		Х	Х	Х				
30	WW 11 nd Darmages. Cardinal's liability and client's exclusive remedy for any ng those for negligence and any other cause whatsoever shall be de-	_			+	X	9/23/24		X	X	X				-

militates or succeptions arising out of or related to the performed by:	92334	Received By:	poor any or the above stated re	Verbal Result:	es 🗆 No	Add'l Phone #:	
elinquished By:	Time: 1447	apaus		All Results are emailed	Please provi	de Email address: om@etechenv.com	m
	Time:	Received By:		REMARKS:			
elivered By: (Circle One)	Observed Temp. °C	Samula Co. III					
ampler - UPS - Bus - Other:	Corrected Temp. °C	Sample Condition Cool Intact Yes Yes	(Initials)	Turnaround Time: Thermometer ID #140	Standard Rush	☐ Cool Inta	
FORM-006 R 3.5 08/05/24	† Card	linal cannot accept verbal cl	hanges Places on	Correction Factor -0.6°C		Yes _	Yes

54



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Time: 1442

Observed Temp. °C 8.

Corrected Temp. °C

Date:

Time:

Project Mana	me: Etech Environmental & Safety So ger: Lance Crenshaw	lutior	s, In	IC.					B	ILL TO		20							Page 4 of 5
							F	.0. #:							- /	ANALYSIS	REC	QUEST	
City: Hobb	2617 West Marland						c	ompa	nv:	May	bourne	$\dashv$							
	State: N	1 2	ip:	882	240			ttn:	-	Connor W		+							
	575) 264-9884 Fax #:						A	ddress	s:	COLUMN TY	dikei	1		1 1					
	0984 Project Own	er:		Mew	bourne	е		ity:	-			-							
	: Pavo Frio Flow Line							ate:		7in:		1.	E	<u>B</u>					
Project Locati	104.113301						1	none #		Zip:		Chloride	TPH (8015M)	(8021B)					
FOR LAB USE ONLY	THE WILLIAM							x #:				0	(80	8					
ON UNE USE ONLY		T	T		MAT	RIX	1.0	PRES	ERV	SAMI	PLING	12	I	BTEX					
	1	M D		or l						OAIIII	LING	1	F	BT					
Lab I.D.	Sample I.D.	G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:										
31	WW 12	C	155	0 5	- 07	SLU	0			DATE	TIME					_			
32	WW 13	C	1		X		-	X		9/23/24		Х	Х	Х			-		
33	WW 14	C	1		X		$\dashv$	X		9/23/24		Х	X	X			1		
31 33 34 35	WW 15	C	1		X		$\dashv$	X		9/23/24		Х	X	Х					
35	WW 16	C	1		X		-	X		9/23/24		Х	Х	X					
20	WW 17	C	1		X	++	-	X		9/23/24		Х	Х	X			1		
37	WW 18	C	1		X		+	X	-	9/23/24		Х	X	Х					
	WW 19	C	1		X	+	+	X	-	9/23/24		Х	Х	X					
1 /-	WW 20	С	1		X	11	+	X	+	9/23/24		Х	Х	Х					
SE NOTE: Liability as	WW 21	С	1		x	11	+	X	-	9/23/24		Х	X	X					
ies. All claims including	d Damages. Cardinal's liability and client's exclusive remedy for an g those for negligence and any other cause whatsoever shall be de- irdinal be liable for incidental or consequental damages, including w g out of or related to the performance of services hereunder by Can	claim a	rising v	whether he	sad in on		_			9/23/24	- 1	X	X	X				-	

Sampler - UPS - Bus - Other:

FORM-006 R 3.5 08/05/24

Delivered By: (Circle One)

elinquished By:

CHECKED BY:

(Initials)

Sample Condition

Cool Intact

REMARKS:

Turnaround Time:

Thermometer ID #140

All Results are emailed. Please provide Email address:

Standard

pm@etechenv.com

Cool Intact

Bacteria (only) Sample Condition

Observed Temp. °C

Corrected Temp. °C

X

Yes Yes P ☐ Yes ☐ Yes Correction Factor -0.6°C † Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com ☐ No ☐ No



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2	ame: Etech Environmental & Safety Si ager: Lance Crenshaw	olutio	ns,	Inc.						100	8	233	BILL	-0											Dane		
	o. o. ioiidiy									P	0. #		DILL	0						ANAL	YSIS	REC	UFS	Т	Page	5 of 5	1
	2617 West Marland														_								1	i -		1	1
	State: N	И	Zip		882	240				Att		any:		Mewbourne	-					- 1							
	(575) 264-9884 Fax #:					- 10							Conno	Walker	_						- 1						
	20984 Project Own	ner:		٨	/lew	hou	rno				dres	SS:				- 1		1 1									1
roject Name	e: Pavo Frio Flow Line				704	Jou	1116			City							=	@									
roject Loca										Sta			Zip:		Chlorido	9	TPH (8015M)	(8021B)									
ampler Nam	ne: Patrick Muniez										one :	#:			1 2	5	801	80		- 1		- 1					
FOR LAB USE ONL	Y	Т	Т	Т	_	M	ATF	VIV	F	ax					3		E	×				- 1					l
	1	15	ř.	1	T	Ī		VIA.	T	ľ	PRE:	SER	V. S	MPLING	7	1	F F	ВТЕХ			- 1	- 1					
Lab I.D. 24575 41	Sample I.D.	(G) BAB (D)	48	GROUNDIANATED	WASTEWATER	SOIL	100	20110	OTHER.	ACID/ODA	ICE / COO	OTHER:	DATE	TIME													
42	WW 23	0	-	1	+	Х					X		9/23/24		X	+	x	v	-	-	-						
43	WW 24	C	1	1	+	X	-	1		L	X		9/23/24		x		x	X	+	+	-	1					
44	WW 25	C	1	H	-	X	+			L	X		9/23/24		X		x	X	-	+	-						
45	WW 26	C	1	1	-	X	-	-	1		X		9/23/24		X	1	-	X	+	-	+						
46	WW 27	C	1	1	-	X		-	-		Х		9/23/24		X	1	-	x	+	+	-	-	-				
47	SW 6	C	1			X			1		X		9/23/24		X	X	-	X	+	-	-						
		1	1	-		X					Х		9/23/24		X	X	-	x	+	+	+	-	-	-			
																1	1	^	-								
												-												-			

linguished By:	Time:	Pauls ived By:	and a the above stated re	Verbal Peaulte Til	fes No	ide Ema	I Phone #: ail address:
livered By: (Circle One)	Date: Rece Time:  Observed Temp. °C			REMARKS:		omwe	techenv.com
	Corrected Temp. °C 8.8°C	INO NO	CHECKED BY: (Initials)	Turnaround Time: Thermometer ID #140 Correction Factor -0.6°C nail changes to celey.ke	Standard Rush	-	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C



October 01, 2024

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

RE: PAVO FRIO FLOW LINE

Enclosed are the results of analyses for samples received by the laboratory on 09/25/24 14:48.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Fax To:

Received: 09/25/2024 Sampling Date: 09/24/2024

Reported: 10/01/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20984 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 90 @ 7' (H245827-01)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2024	ND	2.00	100	2.00	7.23	
Toluene*	<0.050	0.050	09/27/2024	ND	2.07	103	2.00	7.53	
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.09	104	2.00	7.00	
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.44	107	6.00	7.17	
Total BTEX	<0.300	0.300	09/27/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/26/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2024	ND	198	99.0	200	2.23	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	181	90.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					
Surrogate: 1-Chlorooctane	82.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.7	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Received: 09/25/2024 Sampling Date: 09/24/2024

Reported: 10/01/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 91 @ 7' (H245827-02)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2024	ND	2.00	100	2.00	7.23	
Toluene*	<0.050	0.050	09/27/2024	ND	2.07	103	2.00	7.53	
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.09	104	2.00	7.00	
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.44	107	6.00	7.17	
Total BTEX	<0.300	0.300	09/27/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/26/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2024	ND	198	99.0	200	2.23	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	181	90.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					
Surrogate: 1-Chlorooctane	81.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.1	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 09/25/2024 Sampling Date: 09/24/2024

Reported: 10/01/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 117 @ 3' (H245827-03)

BTEX 8021B

DILX GOZID	11197	, kg	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2024	ND	2.00	100	2.00	7.23	
Toluene*	<0.050	0.050	09/27/2024	ND	2.07	103	2.00	7.53	
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.09	104	2.00	7.00	
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.44	107	6.00	7.17	
Total BTEX	<0.300	0.300	09/27/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	09/26/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2024	ND	198	99.0	200	2.23	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	181	90.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					
Surrogate: 1-Chlorooctane	80.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.3	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 09/25/2024 Sampling Date: 09/24/2024

Reported: 10/01/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 118 @ 3' (H245827-04)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2024	ND	2.00	100	2.00	7.23	
Toluene*	<0.050	0.050	09/27/2024	ND	2.07	103	2.00	7.53	
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.09	104	2.00	7.00	
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.44	107	6.00	7.17	
Total BTEX	<0.300	0.300	09/27/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/26/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2024	ND	198	99.0	200	2.23	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	181	90.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					
Surrogate: 1-Chlorooctane	80.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.5	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 09/25/2024 Sampling Date: 09/24/2024

Reported: 10/01/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 119 @ 3' (H245827-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2024	ND	2.00	100	2.00	7.23	
Toluene*	<0.050	0.050	09/27/2024	ND	2.07	103	2.00	7.53	
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.09	104	2.00	7.00	
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.44	107	6.00	7.17	
Total BTEX	<0.300	0.300	09/27/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/26/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2024	ND	198	99.0	200	2.23	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	181	90.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					
Surrogate: 1-Chlorooctane	82.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.5	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/25/2024 Sampling Date: 09/24/2024

Reported: 10/01/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 120 @ 3' (H245827-06)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2024	ND	2.00	100	2.00	7.23	
Toluene*	<0.050	0.050	09/27/2024	ND	2.07	103	2.00	7.53	
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.09	104	2.00	7.00	
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.44	107	6.00	7.17	
Total BTEX	<0.300	0.300	09/27/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/26/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2024	ND	198	99.0	200	2.23	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	181	90.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					
Surrogate: 1-Chlorooctane	85.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.5	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/25/2024 Sampling Date: 09/24/2024

Reported: 10/01/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 121 @ 3' (H245827-07)

BTEX 8021B

DILX GOZID	11197	, kg	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2024	ND	2.00	100	2.00	7.23	
Toluene*	<0.050	0.050	09/27/2024	ND	2.07	103	2.00	7.53	
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.09	104	2.00	7.00	
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.44	107	6.00	7.17	
Total BTEX	<0.300	0.300	09/27/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/26/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2024	ND	198	99.0	200	2.23	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	181	90.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					
Surrogate: 1-Chlorooctane	75.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.1	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/25/2024 Sampling Date: 09/24/2024

Reported: 10/01/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 122 @ 3' (H245827-08)

BTEX 8021B

	<u> </u>			. ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2024	ND	2.00	99.9	2.00	4.42	
Toluene*	<0.050	0.050	09/27/2024	ND	1.97	98.6	2.00	3.33	
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.05	103	2.00	2.07	
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.16	103	6.00	1.61	
Total BTEX	<0.300	0.300	09/27/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/26/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2024	ND	198	99.0	200	2.23	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	181	90.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					
Surrogate: 1-Chlorooctane	83.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.8	% 49.1-14	8						

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#### Analytical Results For:

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

Analyzed By: JH

09/25/2024 Reported: 10/01/2024

Project Name: PAVO FRIO FLOW LINE

Project Number: 20984

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

Sampling Date: 09/24/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

#### Sample ID: NW 6 (H245827-09)

Received:

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2024	ND	2.00	99.9	2.00	4.42	
Toluene*	<0.050	0.050	09/27/2024	ND	1.97	98.6	2.00	3.33	
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.05	103	2.00	2.07	
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.16	103	6.00	1.61	
Total BTEX	<0.300	0.300	09/27/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/26/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2024	ND	198	99.0	200	2.23	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	181	90.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					
Surrogate: 1-Chlorooctane	75.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.3	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/25/2024 Sampling Date: 09/24/2024

Reported: 10/01/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 20984 Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: NW 7 (H245827-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2024	ND	2.00	99.9	2.00	4.42	
Toluene*	<0.050	0.050	09/27/2024	ND	1.97	98.6	2.00	3.33	
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.05	103	2.00	2.07	
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.16	103	6.00	1.61	
Total BTEX	<0.300	0.300	09/27/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/26/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2024	ND	198	99.0	200	2.23	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	181	90.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					
Surrogate: 1-Chlorooctane	81.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.0	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 09/25/2024 Sampling Date: 09/24/2024

Reported: 10/01/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: Sample Received By: 20984 Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: EW 11 (H245827-11)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2024	ND	2.00	99.9	2.00	4.42	
Toluene*	<0.050	0.050	09/27/2024	ND	1.97	98.6	2.00	3.33	
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.05	103	2.00	2.07	
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.16	103	6.00	1.61	
Total BTEX	<0.300	0.300	09/27/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/26/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2024	ND	198	99.0	200	2.23	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	181	90.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					
Surrogate: 1-Chlorooctane	81.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.2	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 09/25/2024 Sampling Date: 09/24/2024

Reported: 10/01/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: EW 12 (H245827-12)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2024	ND	2.00	99.9	2.00	4.42	
Toluene*	<0.050	0.050	09/27/2024	ND	1.97	98.6	2.00	3.33	
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.05	103	2.00	2.07	
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.16	103	6.00	1.61	
Total BTEX	<0.300	0.300	09/27/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/26/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2024	ND	198	99.0	200	2.23	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	181	90.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					
Surrogate: 1-Chlorooctane	88.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.2	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 09/25/2024 Sampling Date: 09/24/2024

Reported: 10/01/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: SW 7 (H245827-13)

BTEX 8021B

DIEX GOZID	9/	- Kg	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2024	ND	2.00	99.9	2.00	4.42	
Toluene*	<0.050	0.050	09/27/2024	ND	1.97	98.6	2.00	3.33	
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.05	103	2.00	2.07	
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.16	103	6.00	1.61	
Total BTEX	<0.300	0.300	09/27/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/26/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2024	ND	198	99.0	200	2.23	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	181	90.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					
Surrogate: 1-Chlorooctane	80.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.8	% 49.1-14	8						

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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

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

16 of

Released to Imaging: 11/21/2025 3:22:32 PM

	(575) 393-2326 FAX (575) 393-247																Page 1 of 2	Pace
Company Name		_	nc.						BIL	LTO					ANALYSI	S REQUEST		6
Project Manager	r: Lance Crenshaw						P.0	). #:										14
Address: 261	7 West Marland						Cor	mpany		Mewbo	ourne					1 1 1		
City: Hobbs	State: NM	Zip		88240			Attr	n:		Connor Walk	ker				1 1	1 1 1		11
I I	5) 264-9884 Fax #:						Add	dress:								1 1 1		
Project #: 209			N	lewbou	irne		City	y:					=	a l		1 1 1		
,	Pavo Frio Flow Line						Sta	te:		Zip:		ge g	151	21				<b>1</b>
	n: 32.744072, -104.115361						Pho	one #:				Chloride	TPH (8015M)	(8021B)				
Sampler Name:							Fax	<b>(#</b> :				릇	H	X				
FOR LAB USE ONLY		Т	П		MATR	IX		PRESE	RV.	SAMP	LING	1	TP	втех				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME							
	FL 90 @ 7'	C	1		X			X		9/24/24		X	X	X				+
2	FL 91 @ 7'	С	1		X			X	Ш	9/24/24		Х	X	X			-1-1-	+
3	FL 117 @ 3'	С	1		Х			X		9/24/24		Х	Х	Х				
Y	FL 118 @ 3'	С	1		Х			X		9/24/24		Х	X	Х				$\perp$
5	FL 119 @ 3'	С	1		X			X		9/24/24		X	Х	Х				$\perp$
10	FL 120 @ 3'	C	1		х			X		9/24/24		X	Х	Х				$\perp$
	FL 121 @ 3'	С	1		X			X		9/24/24		X	Х	X				
8	FL 122 @ 3'	С	1		Х			X		9/24/24		X	Х	X				$\perp$
ă	NW 6	С	1		Х			X		9/24/24		X	X	X				$\perp$
10	NW 7 and Damages. Cardinal's liability and client's exclusive remedy for a	C	1		X			X		9/24/24		X	X	X				

analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

Relinquished By:	Date: Receive	ed By:		Verbal Result:		de Ema	I Phone #: ail address: techenv.com
Relinquished By:	Date: Receive	ed By:		REMARKS:			
	Observed Temp. °C \ \ O Corrected Temp. °C \ \ \ O C	COOI IIIIact	CHECKED BY: (Initials)	Turnaround Time: Thermometer ID #140 Correction Factor -0.6°C	Standard Rush		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C

Received by OCD: 11/7/2025 3:01:04 PM

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

		of	

ompany Name:	Etech Environmental & Safety Solut	ons, l	nc.				1		В	3/L	L TO					AN	ALYSIS	REQ	UEST		
oject Manager							P	0.#	:												
	7 West Marland						С	omp	any:		Mewbo	urne						. 1			
ty: Hobbs	State: NM	Zip	:	8824	10		A	ttn:		C	Connor Walk	rer									
	5) 264-9884 Fax #:						A	ddre	ss:												
roject #: 209	84 Project Owne	r:	- 1	Mewb	ourne	9	c	ity:						<u>\$</u>	B B						
	Pavo Frio Flow Line						s	tate:		2	Zip:		de	TPH (8015M)	(8021B)						
roject Location							P	hone	e #:				Chloride	(80	8					1 1	
ampler Name:	Patrick Muniez						_	ax #:		_			5	표	втех						
FOR LAB USE ONLY		₽.			MA	TRIX	T	PR	ESER	V.	SAMP	LING		F	Е П						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	ACID/BASE:	ICE / COOL V	OTHER:	DATE	TIME									
11	EW 11	С	1		X	_		T	Х	Т	9/24/24		Х	Х	Х						
12	EW 12	С	1		X				X	_	9/24/24		X	X	X					_	
13	SW 7	С	1		X		H	+	X	1	9/24/24		X	X	Х						
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analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

affiliates or successors arising out of or related to the perform.  Relinquished By:	Date Time:	ved By:	and the second second	Verbal Result: ☐ Ye All Results are emailed.	Please provid	de Ema	Phone #: ail address: ecchenv.com
Reflinguished By:		ved By:		REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C	Sample Condition Cool Intact  Yes Yes No No	CHECKED BY: (Initials)	Turnaround Time: Thermometer ID #140 Correction Factor -0.6°C	Standard Rush		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C



October 02, 2024

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

RE: PAVO FRIO FLOW LINE

Enclosed are the results of analyses for samples received by the laboratory on 10/01/24 8:27.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

I dx

Received: 10/01/2024 Sampling Date: 09/27/2024

Reported: 10/02/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20984 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: EW 15 B (H245939-01)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	ND	2.18	109	2.00	3.01	
Toluene*	<0.050	0.050	10/01/2024	ND	2.13	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.20	110	2.00	3.62	
Total Xylenes*	<0.150	0.150	10/01/2024	ND	6.58	110	6.00	3.79	
Total BTEX	<0.300	0.300	10/01/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	10/01/2024	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	205	103	200	1.17	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	183	91.5	200	3.28	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					
Surrogate: 1-Chlorooctane	99.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.4	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 10/01/2024 Sampling Date: 09/27/2024

Reported: 10/02/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: EW 17 B (H245939-02)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	ND	2.18	109	2.00	3.01	
Toluene*	<0.050	0.050	10/01/2024	ND	2.13	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.20	110	2.00	3.62	
Total Xylenes*	<0.150	0.150	10/01/2024	ND	6.58	110	6.00	3.79	
Total BTEX	<0.300	0.300	10/01/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	10/01/2024	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	205	103	200	1.17	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	183	91.5	200	3.28	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					
Surrogate: 1-Chlorooctane	94.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.0	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

 Received:
 10/01/2024
 Sampling Date:
 09/27/2024

 Reported:
 10/02/2024
 Sampling Type:
 Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20984 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: EW 26 B (H245939-03)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	ND	2.18	109	2.00	3.01	
Toluene*	<0.050	0.050	10/01/2024	ND	2.13	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.20	110	2.00	3.62	
Total Xylenes*	<0.150	0.150	10/01/2024	ND	6.58	110	6.00	3.79	
Total BTEX	<0.300	0.300	10/01/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	10/01/2024	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	205	103	200	1.17	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	183	91.5	200	3.28	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.3	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

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Celey & Keene



#### Analytical Results For:

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

Fax To:

Received: 10/01/2024 Sampling Date: 09/27/2024

Reported: 10/02/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: WW 10 B (H245939-04)

BTEX 8021B

	9,	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	ND	2.18	109	2.00	3.01	
Toluene*	<0.050	0.050	10/01/2024	ND	2.13	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.20	110	2.00	3.62	
Total Xylenes*	<0.150	0.150	10/01/2024	ND	6.58	110	6.00	3.79	
Total BTEX	<0.300	0.300	10/01/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13-	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	10/01/2024	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	205	103	200	1.17	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	183	91.5	200	3.28	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					
Surrogate: 1-Chlorooctane	88.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### **Notes and Definitions**

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

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Company Name: Etech Environmental & Safety Solutions, Inc.

Page 1 of 1

Page 7 of 7

Project Manag	er: Lance Crenshaw	y colutions						B	LL TO			ANALYSIS REQUEST								
	617 West Marland					P.0	#:					1			ANAL	7515	KEQI	JEST	_	_
City: Hobbs						Con	npan	ıy:	Mev	vbourne	7					-				
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	004					Add	ress	:			1									
	Pavo Frio Flow Line	Owner:	1	Mewbourne	е	City					1	_	-							
Project Location						State	9:		Zip:		0	NS.	8			- 1				1
Sampler Name	10 (.11000)					Phor	ne #:			Chloride	TPH (8015M)	(8021B)			- 1					
FOR LAB USE ONLY	Patrick Muniez				_	Fax i	<b>#</b> :				1 을	8	×							
		۵	П	MAT	TRIX	P	RESE	RV.	SAM	PLING	10	4	BTEX			- 1			1	
Lab I.D.	ab I.D. Sample I.D. (6)RAB OR (7)OMP. (7) SOIL X X X SOIL X X X X X X X X X X X X X X X X X X X		GROUNDWATER WASTEWATER SOIL	OIL	OTHER:	ICE / COOL	OTHER:	DATE	TIME		-	0								
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		С	1	X			X		9/27/24		x	X	X	+	+	-	-			
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rses. All claims including	Damages. Cardinal's liability and client's exclusive remedy those for negligence and any other cause whatsoever shall final be liable for incidental or consequental demonstration.	y for any claim ar	ising wh	ether based in co	intract or for	t, shall be	limited	fo the c	may al a state of							1		1		-
tes or successors arising inquished By:	out of or related to the performance of services hereunder	by Cardinal, rega	itation, b ardless o	usiness interrupti f whether such di By:	ions, loss of laim is base	use, or lo d upon an	ss of pro	rofits inc	urred by client, i stated reasons o	ts subsidiaries, or otherwise.	ult- f	Yes	□ No	Add	d'I Phon	ne #·				
linquished By:	Time: 0827 Date:	Rece	eived	Rodi	eig	n	e	y		II Results a	ire ema	iled. Pl	ease pro	vide Em	ail add	ress.				
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October 07, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: PAVO FRIO FLOW LINE

Enclosed are the results of analyses for samples received by the laboratory on 10/04/24 10:04.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Fax To:

Received: 10/04/2024 Sampling Date: 10/04/2024

Reported: 10/07/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20984 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: EW 17 C (H246050-01)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/05/2024	ND	2.13	107	2.00	3.90	
Toluene*	<0.050	0.050	10/05/2024	ND	2.16	108	2.00	4.84	
Ethylbenzene*	<0.050	0.050	10/05/2024	ND	2.18	109	2.00	5.37	
Total Xylenes*	<0.150	0.150	10/05/2024	ND	6.60	110	6.00	5.29	
Total BTEX	<0.300	0.300	10/05/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/07/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2024	ND	196	97.8	200	2.80	
DRO >C10-C28*	<10.0	10.0	10/05/2024	ND	199	99.5	200	0.272	
EXT DRO >C28-C36	<10.0	10.0	10/05/2024	ND					
Surrogate: 1-Chlorooctane	88.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.4	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Freene

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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ASE NOTE: Liability and	Damages. Cardinal's liability and client's exclusive remedy for any those for negligence and any other cause whatsnever shall be de-	-	_				_												

Relinquished By:	Date: Received By: Time:	Verbal Result:
Relinquished By:	Date: Received By:	pm@etechenv.com  REMARKS:  24 HOUR RUSH
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C Sample Condition Cool Intact Yes Yes	CHECKED BY: (Initials)  Thermometer ID #140 Correction Factor -0.6°C  CHECKED BY:  Standard Rush  Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes
FORM-006 R 3.5 08/05/24	110 - 110	Corrected Temp. °C



October 17, 2024

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

RE: PAVO FRIO FLOW LINE

Enclosed are the results of analyses for samples received by the laboratory on 10/11/24 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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Received: 10/11/2024 Sampling Date: 10/10/2024 Reported: 10/17/2024 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

A ..... I ..... . J .... 711

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: STOCKTON PIT (H246217-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/16/2024	ND	2.02	101	2.00	1.83	
Toluene*	<0.050	0.050	10/16/2024	ND	2.03	102	2.00	2.84	
Ethylbenzene*	<0.050	0.050	10/16/2024	ND	2.08	104	2.00	4.63	
Total Xylenes*	<0.150	0.150	10/16/2024	ND	6.33	105	6.00	4.79	
Total BTEX	<0.300	0.300	10/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/15/2024	ND	217	108	200	3.13	
DRO >C10-C28*	<10.0	10.0	10/15/2024	ND	209	105	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	10/15/2024	ND					
Surrogate: 1-Chlorooctane	98.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

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Celeg D. Freene



### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

Page 1 of 1

4 4 of ,

Company Name:	(575) 393-2326 FA	tal & Safety Solution	ns, I	nc.						BIL	L TO		ANALYSIS REQUEST								_	Pag
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January 28, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: PAVO FRIO FLOW LINE

Enclosed are the results of analyses for samples received by the laboratory on 01/27/25 8:13.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

Fax To:

Received: 01/27/2025 Sampling Date: 01/24/2025

Reported: 01/28/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20984 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

### Sample ID: FL 123 @ 4' (H250456-01)

BTEX 8021B

	****91	9							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	1.82	91.2	2.00	7.25	
Toluene*	<0.050	0.050	01/27/2025	ND	1.91	95.3	2.00	7.21	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.83	91.3	2.00	7.38	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.35	89.2	6.00	7.42	
Total BTEX	<0.300	0.300	01/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	01/27/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2025	ND	187	93.3	200	1.23	
DRO >C10-C28*	<10.0	10.0	01/27/2025	ND	209	105	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	01/27/2025	ND					
Surrogate: 1-Chlorooctane	85.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.3	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

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

 Received:
 01/27/2025
 Sampling Date:
 01/24/2025

 Reported:
 01/28/2025
 Sampling Type:
 Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact

Project Number: 20984 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 124 @ 4' (H250456-02)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	1.82	91.2	2.00	7.25	
Toluene*	<0.050	0.050	01/27/2025	ND	1.91	95.3	2.00	7.21	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.83	91.3	2.00	7.38	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.35	89.2	6.00	7.42	
Total BTEX	<0.300	0.300	01/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/27/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2025	ND	187	93.3	200	1.23	
DRO >C10-C28*	<10.0	10.0	01/27/2025	ND	209	105	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	01/27/2025	ND					
Surrogate: 1-Chlorooctane	98.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

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

Received: 01/27/2025 Sampling Date: 01/24/2025

Reported: 01/28/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 125 @ 4' (H250456-03)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	01/27/2025	ND	1.82	91.2	2.00	7.25	
Toluene*	< 0.050	0.050	01/27/2025	ND	1.91	95.3	2.00	7.21	
Ethylbenzene*	< 0.050	0.050	01/27/2025	ND	1.83	91.3	2.00	7.38	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.35	89.2	6.00	7.42	
Total BTEX	<0.300	0.300	01/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/27/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2025	ND	187	93.3	200	1.23	
DRO >C10-C28*	<10.0	10.0	01/27/2025	ND	209	105	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	01/27/2025	ND					
Surrogate: 1-Chlorooctane	90.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.4	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



## Analytical Results For:

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

Received: 01/27/2025 Sampling Date: 01/24/2025

Reported: 01/28/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: Sample Received By: 20984 Shalyn Rodriguez

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 126 @ 4' (H250456-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	1.82	91.2	2.00	7.25	
Toluene*	< 0.050	0.050	01/27/2025	ND	1.91	95.3	2.00	7.21	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.83	91.3	2.00	7.38	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.35	89.2	6.00	7.42	
Total BTEX	<0.300	0.300	01/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2025	ND	187	93.3	200	1.23	
DRO >C10-C28*	<10.0	10.0	01/27/2025	ND	209	105	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	01/27/2025	ND					
Surrogate: 1-Chlorooctane	95.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

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### Analytical Results For:

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

Analyzed By: JH

Received: 01/27/2025

Sampling Date: ( Sampling Type: S

01/24/2025 Soil

Reported: Project Name: 01/28/2025

Sampling Condition:

Cool & Intact

Project Name:

BTEX 8021B

PAVO FRIO FLOW LINE 20984

Sample Received By:

Shalyn Rodriguez

Project Number: Project Location:

MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 127 @ 4' (H250456-05)

	<u> </u>			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	1.82	91.2	2.00	7.25	
Toluene*	<0.050	0.050	01/27/2025	ND	1.91	95.3	2.00	7.21	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.83	91.3	2.00	7.38	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.35	89.2	6.00	7.42	
Total BTEX	<0.300	0.300	01/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2025	ND	187	93.3	200	1.23	
DRO >C10-C28*	<10.0	10.0	01/27/2025	ND	209	105	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	01/27/2025	ND					
Surrogate: 1-Chlorooctane	97.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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### Analytical Results For:

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

Received: 01/27/2025 Sampling Date: 01/24/2025

Reported: 01/28/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 128 @ 4' (H250456-06)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	1.82	91.2	2.00	7.25	
Toluene*	<0.050	0.050	01/27/2025	ND	1.91	95.3	2.00	7.21	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.83	91.3	2.00	7.38	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.35	89.2	6.00	7.42	
Total BTEX	<0.300	0.300	01/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/27/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2025	ND	187	93.3	200	1.23	
DRO >C10-C28*	<10.0	10.0	01/27/2025	ND	209	105	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	01/27/2025	ND					
Surrogate: 1-Chlorooctane	92.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.2	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 01/27/2025 Sampling Date: 01/24/2025

Reported: 01/28/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 129 @ 4' (H250456-07)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	1.82	91.2	2.00	7.25	
Toluene*	<0.050	0.050	01/27/2025	ND	1.91	95.3	2.00	7.21	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.83	91.3	2.00	7.38	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.35	89.2	6.00	7.42	
Total BTEX	<0.300	0.300	01/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/27/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2025	ND	187	93.3	200	1.23	
DRO >C10-C28*	<10.0	10.0	01/27/2025	ND	209	105	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	01/27/2025	ND					
Surrogate: 1-Chlorooctane	93.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.9	% 49.1-14	8						

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### Analytical Results For:

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

Received: 01/27/2025 Sampling Date: 01/24/2025

Reported: 01/28/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 130 @ 4' (H250456-08)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	1.82	91.2	2.00	7.25	
Toluene*	<0.050	0.050	01/27/2025	ND	1.91	95.3	2.00	7.21	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.83	91.3	2.00	7.38	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.35	89.2	6.00	7.42	
Total BTEX	<0.300	0.300	01/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2025	ND	187	93.3	200	1.23	
DRO >C10-C28*	<10.0	10.0	01/27/2025	ND	209	105	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	01/27/2025	ND					
Surrogate: 1-Chlorooctane	93.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.8	% 49.1-14	8						

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### Analytical Results For:

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

Received: 01/27/2025 Sampling Date: 01/24/2025

Reported: 01/28/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 131 @ 4' (H250456-09)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	2.00	100	2.00	6.35	
Toluene*	<0.050	0.050	01/27/2025	ND	2.02	101	2.00	8.93	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	2.01	100	2.00	9.80	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	6.14	102	6.00	8.63	
Total BTEX	<0.300	0.300	01/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2025	ND	187	93.3	200	1.23	
DRO >C10-C28*	<10.0	10.0	01/27/2025	ND	209	105	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	01/27/2025	ND					
Surrogate: 1-Chlorooctane	92.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.3	% 49.1-14	8						

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### Analytical Results For:

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

Received: 01/27/2025 Sampling Date: 01/24/2025

Reported: 01/28/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 132 @ 4' (H250456-10)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	2.00	100	2.00	6.35	
Toluene*	<0.050	0.050	01/27/2025	ND	2.02	101	2.00	8.93	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	2.01	100	2.00	9.80	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	6.14	102	6.00	8.63	
Total BTEX	<0.300	0.300	01/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/27/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2025	ND	187	93.3	200	1.23	
DRO >C10-C28*	<10.0	10.0	01/27/2025	ND	209	105	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	01/27/2025	ND					
Surrogate: 1-Chlorooctane	93.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.2	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 01/27/2025 Sampling Date: 01/24/2025

Reported: 01/28/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 133 @ 4' (H250456-11)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	2.00	100	2.00	6.35	
Toluene*	<0.050	0.050	01/27/2025	ND	2.02	101	2.00	8.93	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	2.01	100	2.00	9.80	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	6.14	102	6.00	8.63	
Total BTEX	<0.300	0.300	01/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/27/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2025	ND	187	93.3	200	1.23	
DRO >C10-C28*	<10.0	10.0	01/27/2025	ND	209	105	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	01/27/2025	ND					
Surrogate: 1-Chlorooctane	91.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.6	% 49.1-14	8						

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### Analytical Results For:

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

Received: 01/27/2025 Sampling Date: 01/24/2025

Reported: 01/28/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 20984 Shalyn Rodriguez

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 134 @ 4' (H250456-12)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	2.00	100	2.00	6.35	
Toluene*	<0.050	0.050	01/27/2025	ND	2.02	101	2.00	8.93	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	2.01	100	2.00	9.80	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	6.14	102	6.00	8.63	
Total BTEX	<0.300	0.300	01/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/27/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2025	ND	187	93.3	200	1.23	
DRO >C10-C28*	<10.0	10.0	01/27/2025	ND	209	105	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	01/27/2025	ND					
Surrogate: 1-Chlorooctane	89.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.4	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Received: 01/27/2025 Sampling Date: 01/24/2025

Reported: 01/28/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 135 @ 4' (H250456-13)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	2.00	100	2.00	6.35	
Toluene*	<0.050	0.050	01/27/2025	ND	2.02	101	2.00	8.93	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	2.01	100	2.00	9.80	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	6.14	102	6.00	8.63	
Total BTEX	<0.300	0.300	01/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/27/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2025	ND	187	93.3	200	1.23	
DRO >C10-C28*	<10.0	10.0	01/27/2025	ND	209	105	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	01/27/2025	ND					
Surrogate: 1-Chlorooctane	88.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

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

Received: 01/27/2025 Sampling Date: 01/24/2025

Reported: 01/28/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 136 @ 4' (H250456-14)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	2.00	100	2.00	6.35	
Toluene*	<0.050	0.050	01/27/2025	ND	2.02	101	2.00	8.93	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	2.01	100	2.00	9.80	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	6.14	102	6.00	8.63	
Total BTEX	<0.300	0.300	01/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/27/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2025	ND	200	99.9	200	2.23	
DRO >C10-C28*	<10.0	10.0	01/27/2025	ND	194	97.1	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	01/27/2025	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 01/27/2025 Sampling Date: 01/24/2025

Reported: 01/28/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 137 @ 4' (H250456-15)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	2.00	100	2.00	6.35	
Toluene*	<0.050	0.050	01/27/2025	ND	2.02	101	2.00	8.93	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	2.01	100	2.00	9.80	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	6.14	102	6.00	8.63	
Total BTEX	<0.300	0.300	01/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2025	ND	200	99.9	200	2.23	
DRO >C10-C28*	<10.0	10.0	01/27/2025	ND	194	97.1	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	01/27/2025	ND					
Surrogate: 1-Chlorooctane	116	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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Celey & Keene



### Analytical Results For:

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

Fax To:

Received: 01/27/2025 Sampling Date: 01/24/2025

Reported: 01/28/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 138 @ 4' (H250456-16)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	2.00	100	2.00	6.35	
Toluene*	<0.050	0.050	01/27/2025	ND	2.02	101	2.00	8.93	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	2.01	100	2.00	9.80	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	6.14	102	6.00	8.63	
Total BTEX	<0.300	0.300	01/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2025	ND	200	99.9	200	2.23	
DRO >C10-C28*	<10.0	10.0	01/27/2025	ND	194	97.1	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	01/27/2025	ND					
Surrogate: 1-Chlorooctane	117	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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Celey D. Kreine



### Analytical Results For:

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

Fax To:

Received: 01/27/2025 Sampling Date: 01/24/2025

Reported: 01/28/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: Sample Received By: 20984 Shalyn Rodriguez

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 139 @ 4' (H250456-17)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	2.12	106	2.00	0.750	
Toluene*	<0.050	0.050	01/27/2025	ND	2.28	114	2.00	2.19	
Ethylbenzene*	< 0.050	0.050	01/27/2025	ND	2.52	126	2.00	3.13	
Total Xylenes*	< 0.150	0.150	01/27/2025	ND	7.76	129	6.00	2.61	
Total BTEX	<0.300	0.300	01/27/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	129 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2025	ND	200	99.9	200	2.23	
DRO >C10-C28*	<10.0	10.0	01/27/2025	ND	194	97.1	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	01/27/2025	ND					
Surrogate: 1-Chlorooctane	114 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	6 49.1-14	8						

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Celey D. Keene



### **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.

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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Celeg D. Freene

3:01:04 PM

Received by OCD: 11/7/2025



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1	of 2
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Company Name	101 East Marland, Hobbs, NM 882 (575) 393-2326 FAX (575) 393-24 e: Etech Environmental & Safety Soluti	76	Inc.			_			RI	LL TO						WALAL V	CIC DI	EQUEST	Page	1 of 2
Project Manage							P.0	0. #:	<i>D</i> ,	LL IU		-			ı í	ANALT	SIS KE	QUEST		
Address: 26	17 West Marland						$\vdash$	mpan	v:	SEE RE	MARKS	1								1 1
City: Hobbs	State: NM	Zip	:	88240			Att		,-	022112	and to the	1								
Phone #: (57	75) 264-9884 Fax #:	•						dress				1								
Project #: 209	984 Project Owner		- 1	Mewbou	rne		Cit	v:				1	_	~						
roject Name:	Pavo Frio Flow Line							ate:		Zip:		9	TPH (8015M)	(8021B)						
Project Locatio	n: 32.744072, -104.115361						Ph	one #:				Chloride	9	80				1 1	- 1	1 1
Sampler Name:	Dominic Casarez						_	x #:				Ĕ	=	×				1 1		1 1
FOR LAB USE ONLY		IP.	П	N.	MATR	X		PRES	ERV.	SAMF	LING	1	T P	ВТЕХ						
<b>Lab I.D.</b> H250456	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME									
1	FL 123 @ 4'	С	1		Х			X		1/24/25		х	Х	х						
3	FL 124 @ 4'	С	1		Х			Х		1/24/25		х	х	х						
3	FL 125 @ 4'	С	1		Х			X		1/24/25		Х	Х	Х					1	
	FL 126 @ 4'	С	1		Х			X		1/24/25		Х	Х	Х						
	FL 127 @ 4'	С	1		Х			X		1/24/25		Х	Х	X						
	FL 128 @ 4'	С	1		X	1		X		1/24/25		Х	Х	Х						
	FL 129 @ 4'	С	1		X	1		X		1/24/25		Х	Х	Х						
	FL 130 @ 4'	С	1		X	-		X		1/24/25		Х	Х	Х						
	FL 131 @ 4'	С	1		X	-		X		1/24/25		Х	Х	Х				11		
(0	FL 132 @ 4' nd Damages. Cardinal's liability and client's exclusive remedy for an	С	.1		X			X		1/24/25		X	Χ	X						

analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

Relinquished By:	Date: 1-27-25 Time: 0 × 13	Received By: Specifically Speci	eis	Verbal Result: Y		de Em	I Phone #: ail address: techenv.com
Rélinquished By:	Time:	Received By:		REMARKS: 24 HOUR RUSH - Bill ar to Etech c/o Lance Crei	nalytical charg	es to N	lewbourne c/o Connor Walker and rush charges
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C	Sample Condition Cool Intact Yee Yes No No	CHECKED BY:	Turnaround Time: Thermometer ID #140 Correction Factor -0.6°C	Standard Rush	X	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

age	2	of	2	
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Released to Imaging: 11/21/2025 3:22:32 PM

Company Name	e: Etech Environmental & Safety Sol	2476 utions,	Inc.						BI	LL TO		Г	_		ΔΝΔΙ ۷9	IS REQUEST	Page 2 of	1 2
roject Manage	er: Lance Crenshaw						P.0					-			AIVALIS	REQUEST		_
ddress: 26	17 West Marland						Con	npany	:	SEE RE	MARKS	1						
ty: Hobbs	State: NN	1 Zip	):	88240			Attr					1						
none #: (57	75) 264-9884 Fax #:						Add	iress:				1						
roject #: 209	984 Project Own	er:		Mewbou	rne		City	:				1	_	@				
roject Name:	Pavo Frio Flow Line						Stat	te:		Zip:		e	TPH (8015M)	(8021B)				
roject Locatio	n: 32.744072, -104.115361						Pho	ne #:				Chloride	801	80				
ampler Name:	Dominic Casarez						Fax	#:				1 Ă	I	×				
FOR LAB USE ONLY		0	Γ	N	IATRI)	(	T	PRESE	RV.	SAMP	LING	1 ~	4	ВТЕХ		1 1 1		
<b>Lab I.D.</b>	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME							
11	FL 133 @ 4'	С	1		Х		T	X		1/24/25		Х	Х	Х				
12	FL 134 @ 4'	С	1		Х			X		1/24/25		Х	Х	Х				
13	FL 135 @ 4'	С	1		Х			X		1/24/25		Х	Х	X				
14	FL 136 @ 4'	С	1		X		1	Х	-	1/24/25		Х	Х	Х				
T	FL 137 @ 4'	С	1		X		1	X	-	1/24/25		Х	Х	Х				
14	FL 138 @ 4'	С	1		X		4	X	-	1/24/25		Х	Х	Х				
	FL 139 @ 4'	C	1 4		X		- 1	X	- 1	1/24/25		X	X	X				

service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

Relinquished BV:	Date: 1-27-25 Time: 0813	Received By: Spalligney	Verbal Result:
Relinquished By: Y	Date:	Received By:	REMARKS:
	Time:		24 HOUR RUSH - Bill analytical charges to Mewbourne c/o Connor Walker and rush charges to Etech c/o Lance Crenshaw.
Delivered By: (Circle One)	Observed Temp. °C	Sample Condition CHECKED BY Cool Intact (Initials)	/: Turnaround Time: Standard
Sampler - UPS - Bus - Other:	Corrected Temp. °C		Thermometer ID #140



February 03, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: PAVO FRIO FLOW LINE

Enclosed are the results of analyses for samples received by the laboratory on 01/29/25 15:10.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



01/27/2025

### Analytical Results For:

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

Received: 01/29/2025 Sampling Date:

Reported: 02/03/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20984 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 123 @ 5' (H250538-01)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2025	ND	2.15	107	2.00	1.65	
Toluene*	<0.050	0.050	01/31/2025	ND	2.19	110	2.00	5.53	
Ethylbenzene*	<0.050	0.050	01/31/2025	ND	2.20	110	2.00	7.11	
Total Xylenes*	<0.150	0.150	01/31/2025	ND	6.37	106	6.00	9.55	
Total BTEX	<0.300	0.300	01/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 %	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/30/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2025	ND	198	99.0	200	0.0859	
DRO >C10-C28*	<10.0	10.0	01/30/2025	ND	191	95.7	200	0.243	
EXT DRO >C28-C36	<10.0	10.0	01/30/2025	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

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## Analytical Results For:

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

Received: 01/29/2025 Sampling Date: 01/27/2025

Reported: 02/03/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 140 @ 4' (H250538-02)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2025	ND	2.15	107	2.00	1.65	
Toluene*	<0.050	0.050	01/31/2025	ND	2.19	110	2.00	5.53	
Ethylbenzene*	<0.050	0.050	01/31/2025	ND	2.20	110	2.00	7.11	
Total Xylenes*	<0.150	0.150	01/31/2025	ND	6.37	106	6.00	9.55	
Total BTEX	<0.300	0.300	01/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/30/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2025	ND	198	99.0	200	0.0859	
DRO >C10-C28*	<10.0	10.0	01/30/2025	ND	191	95.7	200	0.243	
EXT DRO >C28-C36	<10.0	10.0	01/30/2025	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 01/29/2025 Sampling Date: 01/27/2025

Reported: 02/03/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20984 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 141 @ 4' (H250538-03)

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	01/31/2025	ND	2.20	110	2.00	0.283	
Toluene*	<0.050	0.050	01/31/2025	ND	2.07	103	2.00	1.45	
Ethylbenzene*	<0.050	0.050	01/31/2025	ND	2.29	115	2.00	0.00210	
Total Xylenes*	<0.150	0.150	01/31/2025	ND	6.92	115	6.00	0.888	
Total BTEX	<0.300	0.300	01/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	6 71.5-13	4						
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	01/30/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2025	ND	198	99.0	200	0.0859	
DRO >C10-C28*	<10.0	10.0	01/30/2025	ND	191	95.7	200	0.243	
EXT DRO >C28-C36	<10.0	10.0	01/30/2025	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 01/29/2025 Sampling Date: 01/27/2025

Reported: 02/03/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 142 @ 4' (H250538-04)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2025	ND	2.20	110	2.00	0.283	
Toluene*	<0.050	0.050	01/31/2025	ND	2.07	103	2.00	1.45	
Ethylbenzene*	<0.050	0.050	01/31/2025	ND	2.29	115	2.00	0.00210	
Total Xylenes*	<0.150	0.150	01/31/2025	ND	6.92	115	6.00	0.888	
Total BTEX	<0.300	0.300	01/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/30/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2025	ND	198	99.0	200	0.0859	
DRO >C10-C28*	<10.0	10.0	01/30/2025	ND	191	95.7	200	0.243	
EXT DRO >C28-C36	<10.0	10.0	01/30/2025	ND					
Surrogate: 1-Chlorooctane	99.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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### Analytical Results For:

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

Received: 01/29/2025 Sampling Date: 01/27/2025

Reported: 02/03/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: Sample Received By: 20984 Shalyn Rodriguez

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 143 @ 4' (H250538-05)

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	01/31/2025	ND	2.20	110	2.00	0.283	
Toluene*	<0.050	0.050	01/31/2025	ND	2.07	103	2.00	1.45	
Ethylbenzene*	<0.050	0.050	01/31/2025	ND	2.29	115	2.00	0.00210	
Total Xylenes*	<0.150	0.150	01/31/2025	ND	6.92	115	6.00	0.888	
Total BTEX	<0.300	0.300	01/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	71.5-13	4						
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	01/30/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2025	ND	198	99.0	200	0.0859	
DRO >C10-C28*	<10.0	10.0	01/30/2025	ND	191	95.7	200	0.243	
EXT DRO >C28-C36	<10.0	10.0	01/30/2025	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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### Analytical Results For:

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

Received: 01/29/2025 Sampling Date: 01/27/2025

Reported: 02/03/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 144 @ 4' (H250538-06)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2025	ND	2.20	110	2.00	0.283	
Toluene*	<0.050	0.050	01/31/2025	ND	2.07	103	2.00	1.45	
Ethylbenzene*	<0.050	0.050	01/31/2025	ND	2.29	115	2.00	0.00210	
Total Xylenes*	<0.150	0.150	01/31/2025	ND	6.92	115	6.00	0.888	
Total BTEX	<0.300	0.300	01/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/30/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2025	ND	198	99.0	200	0.0859	
DRO >C10-C28*	<10.0	10.0	01/30/2025	ND	191	95.7	200	0.243	
EXT DRO >C28-C36	<10.0	10.0	01/30/2025	ND					
Surrogate: 1-Chlorooctane	97.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.6	% 49.1-14	8						

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## Analytical Results For:

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

Received: 01/29/2025 Sampling Date: 01/27/2025

Reported: 02/03/2025 Project Name: PAVO FRIO FLOW LINE Sampling Type: Soil

Project Number: 20984 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 145 @ 4' (H250538-07)

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	01/31/2025	ND	2.20	110	2.00	0.283	
Toluene*	<0.050	0.050	01/31/2025	ND	2.07	103	2.00	1.45	
Ethylbenzene*	<0.050	0.050	01/31/2025	ND	2.29	115	2.00	0.00210	
Total Xylenes*	<0.150	0.150	01/31/2025	ND	6.92	115	6.00	0.888	
Total BTEX	<0.300	0.300	01/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	71.5-13	4						
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	01/30/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2025	ND	198	99.0	200	0.0859	
DRO >C10-C28*	<10.0	10.0	01/30/2025	ND	191	95.7	200	0.243	
EXT DRO >C28-C36	<10.0	10.0	01/30/2025	ND					
Surrogate: 1-Chlorooctane	77.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.9	% 49.1-14	8						

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### Analytical Results For:

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

Received: 01/29/2025

Sampling Date: 01/27/2025

Reported: 02/03/2025 PAVO FRIO FLOW LINE Sampling Type: Soil

Project Name: Project Number: 20984 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 146 @ 4' (H250538-08)

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	01/31/2025	ND	2.20	110	2.00	0.283	
Toluene*	<0.050	0.050	01/31/2025	ND	2.07	103	2.00	1.45	
Ethylbenzene*	<0.050	0.050	01/31/2025	ND	2.29	115	2.00	0.00210	
Total Xylenes*	<0.150	0.150	01/31/2025	ND	6.92	115	6.00	0.888	
Total BTEX	<0.300	0.300	01/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	6 71.5-13	4						
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	01/30/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2025	ND	178	89.0	200	6.57	
DRO >C10-C28*	<10.0	10.0	01/30/2025	ND	212	106	200	6.92	
EXT DRO >C28-C36	<10.0	10.0	01/30/2025	ND					
Surrogate: 1-Chlorooctane	108 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123 9	% 49.1-14	8						

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01/27/2025

### Analytical Results For:

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

Received: 01/29/2025 Sampling Date:

Reported: 02/03/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: Sample Received By: 20984 Shalyn Rodriguez

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 147 @ 4' (H250538-09)

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	01/31/2025	ND	2.20	110	2.00	0.283	
Toluene*	<0.050	0.050	01/31/2025	ND	2.07	103	2.00	1.45	
Ethylbenzene*	<0.050	0.050	01/31/2025	ND	2.29	115	2.00	0.00210	
Total Xylenes*	<0.150	0.150	01/31/2025	ND	6.92	115	6.00	0.888	
Total BTEX	<0.300	0.300	01/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/30/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2025	ND	178	89.0	200	6.57	
DRO >C10-C28*	<10.0	10.0	01/30/2025	ND	212	106	200	6.92	
EXT DRO >C28-C36	<10.0	10.0	01/30/2025	ND					
Surrogate: 1-Chlorooctane	112 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127 9	% 49.1-14	8						

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### Analytical Results For:

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

Received: 01/29/2025 Sampling Date: 01/27/2025

Reported: 02/03/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 148 @ 4' (H250538-10)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2025	ND	2.20	110	2.00	0.283	
Toluene*	<0.050	0.050	01/31/2025	ND	2.07	103	2.00	1.45	
Ethylbenzene*	<0.050	0.050	01/31/2025	ND	2.29	115	2.00	0.00210	
Total Xylenes*	<0.150	0.150	01/31/2025	ND	6.92	115	6.00	0.888	
Total BTEX	<0.300	0.300	01/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/30/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2025	ND	178	89.0	200	6.57	
DRO >C10-C28*	<10.0	10.0	01/30/2025	ND	212	106	200	6.92	
EXT DRO >C28-C36	<10.0	10.0	01/30/2025	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 01/29/2025 Sampling Date: 01/27/2025

Reported: 02/03/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 149 @ 4' (H250538-11)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2025	ND	2.20	110	2.00	0.283	
Toluene*	<0.050	0.050	01/31/2025	ND	2.07	103	2.00	1.45	
Ethylbenzene*	<0.050	0.050	01/31/2025	ND	2.29	115	2.00	0.00210	
Total Xylenes*	<0.150	0.150	01/31/2025	ND	6.92	115	6.00	0.888	
Total BTEX	<0.300	0.300	01/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/30/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2025	ND	178	89.0	200	6.57	
DRO >C10-C28*	<10.0	10.0	01/30/2025	ND	212	106	200	6.92	
EXT DRO >C28-C36	<10.0	10.0	01/30/2025	ND					
Surrogate: 1-Chlorooctane	111 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

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### Analytical Results For:

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

Received: 01/29/2025 Sampling Date: 01/27/2025

Reported: 02/03/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 150 @ 4' (H250538-12)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2025	ND	2.20	110	2.00	0.283	
Toluene*	<0.050	0.050	01/31/2025	ND	2.07	103	2.00	1.45	
Ethylbenzene*	<0.050	0.050	01/31/2025	ND	2.29	115	2.00	0.00210	
Total Xylenes*	<0.150	0.150	01/31/2025	ND	6.92	115	6.00	0.888	
Total BTEX	<0.300	0.300	01/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/30/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2025	ND	178	89.0	200	6.57	
DRO >C10-C28*	<10.0	10.0	01/30/2025	ND	212	106	200	6.92	
EXT DRO >C28-C36	<10.0	10.0	01/30/2025	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

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Celeg D. Freene



### Analytical Results For:

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

Fax To:

Received: 01/29/2025 Sampling Date: 01/27/2025

Reported: 02/03/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 151 @ 4' (H250538-13)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2025	ND	2.20	110	2.00	0.283	
Toluene*	<0.050	0.050	01/31/2025	ND	2.07	103	2.00	1.45	
Ethylbenzene*	<0.050	0.050	01/31/2025	ND	2.29	115	2.00	0.00210	
Total Xylenes*	<0.150	0.150	01/31/2025	ND	6.92	115	6.00	0.888	
Total BTEX	<0.300	0.300	01/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/30/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2025	ND	178	89.0	200	6.57	
DRO >C10-C28*	<10.0	10.0	01/30/2025	ND	212	106	200	6.92	
EXT DRO >C28-C36	<10.0	10.0	01/30/2025	ND					
Surrogate: 1-Chlorooctane	112	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

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### Analytical Results For:

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

Received: 01/29/2025 Sampling Date: 01/27/2025

Reported: 02/03/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: Sample Received By: 20984 Shalyn Rodriguez

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 152 @ 4' (H250538-14)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS %	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2025	ND	2.20	110	2.00	0.283	
Toluene*	<0.050	0.050	01/31/2025	ND	2.07	103	2.00	1.45	
Ethylbenzene*	<0.050	0.050	01/31/2025	ND	2.29	115	2.00	0.00210	
Total Xylenes*	<0.150	0.150	01/31/2025	ND	6.92	115	6.00	0.888	
Total BTEX	<0.300	0.300	01/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	6 71.5-13	4						
Chloride, SM4500Cl-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	01/30/2025	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	01/30/2025	ND	178	89.0	200	6.57	
DRO >C10-C28*	<10.0	10.0	01/30/2025	ND	212	106	200	6.92	
EXT DRO >C28-C36	<10.0	10.0	01/30/2025	ND					
Surrogate: 1-Chlorooctane	112 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	128 9	% 49.1-14	8						

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## Analytical Results For:

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

Received: 01/29/2025 Sampling Date: 01/27/2025

Reported: 02/03/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

### Sample ID: FL 153 @ 4' (H250538-15)

RTFY 8021R

BIEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2025	ND	2.20	110	2.00	0.283	
Toluene*	<0.050	0.050	01/31/2025	ND	2.07	103	2.00	1.45	
Ethylbenzene*	<0.050	0.050	01/31/2025	ND	2.29	115	2.00	0.00210	
Total Xylenes*	<0.150	0.150	01/31/2025	ND	6.92	115	6.00	0.888	
Total BTEX	<0.300	0.300	01/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 % 71.5-13		4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/30/2025	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	01/30/2025	ND	178	89.0	200	6.57	
DRO >C10-C28*	<10.0	10.0	01/30/2025	ND	212	106	200	6.92	
EXT DRO >C28-C36	<10.0	10.0	01/30/2025	ND					
Surrogate: 1-Chlorooctane	110	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

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#### Analytical Results For:

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

Analyzed By: JH

Sampling Date:

01/27/2025

Reported:

01/29/2025 02/03/2025

Sampling Type:

Soil

Project Name:

Received:

BTEX 8021B

PAVO FRIO FLOW LINE

Sampling Condition:

Cool & Intact

Project Number:

20984

Sample Received By:

Shalyn Rodriguez

Project Location:

MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 154 @ 4' (H250538-16)

	9/	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2025	ND	2.20	110	2.00	0.283	
Toluene*	<0.050	0.050	01/31/2025	ND	2.07	103	2.00	1.45	
Ethylbenzene*	<0.050	0.050	01/31/2025	ND	2.29	115	2.00	0.00210	
Total Xylenes*	<0.150	0.150	01/31/2025	ND	6.92	115	6.00	0.888	
Total BTEX	<0.300	0.300	01/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/30/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2025	ND	178	89.0	200	6.57	
DRO >C10-C28*	<10.0	10.0	01/30/2025	ND	212	106	200	6.92	
EXT DRO >C28-C36	<10.0	10.0	01/30/2025	ND					
Surrogate: 1-Chlorooctane	114 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	128	% 49.1-14	8						

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#### Analytical Results For:

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

Analyzed By: JH

Received: 01/29/2025

Sampling Date:

01/27/2025

Reported:

02/03/2025

Sampling Type:

Soil

Project Name:

BTEX 8021B

PAVO FRIO FLOW LINE

Sampling Condition:

Cool & Intact

Project Number:

20984

Sample Received By:

Shalyn Rodriguez

Project Location:

MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 155 @ 4' (H250538-17)

	91	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2025	ND	2.20	110	2.00	0.283	
Toluene*	<0.050	0.050	01/31/2025	ND	2.07	103	2.00	1.45	
Ethylbenzene*	<0.050	0.050	01/31/2025	ND	2.29	115	2.00	0.00210	
Total Xylenes*	<0.150	0.150	01/31/2025	ND	6.92	115	6.00	0.888	
Total BTEX	<0.300	0.300	01/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 %	% 71.5-13-	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/30/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2025	ND	178	89.0	200	6.57	
DRO >C10-C28*	<10.0	10.0	01/30/2025	ND	212	106	200	6.92	
EXT DRO >C28-C36	<10.0	10.0	01/30/2025	ND					
Surrogate: 1-Chlorooctane	113 %	48.2-13-	4						
Surrogate: 1-Chlorooctadecane	127 9	% 49.1-14	8						

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Celeg D. Freene

Celey D. Keene, Lab Director/Quality Manager

\*=Accredited Analyte



#### Analytical Results For:

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

Received: 01/29/2025 Sampling Date: 01/27/2025

Reported: 02/03/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 156 @ 4' (H250538-18)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2025	ND	2.20	110	2.00	0.283	
Toluene*	<0.050	0.050	01/31/2025	ND	2.07	103	2.00	1.45	
Ethylbenzene*	<0.050	0.050	01/31/2025	ND	2.29	115	2.00	0.00210	
Total Xylenes*	<0.150	0.150	01/31/2025	ND	6.92	115	6.00	0.888	
Total BTEX	<0.300	0.300	01/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/30/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2025	ND	178	89.0	200	6.57	
DRO >C10-C28*	<10.0	10.0	01/30/2025	ND	212	106	200	6.92	
EXT DRO >C28-C36	<10.0	10.0	01/30/2025	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 01/29/2025 Sampling Date: 01/27/2025

Reported: 02/03/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 157 @ 4' (H250538-19)

RTFY 8021R

Result	Reporting Limit	Analyzed						
0.050		Allalyzeu	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	01/31/2025	ND	2.20	110	2.00	0.283	
<0.050	0.050	01/31/2025	ND	2.07	103	2.00	1.45	
<0.050	0.050	01/31/2025	ND	2.29	115	2.00	0.00210	
<0.150	0.150	01/31/2025	ND	6.92	115	6.00	0.888	
<0.300	0.300	01/31/2025	ND					
116	% 71.5-13	4						
mg,	/kg	Analyze	d By: CT					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
32.0	16.0	01/30/2025	ND	432	108	400	3.77	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	01/30/2025	ND	178	89.0	200	6.57	
<10.0	10.0	01/30/2025	ND	212	106	200	6.92	
<10.0	10.0	01/30/2025	ND					
111 9	% 48.2-13	4						
123	% 49.1-14	8						
	<0.050 <0.150 <0.300  116 9  Result 32.0  mg/  Result <10.0 <10.0  111 9	<0.050 0.050 <0.050 0.050 <0.150 0.150 <0.300 0.300   116 % 71.5-13  mg/kg  Result Reporting Limit  32.0 16.0  mg/kg  Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### **Notes and Definitions**

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

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

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Celeg D. Freene

3:01:04 PM

Received by OCD: 11/7/2025



# **CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

Page 1 of 2

age 22 of 23

Company Name	e: Etech Environmental & Safety Solut	tions,	Inc.						BI	LL TO					ANALYS	S REQ	UEST	r age i oi	
Project Manage	er: Lance Crenshaw						P.O.	#:											$\neg$
Address: 26	17 West Marland						Con	pany:	:	Mewb	ourne	1				1 1			
City: Hobbs	State: NM	Zij	o:	88240	)		Attn	:		Connor Wa	lker	1							
Phone #: (57	75) 264-9884 Fax #:						Add	ress:											
Project #: 209	984 Project Owne	r:	1	Mewbo	urne		City					1	_	<u></u>					
Project Name:	Pavo Frio Flow Line						Stat			Zip:		9	5M	(8021B)		1 1		1 1	
Project Locatio	n: 32.744072, -104.115361						Pho	ne #:				1 g	301	80		1 1			
Sampler Name:	Dominic Casarez						Fax	#:				Chloride	TPH (8015M)	×					
FOR LAB USE ONLY		T	П		MATR	XIX	F	RESE	RV.	SAMP	LING	10	1	ВТЕХ		1 1			
Lab I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ICE / COOL	OTHER:	DATE	TIME								
	FL 123 @ 5'	С	1		X			X		1/27/25		Х	Х	Х					
	FL 140 @ 4'	С	1		Х			Х		1/27/25		Х	Х	X					
	FL 141 @ 4'	С	1		Х			X		1/27/25		X	Х	Х					
	FL 142 @ 4'	С	1		X			X		1/27/25		X	Х	Х					
5	FL 143 @ 4'	C	1		X			X		1/27/25		Х	Х	х					
6	FL 144 @ 4'	C	1		X			Х		1/27/25		X	Х	х					
	FL 145 @ 4'	C	1		X			X		1/27/25		х	Х	х					
89	FL 146 @ 4'	C	1		Х			X		1/27/25		х	Х	х					
	FL 147 @ 4'	С	1		Х			Х	1	1/27/25		Х	Х	X					
10	FL 148 @ 4' nd Damages. Cardinal's liability and client's exclusive remedy for a	С	1		Х			X	1	1/27/25		X	X	X		1			+

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Relinquished By:	Date: 139.25 Time: 1510	Received By: SPODROY	ney	Verbal Result:   All Results are emailed.	. Please provi	de Ema	I Phone #: ail address: techenv.com
Refingérshed By:	Date:	Received By:		REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C -	Cool Intact	CHECKED BY:	Turnaround Time:  Thermometer ID #140 Correction Factor -0.6°C	Standard Rush		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C

Received by OCD: 11/7/2025



### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 2 of 2

23 of 23

Company Name	: Etech Environmental & Safety Solution	ons,	Inc.				100		BI	LL TO					ANAL	SIS RI	EQUEST	, ago z oi z	<b>−</b> 16
Project Manage	r: Lance Crenshaw						P.	0. #:											宀
Address: 261	7 West Marland						Co	mpa	ny:	Mewb	oume	1							
City: Hobbs	State: NM	Zip	:	88240	0		At	tn:		Connor Wal	lker								
Phone #: (57	5) 264-9884 Fax #:						Ad	ldres	s:										
Project #: 209	984 Project Owner	:	٨	Newbo	urne		Cit	ty:					=	<u>@</u>					
Project Name:	Pavo Frio Flow Line						Sta	ate:		Zip:		e e	(8015M)	(8021B)					
Project Location	n: 32.744072, -104.115361						Ph	one	#:			o i	80	8					
Sampler Name:							Fa	x #:				Chloride	I	ВТЕХ					
FOR LAB USE ONLY		Τ.	П		MATE	RIX		PRE	SERV.	SAMP	LING	1~	TPH	E					
Lab I.D. <i>H25</i> 0538	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	OTHER:	ACID/BASE:	ICE / COOL OTHER:	DATE	TIME								
11	FL 149 @ 4'	С	1		Х				X	1/27/25		X	Х	Х					
	FL 150 @ 4'	С	1		Х				X	1/27/25		X	Х	Х					
13	FL 151 @ 4'	С	1		Х				X	1/27/25		Х	Х	Х					
14	FL 152 @ 4'	С	1		X				X	1/27/25		X	Χ	X					
15	FL 153 @ 4'	С	1		Х				X	1/27/25		X	Х	X					
16	FL 154 @ 4'	С	1		X				X	1/27/25		Х	X	X					
17	FL 155 @ 4'	С	1		Х				X	1/27/25		Х	X	Х					
	FL 156 @ 4'	С	1		X				X	1/27/25		Х	Х	Х					
19	FL 157 @ 4'	С	1		Х				X	1/27/25		Х	Х	X					
	nd Damages. Cardinal's liability and client's exclusive remedy for an										# - F - 1 f - 7								

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affiliates or successors arising out of or related to the performa	nce of services hereunder by Card	final, regardless of whether such claim is based	upon any of the above stated reaso	ins or otherwise.			
Relinquished By: /	Date:	Received By:		Verbal Result: ☐ Ye	es 🗆 No	Add'	Phone #:
11/4/	Date: 29.25	00 10	- 1	All Results are emailed.			
Mann	Time:)510	8/20dr4	greet		Р	m@et	techenv.com
Relinquished B√:	Date:	Received By:	O	REMARKS:			
	Time:						
Delivered By: (Circle One)	Observed Temp. °C .	Sample Condition	CHECKED BY:	Turnaround Time:	Standard	X	Bacteria (only) Sample Condition
0		Cool Intact	(Initials)	Thermometer ID #140	Rush	П	Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C	7-72 Yes Yes	8K	Correction Factor -0.6°C			☐ No ☐ No Corrected Temp. °C



April 07, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: PAVO FRIO FLOW LINE

Enclosed are the results of analyses for samples received by the laboratory on 04/01/25 14:48.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

A ..... I ..... . J D. ... 711

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 123 @ 6.5' (H251938-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	2.31	
Toluene*	<0.050	0.050	04/03/2025	ND	2.15	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.43	122	2.00	4.94	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	7.47	125	6.00	5.74	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/02/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	209	104	200	0.506	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	206	103	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	99.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.1	% 40.6-15	3						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 124 @ 6.5' (H251938-02)

RTFY 8021R

B1EX 8021B	mg,	кg	Allalyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	2.31	
Toluene*	<0.050	0.050	04/03/2025	ND	2.15	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.43	122	2.00	4.94	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	7.47	125	6.00	5.74	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/02/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	209	104	200	0.506	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	206	103	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	108	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	106	% 40.6-15	3						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 20984 Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 125 @ 6' (H251938-03)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	2.31	
Toluene*	<0.050	0.050	04/03/2025	ND	2.15	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.43	122	2.00	4.94	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	7.47	125	6.00	5.74	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/02/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	209	104	200	0.506	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	206	103	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	102 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.6	% 40.6-15	3						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 126 @ 6' (H251938-04)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	2.31	
Toluene*	<0.050	0.050	04/03/2025	ND	2.15	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.43	122	2.00	4.94	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	7.47	125	6.00	5.74	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/02/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	209	104	200	0.506	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	206	103	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	111 5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	108	% 40.6-15	3						

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Celey & Keene



#### Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 127 @ 6.5' (H251938-05)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	2.31	
Toluene*	<0.050	0.050	04/03/2025	ND	2.15	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.43	122	2.00	4.94	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	7.47	125	6.00	5.74	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/02/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	209	104	200	2.71	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	193	96.4	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	95.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.3	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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#### Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: Sample Received By: 20984 Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 128 @ 6' (H251938-06)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	2.31	
Toluene*	<0.050	0.050	04/03/2025	ND	2.15	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.43	122	2.00	4.94	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	7.47	125	6.00	5.74	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/02/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	209	104	200	2.71	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	193	96.4	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	100 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	93.2	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 129 @ 6' (H251938-07)

RTFY 8021R

B1EX 8021B	mg/	кд	Апануге	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	2.31	
Toluene*	<0.050	0.050	04/03/2025	ND	2.15	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.43	122	2.00	4.94	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	7.47	125	6.00	5.74	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/02/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	209	104	200	2.71	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	193	96.4	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	100 9	6 44.4-14	5						
Surrogate: 1-Chlorooctadecane	91.9	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20984 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 143 @ 5.5' (H251938-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	2.31	
Toluene*	<0.050	0.050	04/03/2025	ND	2.15	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.43	122	2.00	4.94	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	7.47	125	6.00	5.74	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/02/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	209	104	200	2.71	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	193	96.4	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	99.8 9	6 44.4-14.	5						
Surrogate: 1-Chlorooctadecane	92.5 9	40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 143 @ 7' (H251938-09)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	2.31	
Toluene*	<0.050	0.050	04/03/2025	ND	2.15	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.43	122	2.00	4.94	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	7.47	125	6.00	5.74	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/02/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	209	104	200	2.71	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	193	96.4	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	102 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	93.1	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 20984 Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 145 @ 7' (H251938-10)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.90	95.2	2.00	9.97	QM-07
Toluene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	7.60	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	1.97	98.4	2.00	6.72	QM-07
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.26	104	6.00	6.79	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/02/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	209	104	200	2.71	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	193	96.4	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	104 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	95.2	% 40.6-15	3						

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#### Analytical Results For:

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

Analyzed By: JH

Sampling Date:

04/01/2025

Reported:

04/01/2025 04/07/2025

Sampling Type:

Soil

Project Name:

Received:

BTEX 8021B

PAVO FRIO FLOW LINE

Sampling Condition:

Cool & Intact

Project Number:

20984

Sample Received By:

Alyssa Parras

Project Location:

MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 147 @ 5' (H251938-11)

DIEX GOZID	9/	<u> </u>	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.90	95.2	2.00	9.97	
Toluene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	7.60	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	1.97	98.4	2.00	6.72	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.26	104	6.00	6.79	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/02/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	209	104	200	2.71	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	193	96.4	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	103	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	94.0	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 148 @ 5.5' (H251938-12)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.90	95.2	2.00	9.97	
Toluene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	7.60	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	1.97	98.4	2.00	6.72	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.26	104	6.00	6.79	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/02/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	209	104	200	2.71	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	193	96.4	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	99.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	92.8	% 40.6-15	3						

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#### Analytical Results For:

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

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 149 @ 6' (H251938-13)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.90	95.2	2.00	9.97	
Toluene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	7.60	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	1.97	98.4	2.00	6.72	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.26	104	6.00	6.79	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/02/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	209	104	200	2.71	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	193	96.4	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	84.7	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	76.4	% 40.6-15	3						

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04/01/2025

Cool & Intact

Alyssa Parras

Soil

#### Analytical Results For:

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

Sampling Date:

Sample Received By:

Received: 04/01/2025

Reported: 04/07/2025 Sampling Type: Sampling Condition:

Project Name: PAVO FRIO FLOW LINE Project Number: 20984

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 151 @ 6' (H251938-14)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.90	95.2	2.00	9.97	
Toluene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	7.60	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	1.97	98.4	2.00	6.72	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.26	104	6.00	6.79	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/02/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	209	104	200	2.71	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	193	96.4	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	83.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	75.3	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 20984 Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 153 @ 6' (H251938-15)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.90	95.2	2.00	9.97	
Toluene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	7.60	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	1.97	98.4	2.00	6.72	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.26	104	6.00	6.79	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/02/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	209	104	200	2.71	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	193	96.4	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	96.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.3	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 20984 Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 154 @ 6' (H251938-16)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.90	95.2	2.00	9.97	
Toluene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	7.60	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	1.97	98.4	2.00	6.72	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.26	104	6.00	6.79	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/02/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	209	104	200	2.71	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	193	96.4	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	99.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.0	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 20984 Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 155 @ 6' (H251938-17)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.90	95.2	2.00	9.97	
Toluene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	7.60	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	1.97	98.4	2.00	6.72	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.26	104	6.00	6.79	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/02/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	209	104	200	2.71	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	193	96.4	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	98.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	91.7	% 40.6-15	3						

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#### Analytical Results For:

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

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 156 @ 6' (H251938-18)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.90	95.2	2.00	9.97	
Toluene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	7.60	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	1.97	98.4	2.00	6.72	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.26	104	6.00	6.79	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/02/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	209	104	200	2.71	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	193	96.4	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	98.3	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	88.6	% 40.6-15	3						

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#### Analytical Results For:

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

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 157 @ 5.5' (H251938-19)

BTEX 8021B

	9/	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.90	95.2	2.00	9.97	
Toluene*	< 0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	7.60	
Ethylbenzene*	< 0.050	0.050	04/03/2025	ND	1.97	98.4	2.00	6.72	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.26	104	6.00	6.79	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/02/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	209	104	200	2.71	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	193	96.4	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	104	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.0	% 40.6-15	3						

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#### Analytical Results For:

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

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20984 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 158 @ 6.5' (H251938-20)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.90	95.2	2.00	9.97	
Toluene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	7.60	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	1.97	98.4	2.00	6.72	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.26	104	6.00	6.79	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/02/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	209	104	200	2.71	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	193	96.4	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	93.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.5	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 04/01/2025 Sampling Date: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 159 @ 7' (H251938-21)

BTEX 8021B

	<u> </u>			. ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.90	95.2	2.00	9.97	
Toluene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	7.60	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	1.97	98.4	2.00	6.72	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.26	104	6.00	6.79	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/02/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	209	104	200	2.71	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	193	96.4	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	95.8	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	85.4	% 40.6-15	3						

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04/01/2025

Alyssa Parras

#### Analytical Results For:

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

Sampling Date:

Sample Received By:

Received: 04/01/2025

Reported: 04/07/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact

Project Number: 20984

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 160 @ 6' (H251938-22)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	1.90	95.2	2.00	9.97	
Toluene*	<0.050	0.050	04/03/2025	ND	1.96	97.9	2.00	7.60	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	1.97	98.4	2.00	6.72	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.26	104	6.00	6.79	
Total BTEX	<0.300	0.300	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/02/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2025	ND	209	104	200	2.71	
DRO >C10-C28*	<10.0	10.0	04/02/2025	ND	193	96.4	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	82.3	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	72.9	% 40.6-15	3						

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\*=Accredited Analyte

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Celey D. Keine



#### **Notes and Definitions**

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

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

ecovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

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Celeg D. Freene



### **CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

Page 1 of 3

Released to Imaging: 11/21/2025 3:22:32 PM

Company Name	Etech Environmental & Safety S	olutions,	Inc.				1		BI	LL TO					ANA	LYSIS	REQU	EST		
Project Manage	r: Lance Crenshaw						P.	0. #:												
Address: 26	17 West Marland						Co	mpar	ıy:	Mewb	ourne	1		1						
City: Hobbs	State: N	M Zij	p:	8824	0			tn:		Connor Wal	ker	1	i	1 1				1	1 1	
	(5) 264-9884 Fax #:						Ac	dress	:			1			- 1					
Project #: 209		vner:		Mewb	ourne		Cit	lv:				1	_	m l						
	Pavo Frio Flow Line							ate:		Zip:		0	5 M	(8021B)						
	n: 32.744072, -104.115361							one #				i i	2	80		1				
Sampler Name:								x #:	-			Chloride	TPH (8015M)	×						
FOR LAB USE ONLY	martin ooperrood	T	T		MAT	RIX	1	PRES	SERV.	SAME	LING	0	흔	ВТЕХ					1 1	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	AINER	GROUNDWATER	SOIL	OIL	SLUUGE OTHER:	ACID/BASE:	OTHER:	DATE	TIME									
	FL 123 @ 6.5'	G	1		X			1	K	4/1/25		Х	X	X						
a	FL 124 @ 6.5'	G	1		Х				X	4/1/25		X	X	X						
3	FL 125 @ 6'	G	1		X				K	4/1/25		X	X	X						
4	FL 126 @ 6'	G	1		X			3	X	4/1/25		X	X	X						
5	FL 127 @ 6.5'	G	1		X			1	K	4/1/25		X	X	X						
6	FL 128 @ 6'	G	1		X				( )	4/1/25		X	Х	X						
7	FL 129 @ 6'	G	1		X			1	C	4/1/25		X	X	X						
8	FL 143 @ 5.5'	G	1		X			1	(	4/1/25		X	X	X						
9	FL 143 @ 7'	G	1		X			1	K	4/1/25		X	Х	X						
10	FL 145 @ 7'	G	1		X				K	4/1/25		X	X	X						

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Relinquistied By:	Date: Rec	ceived By:		Verbal Result:    Yes    No!  All Results are emailed. Please provid	de Email address: m@etechenv.com
Relinquished By:		eived By:		REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C	Sample Condition Cool Intact Yes 2 Yes	CHECKED BY: (Initials)	Turnaround Time: Standard Rush Thermometer ID #140 +03 C Correction Factor -0.6°C	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No No Corrected Temp. °C

## **CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

101 East Marland, Hobbs, NM 88240

**CARDINAL** Laboratories

Company Name	e: Etech Environmental & Safety Soluti	ons,	Inc.						BI	LL TO					ANALYSIS	REQUEST	Page 2 0t 3
Project Manage	r: Lance Crenshaw						P.0	D. #:									
Address: 261	17 West Marland						Co	mpany	y:	Mewb	ourne	1					
City: Hobbs	State: NM	Zip	):	88240	0		Att	n:		Connor Wal	ker						
Phone #: (57	5) 264-9884 Fax #:						Ad	dress:									
Project #: 209	984 Project Owner		N	lewbo	urne		Cit	y:					=	<u>@</u>			
Project Name:	Pavo Frio Flow Line						Sta	ite:		Zip:		de	TPH (8015M)	(8021B)			
Project Location	n: 32.744072, -104.115361						Ph	one #:				Chloride	801	(8)			
Sampler Name:	Martin Sepulveda						Fai	x#:				15	H	X			
FOR LAB USE ONLY		1.	П		MATE	XIX		PRESI	ERV.	SAMP	LING	1	T	втех			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OM	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER;	DATE	TIME						
	FL 147 @ 5'	G	1		X			X		4/1/25		X	Х	Х			
19	FL 148 @ 5.5'	G	1		X			X		4/1/25		Х	Х	X			
13	FL 149 @ 6'	G	1		X			X		4/1/25		Х	X	X			
14	FL 151 @ 6'	G	1		X			X		4/1/25		X	X	X			
	FL 153 @ 6'	G	1		X			X		4/1/25		X	X	X			
16	FL 154 @ 6'	G	1		X			X		4/1/25		Х	Х	х			
17	FL 155 @ 6'	G	1		X			X		4/1/25		X	Х	х			
18	FL 156 @ 6'	G	1.		X			X		4/1/25		X	Х	х			
10	FL 157 @ 5.5'	G	1		X			X		4/1/25		Х	X	X			
20	FL 158 @ 6.5'	G	1		X			X		4/1/25		X	Х	X		1 4 4 1	

service. In no event shall Cordinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its nubsidiaries.

Relinquished By:	Date: U-1-35 Time:	Received By:		Verbal Result:   All Results are emailed	The second second	de Ema	I Phone #: ail address: techenv.com
Relinquished By:	Date:	Received By:		REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C	Sample Condition Cool Intact Yes Yes	CHECKED BY: (Initials)	Turnaround Time: Thermometer ID #140 Correction Factor -0.6°C-	Standard Rush		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

e: Etech Environmental & Safety Soluti	ons,	Inc.							B	LL TO					ANALYSIS REQUE	ST
er: Lance Crenshaw							P.(	D. #:								
17 West Marland							Co	mpa	any:	Mewb	ourne	1		1 1		1 1 1 1 1
State: NM	Zip	:	8824	40			Att	n:		Connor Wa	lker					
75) 264-9884 Fax #:							Ad	dres	ss:							
984 Project Owner	:	1	Mewb	ourn	e		Cit	y:				1	=	<u>@</u>		1 1 1 1
Pavo Frio Flow Line							Sta	ate:		Zip:		de	5N	21		
n: 32.744072, -104.115361							Ph	one	#:			ori,	80	8		1 1 1 1
Martin Sepulveda							Fa	x #:				동	I	X		
	1		-	MA	TRI	X		PRI	SERV	SAME	LING	7~	4	E		
Sample I.D.	(G)RAB OR (C)OM	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL OTHER:	DATE	TIME					
FL 159 @ 7'	G	1		X					X	4/1/25		X	X	X		
FL 160 @ 6'	G	1		X					X	4/1/25		X	X	Х		
	-															
				+	-	-										
					T	F										
					1	-						-				
1	State: NM State: NM State: NM State: NM State: NM Pax #: Pavo Frio Flow Line n: 32.744072, -104.115361 Martin Sepulveda  Sample I.D.	#: Lance Crenshaw    17 West Marland	##: Lance Crenshaw    17 West Marland	##: Lance Crenshaw    17 West Marland	#: Lance Crenshaw    17 West Marland   State: NM Zip: 88240     25) 264-9884   Fax #:     984	#T: Lance Crenshaw    17 West Marland	#: Lance Crenshaw    17 West Marland   State: NM Zip: 88240     25) 264-9884   Fax #:     984   Project Owner: Mewbourne     Pavo Frio Flow Line	#: Lance Crenshaw	#T: Lance Crenshaw	#FL 159 @ 7'    Towest Marland   Company:   Company:   State: NM Zip: 88240   Attn:   Address:   Address:   Address:   City:   Pavo Frio Flow Line   State:   Phone #:   Fax #:   Address:   City:   Pavo Frio Flow Line   State:   Phone #:   Fax #:   Address:   City:   Cit	##: Lance Crenshaw    17 West Marland	P.O. #:   17 West Marland	P.O. #:   17 West Marland	##: Lance Crenshaw ##: Address:   Company: Mewbourne	##: Lance Crenshaw ##: Lance Crenshaw ##: Address: ##: Ad	#: Lance Crenshaw  #7 West Marland    State: NM   Zip:   88240   Attn:   Connor Walker

Relinquished By:	Date: 4-1-35 Time: 1448	Received By:		Verbal Result: Yell Yell Results are emailed		de Ema	I Phone #: ail address: techenv.com
Relinquished By:	Date: Time:	Received By:		REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C	Sample Condition Cool Intact  Yes Yes Yes	CHECKED BY: (Initials)	Turnaround Time:  Thermometer ID #140  Correction Factor -0.6°C	Standard Rush		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C



April 10, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: PAVO FRIO FLOW LINE

Enclosed are the results of analyses for samples received by the laboratory on 04/07/25 14:51.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Fax To:

Received: 04/07/2025 Sampling Date: 04/04/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 133 @ 2.5' (H252055-01)

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	04/09/2025	ND	2.02	101	2.00	4.29	
Toluene*	<0.050	0.050	04/09/2025	ND	2.08	104	2.00	1.83	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	2.02	101	2.00	0.314	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.98	99.7	6.00	0.730	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/08/2025	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	04/08/2025	ND	211	105	200	3.07	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	203	101	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	101 % 44.4-14.		5						
Surrogate: 1-Chlorooctadecane	94.5	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 04/07/2025 Sampling Date: 04/04/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

mg/kg

#### Sample ID: FL 134 @ 2' (H252055-02)

BTEX 8021B

				. ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	2.02	101	2.00	4.29	
Toluene*	<0.050	0.050	04/09/2025	ND	2.08	104	2.00	1.83	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	2.02	101	2.00	0.314	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	5.98	99.7	6.00	0.730	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID		% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/08/2025 ND		416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	211	105	200	3.07	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	203	101	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	99.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	92.2	% 40.6-15	3						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 04/07/2025 Sampling Date: 04/04/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 20984 Alyssa Parras

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 162 @ 4' (H252055-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.86	93.0	2.00	6.62	
Toluene*	<0.050	0.050	04/09/2025	ND	2.10	105	2.00	10.7	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	2.33	116	2.00	12.4	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	7.08	118	6.00	12.4	
Total BTEX	<0.300	0.300	04/09/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	rogate: 4-Bromofluorobenzene (PID 105 % 71.5-1.								
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/08/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	211	105	200	3.07	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	203	101	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	96.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.8	% 40.6-15	3						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/07/2025 Sampling Date: 04/04/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 163 @ 4.5' (H252055-04)

BTEX 8021B

	9/	9	711141720	= 7. 5							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	04/09/2025	ND	1.86	93.0	2.00	6.62			
Toluene*	<0.050	0.050	04/09/2025	ND	2.10	105	2.00	10.7			
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	2.33	116	2.00	12.4			
Total Xylenes*	<0.150	0.150	04/09/2025	ND	7.08	118	6.00	12.4			
Total BTEX	<0.300	0.300	04/09/2025	ND							
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4								
Chloride, SM4500CI-B	/kg	Analyze	alyzed By: KV								
Analyte	Analyte Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	64.0	16.0	04/08/2025	ND	416	104	400	3.77			
TPH 8015M	mg	/kg	Analyze	ed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	211	105	200	3.07			
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	203	101	200	1.88			
EXT DRO >C28-C36	<10.0 10.0		04/08/2025	ND							
Surrogate: 1-Chlorooctane	112	% 44.4-14	5								
Surrogate: 1-Chlorooctadecane	105	2% 40.6-15	3								

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 04/07/2025 Sampling Date: 04/04/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Applyzod By: 1H

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 163 @ 6' (H252055-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a BA: TH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2025	ND	1.86	93.0	2.00	6.62	
Toluene*	<0.050	0.050	04/09/2025	ND	2.10	105	2.00	10.7	
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	2.33	116	2.00	12.4	
Total Xylenes*	<0.150	0.150	04/09/2025	ND	7.08	118	6.00	12.4	
Total BTEX	<0.300	0.300	04/09/2025 ND						
Surrogate: 4-Bromofluorobenzene (PID 104 % 71.5-13		4							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: KV					
Analyte	Result Reporting Limit		Analyzed	Method Blank BS		% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/08/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	211	105	200	3.07	
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	203	101	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND					
Surrogate: 1-Chlorooctane	109	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	101	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Kreine



#### Analytical Results For:

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

Fax To:

Received: 04/07/2025 Sampling Date: 04/04/2025

Reported: 04/10/2025 Sampling Type: Soil

Project Name: PAVO FRIO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Applyzod By: 1H

Project Location: MEWBOURNE 32.744072,-104.115361

#### Sample ID: FL 161 @ 4' (H252055-06)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a BA: TH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/09/2025	ND	1.86	93.0	2.00	6.62		
Toluene*	<0.050	0.050	04/09/2025	ND	2.10	105	2.00	10.7		
Ethylbenzene*	<0.050	0.050	04/09/2025	ND	2.33	116	2.00	12.4		
Total Xylenes*	<0.150	0.150	04/09/2025	ND	7.08	118	6.00	12.4		
Total BTEX	<0.300	0.300	04/09/2025 ND							
Surrogate: 4-Bromofluorobenzene (PID 111 % 71.5-		% 71.5-13	4							
Chloride, SM4500CI-B	mg	/kg	Analyze	lyzed By: KV						
Analyte	Result Reporting Limit		Analyzed	Method Blank BS		% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/08/2025	ND	416	104	400	3.77		
TPH 8015M	mg,	/kg	Analyze	d By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/08/2025	ND	211	105	200	3.07		
DRO >C10-C28*	<10.0	10.0	04/08/2025	ND	203	101	200	1.88		
EXT DRO >C28-C36	<10.0	10.0	04/08/2025	ND						
Surrogate: 1-Chlorooctane	103	% 44.4-14	5							
Surrogate: 1-Chlorooctadecane	97.4	% 40.6-15	3							

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



## **CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

Page 1 of 1	P	aq	e	1	of	1
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Received by OCD: 11/7/2025 3:01:04 PM

Page 9 of 9

Company Name: Etech Environmental & Safety Solutions, Inc.		T	. 83	BI	LL TO		ANALYSIS REQUEST														
Project Manager: Lance Crenshaw			P	.0. #:										T							
Address: 261	: 2617 West Marland			C	Company: Mewbourne																
City: Hobbs	State: NM	Zip	:	8824	0		A	Attn:				r Walker									
Phone #: (57	5) 264-9884 Fax #:						A	Address													
Project #: 209	984 Project Owner	:	-	Mewbo	urne		C	City:					=	<u>a</u>							
Project Name:	Pavo Frio Flow Line					State: Zip:				용	151	121									
Project Location	ntion: 32.744072, -104.115361				P	hone i	t:			Chloride	TPH (8015M)	(8021B)									
Sampler Name:	Addison Elston						Fax #:		Fax #:		] 등	I	ВТЕХ						- 1 1		
FOR LAB USE ONLY			Г		MAT	RIX	T	PRE	SERV.	SAMP	LING	1	유	ᇤ						11	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	ACID/BASE:	OTHER:	DATE	TIME										
1	FL 133 @ 2.5'	G	1		X		1		X	4/4/25		X	X	X							
9	FL 134 @ 2'	G	1		X				X	4/4/25		Х	X	X							
3	FL 162 @ 4'	G	1		X				X	4/4/25		X	X	X							
4	FL 163 @ 4.5'	G	1		X		1		X	4/4/25		X	X	X						$\rightarrow$	
5	FL 163 @ 6'	G	1		X		_		X	4/4/25		X	X	Х							
G	FL 167 @ 4'	G	1		X				X	4/4/25		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 trace was any either cause whatsoever shall be deemed waived unless made in untiling and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental demages, including without limitation, business interruptions, foes of use, or loss of profits incurred by client, its subsidientes,

affiliates or successors ansing out of or related to the perform	Date:	pived By:	or any or the above stated real	Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #: All Results are emailed. Please provide Email address: pm@etechenv.com							
Relinguished By:		ived By:		REMARKS:							
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0-86	Cool Intact	CHECKED BY:	Turnaround Time: Standard Rush Thermometer ID #140 Correction Factor -0.6°C +0-8	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No No Corrected Temp. °C						

# Appendix E Regulatory Correspondence

To: <u>Jeff Broom</u>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 381410

**Date:** Friday, September 6, 2024 4:14:11 PM

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#) nAPP2424249029.

The sampling event is expected to take place:

**When:** 09/11/2024 @ 07:30

**Where:** L-18-18S-29E 0 FNL 0 FEL (32.74355,-104.11546)

**Additional Information:** Patrick Muniez

575.552.6982

**Additional Instructions:** From the southeastern intersection of NM-360 and Cowtown Rd (32.754691, -104.106244), head SW on Cowtown Rd for 0.97 mi, then SE for 0.37 mi, then S for 0.04 mi, then W for 0.01 mi to arrive at the Pavo Frio Flow Line release area (32.743845, -104.115364).

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.

To: <u>Jeff Broom</u>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 381413

**Date:** Friday, September 6, 2024 4:18:34 PM

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#) nAPP2424249029.

The sampling event is expected to take place:

**When:** 09/12/2024 @ 07:30

**Where:** L-18-18S-29E 0 FNL 0 FEL (32.74355,-104.11546)

**Additional Information:** Patrick Muniez

575.552.6982

**Additional Instructions:** From the southeastern intersection of NM-360 and Cowtown Rd (32.754691, -104.106244), head SW on Cowtown Rd for 0.97 mi, then SE for 0.37 mi, then S for 0.04 mi, then W for 0.01 mi to arrive at the Pavo Frio Flow Line release area (32.743845, -104.115364).

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.

To: <u>Jeff Broom</u>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 381414

**Date:** Friday, September 6, 2024 4:21:24 PM

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#) nAPP2424249029.

The sampling event is expected to take place:

**When:** 09/13/2024 @ 07:30

**Where:** L-18-18S-29E 0 FNL 0 FEL (32.74355,-104.11546)

**Additional Information:** Patrick Muniez

575.552.6982

**Additional Instructions:** From the southeastern intersection of NM-360 and Cowtown Rd (32.754691, -104.106244), head SW on Cowtown Rd for 0.97 mi, then SE for 0.37 mi, then S for 0.04 mi, then W for 0.01 mi to arrive at the Pavo Frio Flow Line release area (32.743845, -104.115364).

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.

To: <u>Jeff Broom</u>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 381434

Date: Friday, September 6, 2024 5:19:04 PM

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#) nAPP2424249029.

The sampling event is expected to take place:

**When:** 09/16/2024 @ 07:30

**Where:** L-18-18S-29E 0 FNL 0 FEL (32.74355,-104.11546)

**Additional Information:** Patrick Muniez

575.552.6982

**Additional Instructions:** From the southeastern intersection of NM-360 and Cowtown Rd (32.754691, -104.106244), head SW on Cowtown Rd for 0.97 mi, then SE for 0.37 mi, then S for 0.04 mi, then W for 0.01 mi to arrive at the Pavo Frio Flow Line release area (32.743845, -104.115364).

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.

To: <u>Jeff Broom</u>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 381435

Date: Friday, September 6, 2024 5:21:04 PM

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#) nAPP2424249029.

The sampling event is expected to take place:

**When:** 09/17/2024 @ 07:30

**Where:** L-18-18S-29E 0 FNL 0 FEL (32.74355,-104.11546)

**Additional Information:** Patrick Muniez

575.552.6982

**Additional Instructions:** From the southeastern intersection of NM-360 and Cowtown Rd (32.754691, -104.106244), head SW on Cowtown Rd for 0.97 mi, then SE for 0.37 mi, then S for 0.04 mi, then W for 0.01 mi to arrive at the Pavo Frio Flow Line release area (32.743845, -104.115364).

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.

To: <u>Jeff Broom</u>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 381436

Date: Friday, September 6, 2024 5:23:30 PM

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#) nAPP2424249029.

The sampling event is expected to take place:

**When:** 09/18/2024 @ 07:30

**Where:** L-18-18S-29E 0 FNL 0 FEL (32.74355,-104.11546)

**Additional Information:** Patrick Muniez

575.552.6982

**Additional Instructions:** From the southeastern intersection of NM-360 and Cowtown Rd (32.754691, -104.106244), head SW on Cowtown Rd for 0.97 mi, then SE for 0.37 mi, then S for 0.04 mi, then W for 0.01 mi to arrive at the Pavo Frio Flow Line release area (32.743845, -104.115364).

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.

To: <u>Jeff Broom</u>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 381437

**Date:** Friday, September 6, 2024 5:25:29 PM

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#) nAPP2424249029.

The sampling event is expected to take place:

**When:** 09/19/2024 @ 07:30

**Where:** L-18-18S-29E 0 FNL 0 FEL (32.74355,-104.11546)

**Additional Information:** Patrick Muniez

575.552.6982

**Additional Instructions:** From the southeastern intersection of NM-360 and Cowtown Rd (32.754691, -104.106244), head SW on Cowtown Rd for 0.97 mi, then SE for 0.37 mi, then S for 0.04 mi, then W for 0.01 mi to arrive at the Pavo Frio Flow Line release area (32.743845, -104.115364).

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.

To: <u>Jeff Broom</u>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 381438

**Date:** Friday, September 6, 2024 5:27:50 PM

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#) nAPP2424249029.

The sampling event is expected to take place:

**When:** 09/20/2024 @ 07:30

**Where:** L-18-18S-29E 0 FNL 0 FEL (32.74355,-104.11546)

**Additional Information:** Patrick Muniez

575.552.6982

**Additional Instructions:** From the southeastern intersection of NM-360 and Cowtown Rd (32.754691, -104.106244), head SW on Cowtown Rd for 0.97 mi, then SE for 0.37 mi, then S for 0.04 mi, then W for 0.01 mi to arrive at the Pavo Frio Flow Line release area (32.743845, -104.115364).

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.

To: <u>Jeff Broom</u>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 385518

**Date:** Friday, September 20, 2024 5:03:59 PM

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#) nAPP2424249029.

The sampling event is expected to take place:

**When:** 09/24/2024 @ 07:30

**Where:** L-18-18S-29E 0 FNL 0 FEL (32.74355,-104.11546)

**Additional Information:** Jeff Broom

575.605.6908

**Additional Instructions:** From the southeastern intersection of NM-360 and Cowtown Rd (32.754691, -104.106244), head SW on Cowtown Rd for 0.97 mi, then SE for 0.37 mi, then S for 0.04 mi, then W for 0.01 mi to arrive at the Pavo Frio Flow Line release area (32.743845, -104.115364).

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.

To: <u>Jeff Broom</u>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 385512

**Date:** Friday, September 20, 2024 4:56:36 PM

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#) nAPP2424249029.

The sampling event is expected to take place:

**When:** 09/25/2024 @ 07:30

**Where:** L-18-18S-29E 0 FNL 0 FEL (32.74355,-104.11546)

**Additional Information:** Jeff Broom

575.605.6908

**Additional Instructions:** From the southeastern intersection of NM-360 and Cowtown Rd (32.754691, -104.106244), head SW on Cowtown Rd for 0.97 mi, then SE for 0.37 mi, then S for 0.04 mi, then W for 0.01 mi to arrive at the Pavo Frio Flow Line release area (32.743845, -104.115364).

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.

To: <u>Jeff Broom</u>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 385513

**Date:** Friday, September 20, 2024 4:57:56 PM

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#) nAPP2424249029.

The sampling event is expected to take place:

**When:** 09/26/2024 @ 07:30

**Where:** L-18-18S-29E 0 FNL 0 FEL (32.74355,-104.11546)

**Additional Information:** Jeff Broom

575.605.6908

**Additional Instructions:** From the southeastern intersection of NM-360 and Cowtown Rd (32.754691, -104.106244), head SW on Cowtown Rd for 0.97 mi, then SE for 0.37 mi, then S for 0.04 mi, then W for 0.01 mi to arrive at the Pavo Frio Flow Line release area (32.743845, -104.115364).

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.

To: <u>Jeff Broom</u>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 385515

**Date:** Friday, September 20, 2024 4:59:48 PM

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#) nAPP2424249029.

The sampling event is expected to take place:

**When:** 09/27/2024 @ 07:30

**Where:** L-18-18S-29E 0 FNL 0 FEL (32.74355,-104.11546)

**Additional Information:** Jeff Broom

575.605.6908

**Additional Instructions:** From the southeastern intersection of NM-360 and Cowtown Rd (32.754691, -104.106244), head SW on Cowtown Rd for 0.97 mi, then SE for 0.37 mi, then S for 0.04 mi, then W for 0.01 mi to arrive at the Pavo Frio Flow Line release area (32.743845, -104.115364).

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.

To: <u>Jeff Broom</u>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 389168

Date: Wednesday, October 2, 2024 10:37:24 AM

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#) nAPP2424249029.

The sampling event is expected to take place:

**When:** 10/04/2024 @ 07:30

**Where:** L-18-18S-29E 0 FNL 0 FEL (32.74355,-104.11546)

**Additional Information:** Jeff Broom

575.605.6908

**Additional Instructions:** From the southeastern intersection of NM-360 and Cowtown Rd (32.754691, -104.106244), head SW on Cowtown Rd for 0.97 mi, then SE for 0.37 mi, then S for 0.04 mi, then W for 0.01 mi to arrive at the Pavo Frio Flow Line release area (32.743845, -104.115364).

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.

From: OCDOnline@state.nm.us < OCDOnline@state.nm.us >

**Sent:** Wednesday, November 27, 2024 11:54:04 AM **To:** Connor Walker <cwalker@mewbourne.com>

Subject: [EXT] The Oil Conservation Division (OCD) has rejected the application, Application ID:

403175

To whom it may concern (c/o Connor Walker for MEWBOURNE OIL CO),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2424249029, for the following reasons:

- Remediation closure denied for the following:
- 1) Samples were not collected pursuant to 19.15.29.12D.(1)(c) NMAC. The estimated surface area that was remediated was 31,460 square feet which should have resulted in the collection of at least 157 base samples.
- 2) Samples were collected on 9/23/24 without proper sampling notification. Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D(1)(a) NMAC. Failure to provide proper sampling notice is a compliance issue and the OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D(1)(a) NMAC.
- 3) The Site Characterization distances for the following need updated when you resubmit your report: a) Significant watercourse-the release pathway ends in an arroyo which is a significant watercourse b) Figure 2A shows Wetlands a couple hundred feet away c) Figure 2B shows Karst as Low
- 4) Area of TT2 was excavated to 3' however delineation samples show chlorides above closure criteria down to 5'. This needs to be addressed before closure can be approved.
- 5) In the area of TT2, how was WW1 and EW1 collected at 0-7 feet if FL 8 was collected at 3' and FL 5-7 were collected at 4'? Explain in resubmittal.
- Resubmit remediation closure report to the OCD by 2/25/25.

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 403175.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you, Shelly Wells Environmental Specialist-A 505-469-7520 Shelly.Wells@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive Santa Fe, NM 87505

To: <u>Jeff Broom</u>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 422132

**Date:** Friday, January 17, 2025 11:43:03 PM

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#) nAPP2424249029.

The sampling event is expected to take place:

When: 01/22/2025 @ 07:30

**Where:** L-18-18S-29E 0 FNL 0 FEL (32.74355,-104.11546)

Additional Information: Dominic Casarez, 432-813-1036

**Additional Instructions:** From the southeastern intersection of NM-360 and Cowtown Rd (32.754691, -104.106244), head SW on Cowtown Rd for 0.97 mi, then SE for 0.37 mi, then S for 0.04 mi, then W for 0.01 mi to arrive at the Pavo Frio Flow Line release area (32.743845, -104.115364).

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.

To: <u>Jeff Broom</u>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 422133

**Date:** Friday, January 17, 2025 11:46:27 PM

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#) nAPP2424249029.

The sampling event is expected to take place:

**When:** 01/23/2025 @ 07:30

**Where:** L-18-18S-29E 0 FNL 0 FEL (32.74355,-104.11546)

**Additional Information:** Dominic Casarez, 432-813-1036

**Additional Instructions:** From the southeastern intersection of NM-360 and Cowtown Rd (32.754691, -104.106244), head SW on Cowtown Rd for 0.97 mi, then SE for 0.37 mi, then S for 0.04 mi, then W for 0.01 mi to arrive at the Pavo Frio Flow Line release area (32.743845, -104.115364).

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.

To: <u>Jeff Broom</u>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 422134

**Date:** Friday, January 17, 2025 11:48:49 PM

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#) nAPP2424249029.

The sampling event is expected to take place:

**When:** 01/24/2025 @ 07:30

**Where:** L-18-18S-29E 0 FNL 0 FEL (32.74355,-104.11546)

Additional Information: Dominic Casarez, 432-813-1036

**Additional Instructions:** From the southeastern intersection of NM-360 and Cowtown Rd (32.754691, -104.106244), head SW on Cowtown Rd for 0.97 mi, then SE for 0.37 mi, then S for 0.04 mi, then W for 0.01 mi to arrive at the Pavo Frio Flow Line release area (32.743845, -104.115364).

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.

To: <u>Jeff Broom</u>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 422135

**Date:** Friday, January 17, 2025 11:52:24 PM

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#) nAPP2424249029.

The sampling event is expected to take place:

When: 01/27/2025 @ 07:30

**Where:** L-18-18S-29E 0 FNL 0 FEL (32.74355,-104.11546)

**Additional Information:** Dominic Casarez, 432-813-1036

**Additional Instructions:** From the southeastern intersection of NM-360 and Cowtown Rd (32.754691, -104.106244), head SW on Cowtown Rd for 0.97 mi, then SE for 0.37 mi, then S for 0.04 mi, then W for 0.01 mi to arrive at the Pavo Frio Flow Line release area (32.743845, -104.115364).

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.

From: OCDOnline@state.nm.us < OCDOnline@state.nm.us >

Sent: Thursday, March 6, 2025 1:55 PM

To: Connor Walker <cwalker@mewbourne.com>

Subject: [EXT] The Oil Conservation Division (OCD) has rejected the application, Application ID: 435304

To whom it may concern (c/o Connor Walker for MEWBOURNE OIL CO),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2424249029, for the following reasons:

- · Remediation closure denied for the following:
- The 35 additional base samples that were collected in January 2025, were collected at incorrect depths based on the data previously provided to the OCD. Only 7 of these samples were collected at or near the correct depths-130, 131, 132, 136-139. 28 more samples still need to be collected at the proper depths. The area between TT5 and the northernmost point of excavation should be explored as well as around the area of TT2. Prior to sample collection, email a proposed sampling plan, including the locations and depths and proposed method of collection. They may be grab samples. Submit a C-141N per 19.15.29.12(D) NMAC prior to sample collection.
- Under the Site Characterization portion of the C-141 application the following distances still need to be updated: Significant watercourse is 0 feet. You can see that TT2 is in the wetland (riverine) by looking at Figure 3B. In addition, distance to a wetland still needs updated.
- Submit updated remediation closure report to the OCD by 5/5/25.

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 435304.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you, Shelly Wells Environmental Specialist-A 505-469-7520 Shelly.Wells@emnrd.nm.gov

From: Wells, Shelly, EMNRD

To: <u>Ben Arguijo</u>

Cc: <u>Connor Walker</u>; <u>Jeff Broom</u>; <u>Lance Crenshaw</u>

Subject: RE: [EXTERNAL] RE: [EXT] The Oil Conservation Division (OCD) has rejected the application, Application ID:

435304

**Date:** Monday, March 24, 2025 9:19:13 AM

Attachments: <u>image002.png</u>

image003.png image004.png image005.png

### Good morning Ben,

I will give you the previously collected samples, numbered 140-142 however sample 143 is right where the excavation was between 3 and 7' depth so that one is out. 25 more samples still need collected. OCD would still like to see 3 more samples gathered between 52 and 125 AND 3 more samples between 101 and 87, at the proper depths. These areas have not been sufficiently sampled yet. Remove the suggested samples of 135, 144, 146, 150 and 152 in order to add in the 6 requested samples. Resubmit an updated sample proposal to me via email containing the 25 proposed sample locations prior to collection.

Sincerely,

Shelly

Shelly Wells \* Environmental Specialist-Advanced

**Environmental Bureau** 

**EMNRD-Oil Conservation Division** 

1220 S. St. Francis Drive|Santa Fe, NM 87505

(505)469-7520 Shelly.Wells@emnrd.nm.gov

http://www.emnrd.state.nm.us/OCD/

From: Ben Arguijo <bena@etechenv.com>
Sent: Wednesday, March 19, 2025 4:01 PM

To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

**Cc:** Connor Walker <cwalker@mewbourne.com>; Jeff Broom <jbroom@mewbourne.com>; Lance

Crenshaw < lance@etechenv.com>

Subject: [EXTERNAL] RE: [EXT] The Oil Conservation Division (OCD) has rejected the application,

Application ID: 435304

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

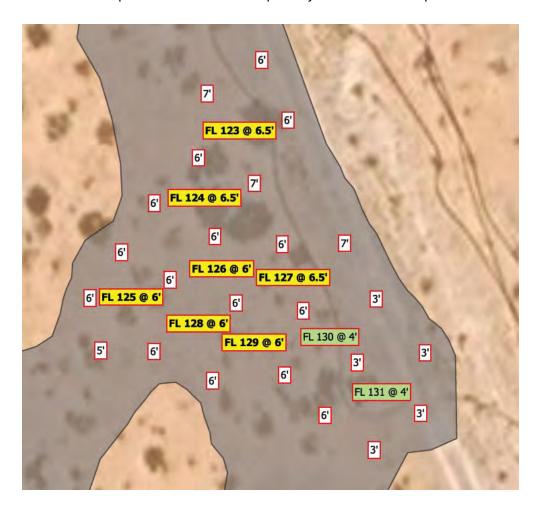
Shelly,

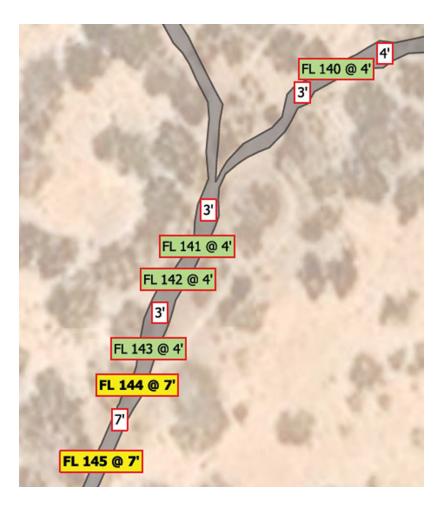
Per your request, attached please find a pair of "Proposed Resample Location" maps (Figures 4A and 4B) depicting the locations and proposed depths of the required resamples for Mewbourne's Pavo Frio to Westall SWD Line release (NMOCD Incident ID #nAPP2424249029). Etech, on behalf of Mewbourne, proposes to collect grab samples at the locations and depths highlighted in yellow in Figures 4A and 4B.

The depths of the pertinent, surrounding samples collected in 2024 are labeled in white with a red border. I have left off the names of those samples in an attempt to reduce clutter and enhance readability. However, the names and locations of all samples collected to date are depicted in the attached "Sample Location" maps (Figures 3A and 3B).

The labels of the 7 samples you mentioned that were collected at or near the correct depths (i.e., FL 130, 131, 132, and 136-139) are highlighted in green. I have extended that list to include sample locations FL 140, 141, 142, and 143, as they appear to meet the same criteria as the locations you listed, based on the depths of the surrounding samples.

Below are a couple of screenshots to help clarify what I have attempted to describe above:

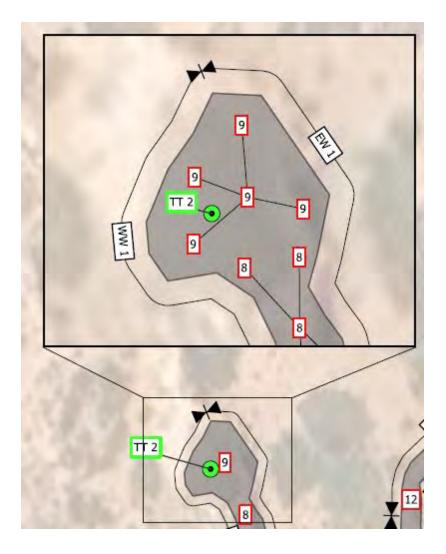




As previously mentioned, Etech proposes to collect grab samples at the locations highlighted in yellow in Figures 4A and 4B. No additional samples will be collected from the green or white-labeled sample locations.

Etech is prepared to begin resampling upon NMOCD approval of the proposed sampling plan. Form C-141N sampling notifications will be submitted 2 business days prior to any sampling, as required.

In regard to the areas around test trenches TT2 and TT5, Etech believes that those areas, as well as the areas around the other 3 trenches and the excavation as a whole, have been adequately sampled (the required resamples notwithstanding). Five-point composite floor and wall samples were collected from those areas in 2024. A minimum of 610 areas of the excavation floor were sampled in 2024, and an additional 175 areas have been sampled thus far in 2025. To reduce clutter and enhance readability, only the central-most collection points of each composite floor sample were depicted in the "Sample Location" maps (Figures 3A and 3B) included in the original and amended closure reports. However, for each floor sample depicted in the figures, there were 4 additional sample points not shown. I have included a couple of insets in the attached Figures 3A and 3B to illustrate this (see example below; spoke sample locations are approximate).



The Site Characterization discrepancies will be addressed in an updated closure report, following the resampling event.

If you have any questions or need any additional information, please let me know.

Respectfully, Ben J. Arguijo

## Ben J. Arguijo

Project Manager



6309 Indiana Ave., Ste. D Lubbock, TX 79413 (432) 813-1592 From: Wells, Shelly, EMNRD

To: Ben Arguijo

Cc: <u>Connor Walker</u>; <u>Jeff Broom</u>; <u>Lance Crenshaw</u>

Subject: RE: [EXTERNAL] RE: [EXT] The Oil Conservation Division (OCD) has rejected the application, Application ID:

435304

**Date:** Tuesday, March 25, 2025 4:35:03 PM

Attachments: image001.png image002.png

image002.png image003.png image004.png

Hi Ben,

I have reviewed the updated proposed sample map and the proposed sampling locations/depths are approved. I appreciate you getting to this quickly.

Kind regards,

Shelly

Shelly Wells \* Environmental Specialist-Advanced

**Environmental Bureau** 

**EMNRD-Oil Conservation Division** 

1220 S. St. Francis Drive|Santa Fe, NM 87505

(505)469-7520 Shelly. Wells@emnrd.nm.gov

http://www.emnrd.state.nm.us/OCD/

From: Ben Arguijo <bena@etechenv.com> Sent: Tuesday, March 25, 2025 2:07 PM

To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

**Cc:** Connor Walker <cwalker@mewbourne.com>; Jeff Broom <jbroom@mewbourne.com>; Lance Crenshaw <lance@etechenv.com>

**Subject:** RE: [EXTERNAL] RE: [EXT] The Oil Conservation Division (OCD) has rejected the application, Application ID: 435304

Shelly,

Attached please find updated "Proposed Resample Location" maps for Mewbourne's Pavo Frio to Westall SWD Line release (NMOCD Incident ID #nAPP2424249029).

To address each of the points from your email yesterday:

- "...sample 143 is right where the excavation was between 3 and 7' depth so that one is out."
  - I have proposed two additional grab samples from sample point 143 at depths of 5.5'

and 7' (we already have a sample at 4').

- "OCD would still like to see 3 more samples gathered between 52 and 125..."
  - I have added grab sample locations 161, 162, and 163 in this area. For 163, I have proposed two grab samples at depths of 4.5' and 6', as the excavation transitioned from 3' to 6' in that area.
- "...AND 3 more samples between 101 and 87..."
  - I have added grab sample locations 158, 159, and 160 in this area.
- "Remove the suggested samples of 135, 144, 146, 150 and 152 in order to add in the 6 requested samples."
  - These sample locations are now labeled in green ("No Resample Required") on the attached maps.
- "Resubmit an updated sample proposal to me via email containing the 25 proposed sample locations prior to collection."
  - There are actually 26 proposed grab sample locations on the attached maps, including the required resamples and the 6 new locations.

If you have any questions or need any additional information, please let me know.

Respectfully, Ben J. Arguijo

#### Ben J. Arguijo

Project Manager

Environmental & Safety Solutions. Inc. 6309 Indiana Ave., Ste. D Lubbock, TX 79413 (432) 813-1592

To: <u>Jeff Broom</u>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 445963

**Date:** Wednesday, March 26, 2025 3:08:42 PM

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#) nAPP2424249029.

The sampling event is expected to take place:

**When:** 03/31/2025 @ 07:30

**Where:** L-18-18S-29E 0 FNL 0 FEL (32.74355,-104.11546)

**Additional Information:** Addison Elston, 432-236-1152

**Additional Instructions:** From the southeastern intersection of NM-360 and Cowtown Rd (32.754691, -104.106244), head SW on Cowtown Rd for 0.97 mi, then SE for 0.37 mi, then S for 0.04 mi, then W for 0.01 mi to arrive at the Pavo Frio Flow Line release area (32.743845, -104.115364).

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.

To: <u>Jeff Broom</u>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 445965

**Date:** Wednesday, March 26, 2025 3:10:27 PM

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#) nAPP2424249029.

The sampling event is expected to take place:

**When:** 04/01/2025 @ 07:30

**Where:** L-18-18S-29E 0 FNL 0 FEL (32.74355,-104.11546)

**Additional Information:** Addison Elston, 432-236-1152

**Additional Instructions:** From the southeastern intersection of NM-360 and Cowtown Rd (32.754691, -104.106244), head SW on Cowtown Rd for 0.97 mi, then SE for 0.37 mi, then S for 0.04 mi, then W for 0.01 mi to arrive at the Pavo Frio Flow Line release area (32.743845, -104.115364).

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.

To: <u>Jeff Broom</u>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 445968

**Date:** Wednesday, March 26, 2025 3:12:21 PM

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#) nAPP2424249029.

The sampling event is expected to take place:

**When:** 04/02/2025 @ 07:30

**Where:** L-18-18S-29E 0 FNL 0 FEL (32.74355,-104.11546)

**Additional Information:** Addison Elston, 432-236-1152

**Additional Instructions:** From the southeastern intersection of NM-360 and Cowtown Rd (32.754691, -104.106244), head SW on Cowtown Rd for 0.97 mi, then SE for 0.37 mi, then S for 0.04 mi, then W for 0.01 mi to arrive at the Pavo Frio Flow Line release area (32.743845, -104.115364).

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.

From: OCDOnline@state.nm.us

To: <u>Jeff Broom</u>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 445969

**Date:** Wednesday, March 26, 2025 3:14:35 PM

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#) nAPP2424249029.

The sampling event is expected to take place:

When: 04/03/2025 @ 07:30

**Where:** L-18-18S-29E 0 FNL 0 FEL (32.74355,-104.11546)

Additional Information: Addison Elston, 432-236-1152

**Additional Instructions:** From the southeastern intersection of NM-360 and Cowtown Rd (32.754691, -104.106244), head SW on Cowtown Rd for 0.97 mi, then SE for 0.37 mi, then S for 0.04 mi, then W for 0.01 mi to arrive at the Pavo Frio Flow Line release area (32.743845, -104.115364).

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

To: <u>Jeff Broom</u>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 445971

**Date:** Wednesday, March 26, 2025 3:16:34 PM

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#) nAPP2424249029.

The sampling event is expected to take place:

**When:** 04/04/2025 @ 07:30

**Where:** L-18-18S-29E 0 FNL 0 FEL (32.74355,-104.11546)

**Additional Information:** Addison Elston, 432-236-1152

**Additional Instructions:** From the southeastern intersection of NM-360 and Cowtown Rd (32.754691, -104.106244), head SW on Cowtown Rd for 0.97 mi, then SE for 0.37 mi, then S for 0.04 mi, then W for 0.01 mi to arrive at the Pavo Frio Flow Line release area (32.743845, -104.115364).

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

## Appendix F NMCRIS Investigation Abstract Form (NIAF)

MCRIS Activity No. 156549	Registration	HPD Log No(s).
Lead Agency:	US Bureau of Land Management	Carlsbad Field Office
Performing Agency: Activity ID: Performing Agency Report No:		
Other Agencies:		
Report Recipient (Your Client):	Etech Environmental & Safety Sc	olutions
Activity Types:	☐ Research Design ✓ Archae	eological Survey/Inventory
	☐ Architectural Survey/Inventory	☐ Test Excavation ☐ Monitoring
	☐ Collections/Non-Field Study	☐ Compliance Decision
	☐ Literature Review Overview	☐ Excavation ☐ Ethnographic Study
	☐ Resource/Property Visit	☐ Historic Structures Report
	☐ Other:	

Total Survey Acreage: 25.89

Total Tribal Acreage: 0.00

Total Resources Visited: 0

NMCRIS Activity No. 156549

**HPD Log No(s).** 

### **Associate/Register Resources**

	Prefix	Number	Field Site/Other Number	In GIS	Resource Type	Collections Made?	Revisit	
--	--------	--------	----------------------------	--------	---------------	-------------------	---------	--

NMCRIS Activity No. 156549

**Report Details** 

**HPD Log No(s).** 

Type of Report

Type of Report: Negative

Lead Agency

Lead Agency: US Bureau of Land Management Carlsbad Field Office

Lead Agency Report No.

Report Number: 24-688

Title of Report

Title of Report: A Class III Cultural Resources Survey for the Pavio Frio Flow Line Inadvertent

Release (32.743938°, -104.115377°) Project in Eddy County, New Mexico

**Authors:** Nadia Waski

Publication Type: Report, Monograph, or Book

Description of Undertaking (what does the project entail?)

**Description:** Etech Environmental & Safety Solutions (Etech) contracted SWCA

Environmental Consultants to conduct an intensive cultural resources pedestrian survey in support of the Pavio Frio Flow Line inadvertent pipeline release remediation project in Eddy County, New Mexico. The remediation process will require removing impacted sediments from the contaminated area and replacing them with clean soil. The survey area is 25.89 acres (10.46 hectares), including a 300 ft buffer around an overspray area of 0.70 acres (0.28 hectares), located approximately 17.6 miles (28.32 kilometers) southeast of Artesia, New Mexico entirely on lands managed by the Bureau of Land

Management (BLM) Carlsbad Field Office (CFO).

Dates of Investigation

From: 28-Aug-2024 To: 28-Aug-2024

Report Date

Report Date: 10-Sep-2024

Performing Agency/Consultant

Name: SWCA Environmental Consultants

Principal Investigator: Beau Murphy
Field Supervisor: Josh Huck

Page 3 of 11

NMCRIS Activity No. 156549

**HPD Log No(s).** 

Field Personnel Names: Dil Singh Historian/Other: N/A

Performing Agency Report Number

**Report Number:** 

Client/Customer (project proponent)

Name: Etech Environmental & Safety Solutions

Contact: Lance Crenshaw

Address: 110 N. Marienfeld Street Suite 200

Midland, TX 79701

**Phone:** 575.631.1064

Client/Customer Project Number

**Project Number:** 

NMCRIS Activity No. 156549

**HPD Log No(s).** 

#### **Ownership & Location**

Land Ownership Status (Must be indicated on Project Map)

**Owner/Manager List:** 

Land Owner/Manager	Protocol	Acres Surveyed	Acres in APE
US Bureau of Land Management Carlsbad Field Office	Class III	25.89	25.89

Total Survey Acreage: 25.89
Total Tribal Acreage: 0.00

Record Search(es)

Date of HPD/ARMS File Review: 16-Aug-2024

Date of Other Agency File Review: Click or tap to enter a date.

Survey Data

Source Graphics: NAD 83

✓ USGS 7.5' (1:24,000) topo map
□ Other Topo Map
Scale:

✓ GPS Unit <1M
</p>

☐ Aerial Photos Other Source Graphic(s):

The following tables (b,c,& e) are calculated by the NMCRIS Map Service

USGS 7.5' Topographic Map(s)

Map Name	USGS Quad Code
Illinois Camp NE, NM	32104-F1

County(ies)

County	FIPS
EDDY	35015

**Legal Description** 

Unplatted	Township (N/S)	Range (E/W)	Section
	T18S	R29E	18

Projected Legal Description

Nearest City or Town: Artesia

**Other Description:** 

NMCRIS Activity No. 156549

**GIS** 

**HPD Log No(s).** 

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NMCRIS Activity No. 156549

HPD Log No(s).

#### Methodology

Survey Field Methods

Intensity: 100% coverage

Linear Survey Units (I x y) **Configuration:** Block Survey Units

**Other Survey Units:** 

Scope: All Resources

**Coverage Method:** Systematic Pedestrian Coverage Other Method:

Survey Interval (m): 15 **Crew Size:** 

> Fieldwork Dates From 28-Aug-2024 **To** 28-Aug-2024

**Survey Person Hours:** 6 Recording Person Hours: 0

**Additional Narrative:** SWCA surveyed a 300-ft (91.44-meter) buffer around the inadvertent release location to

provide sufficient area for remediation activities. All portions of the survey area were successfully inventoried in 15-m transects, encountering no archaeological sites but two

lithic isolates.

Environmental Setting (NRCS soil designation; vegetative community; elevation; etc.)

Environmental Setting: The project area is within the Chihuahuan Basins and Playas (24a) U.S. Environmental Protection Agency Level III ecoregion (Griffith et al. 2006). The ecoregion is composed of deep depressions or grabens filled with sediment to form flat to rolling basins. Basins are either alluvial fans, internally drained basins, or river valleys internally drained with ephemeral streams. Geology underlying the project area consists of Quaternary and some late Tertiary alluvium and erosional materials from surrounding mountains, including unconsolidated basin deposits of silt, sand, and gravel. These sediments include piedmont and fan alluvium, river alluvium, lacustrine and playa deposits, eolian deposits, and calcretes. (U.S. Geological Survey 2003). The survey area itself sits at an elevation of approximately 3,545 feet (1,081 meters) above mean sea level, in an area of sandy flats with desert scrubland vegetation. The survey area is composed of a single soil type, Simona-Bippus complex, 0 to 5 percent slopes (NRCS 2024). The soil consists of fine loamy sand, formed in calcareous sandy sediments over fractured caliche, found on upland plains, mesa tops, and low ridges.

> The climate information for the survey area was compiled using the Carlsbad, New Mexico, climate station (291469) data (period of record: February 1, 1900-June 10, 2016). Rainfall for the general project area was most abundant from May through October, averaging 4.14 centimeters (cm) (1.63 inches), with September having the heaviest average precipitation. Snowfall occurred from November through April, but was heaviest between December and January, with an average of 0.47 cm (1.2 inches); annual snowfall averages 11.18 cm (4.4 inches). Average temperatures were coldest in January at -2.33 degrees Celsius (27.8 degrees Fahrenheit) and warmest in July at 35.33 degrees Celsius (95.6 degrees Fahrenheit) (Western Regional Climate Center 2024).

The typical vegetation in the area includes fourwing saltbush, seepweed, pickleweed, and alkali sacaton (Griffith et al. 2006). Plants observed during the survey include bunch grasses and forbs, as well as shrubs such as shinnery oak, narrow yucca, desert sage,

#### NMCRIS Activity No. 156549

#### HPD Log No(s).

mesquite, pencil cactus, and prickly pears. Wildlife in the area includes mule deer and coyotes. Also typical to the area are bobcat, gopher, cottontail rabbit, jackrabbit, peccary, and various species of field mice, striped skunk, and pack rat (Biota Information System of New Mexico 2024). Important animal species prehistorically included deer, jackrabbit, and cottontail rabbit. Prehistorically, bison were in the region during at least some periods.

#### Biota Information System of New Mexico

2024 Database Query for Eddy County. Available at: http://www.bison-m.org/. Accessed September 2024.

Griffith, G. E., J. M. Omernik, M. M. McGraw, G. Z. Jacobi, C. M. Canavan, T. S. Schrader, D. Mercer, R. Hill, and B. C. Moran

Ecoregions of New Mexico. Color poster with map, descriptive text, summary tables, and photographs. Map scale 1:1,400,000. U.S. Geological Survey, Reston, Virginia.

#### Natural Resources Conservation Service

Web Soil Survey. Available at: http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm. Accessed September 2024.

#### U.S. Geological Survey

2003 New Mexico Resource Geographic Information System Program (NMBGMR500kGeology). Available at: https://rgis.unm.edu/rgis6/. Accessed September 2024.

#### Western Regional Climate Center

New Mexico Climate Summaries. Climate Summary for Carlsbad, New Mexico (COOP Station ID No. 291469). Available at: https://wrcc.dri.edu/cgibin/cliMAIN.pl?nm1469. Accessed September 2024.

NMCRIS Activity No. 156549

HPD Log No(s).

Methodology

#### Percent Ground Visibility

**Ground Visibility:** 51-75%

Condition of Survey

Area:

The northern portion of the survey area includes a power line system and a two-track with an associated pipeline traversing north-south. The western part of the survey area is heavily disturbed by an access route entering from the northwest. At the project area's southern boundary, small, incised drainages are visible crossing the inadvertent release area.

#### Attachments (check all appropriate boxes)

- ✓ USGS 7.5 Topographic Map with sites, isolates, and survey area clearly drawn (required)
- ✓ Copy of NMCRIS Map Check (required)
- ☐ LA Site Forms new sites (with sketch map & topographic map) if applicable
- ☐ LA Site Forms (update) previously recorded & unrelocated sites (first 2 pages minimum)
- ☐ Historic Cultural Property Inventory Forms, if applicable
- ✓ List and Description of Isolates, if applicable
- ☐ List and Description of Collections, if applicable

#### Other Attachments

- ✓ Photographs and Log
- ✓ Other attachments Describe: BLM FAR Form

NMCRIS Activity No. 156549

HPD Log No(s).

#### **Cultural Resource Findings**

#### Investigation Results

Archaeological Sites Discovered and Registered: 0

Archaeological Sites Discovered and NOT Registered: 0

Previously Recorded Archaeological Sites Revisited (site update form required): 0

Previously Recorded Archaeological Sites Not Relocated (site update form

required):

Total Archaeological Sites (visited & recorded): 0

Total Isolates Recorded: 2

✓ Non-

Selective Isolate Recording

**HCPI Properties Discovered and Registered: 0** 

HCPI Properties Discovered And NOT Registered: 0

Previously Recorded HCPI Properties Revisited: 0

Previously Recorded HCPI Properties NOT Relocated: 0

Total HCPI Properties (visited & recorded, including acequias): 0

If No Cultural Resources Found, Discuss Why:

#### Management Summary

#### **Summary:**

SWCA Environmental Consultants (SWCA) was contracted by Etech Environmental & Safety Solutions to conduct an intensive pedestrian cultural resources survey for the Pavio Frio Flow Line Inadvertent Release (32.743938°, -104.115377°) Remediation Project in Eddy County, New Mexico. The survey included the 0.70-m (0.28 hectare [ha]) inadvertent release area and a 300 ft x 300 ft cultural resources buffer. The total survey area is 25.89 acres (10.46 ha).

In accordance with Section 106 of the National Historic Preservation Act (Public Law 89-665), as amended, a cultural resources inventory was completed to locate, identify, and record any cultural resources that may be affected within the area of potential effects (APE) of the proposed project, and provide recommendations regarding their eligibility for listing in the National Register of Historic Places (NRHP).

No archaeological sites or historic properties were observed during the current investigation; two isolated occurrences (IO) of unknown age were identified. IO 1 is a gray chert flake, and IO 2 is a gray and pink chert late-stage biface fragment. The isolated occurrences are recommended as not eligible for NRHP listing. No additional investigation or treatment is recommended regarding the current undertaking; however, if previously unrecorded cultural resources are discovered during the undertaking, SWCA recommends that work should cease and the BLM-CFO should be notified immediately.

NMCRIS Activity No. 156549

**HPD Log No(s).** 

#### **Attachments**

#### **Documents**

Attachment Type	Description	Name	File Type	Size	Upload Date	Upload By
Report/Manuscript	Negative Report	NMCRIS_156549	PDF			Nadia Waski



Figure 1. Project overview, from eastern boundary, facing west (Frame 9739).



Figure 2. Project overview, from western boundary, facing east (Frame 7930).



Figure 3. Project overview of inadvertent release area with drainages to the south, facing east (Frame 6919).



Figure 4. Project overview with inadvertent release area, from southern boundary, facing north (Frame 4458).



Figure 5. Project overview, from north boundary, facing southwest (Frame 0710).

Table 1. Locational Information for Isolated Occurrences (IO) within the Survey Area

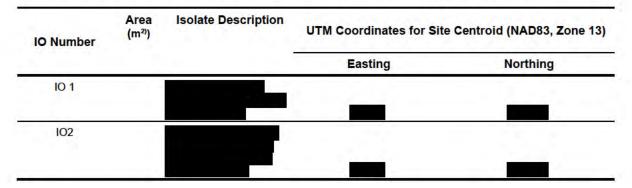




Figure 6. IO 2,

Table 2. Locational Information for Project Overview Photos within the Survey Area

Photo number	Photo Description	UTM Coordinates for Site Centroid (NAD83, Zone 1	
		Easting	Northing
Frame 0710	Project overview, facing southwest	582934	3623344
Frame 4458	Project overview, facing north	582774	3622857
Frame 6919	Project overview, facing east	582842	3623202
Frame 7930	Project overview, facing east	582704	3622984
Frame 9739	Project overview, facing west	582967	3623046



Figure 7. NMCRIS Records search showing previously conducted surveys (brown and yellow polygons), previously recorded resources (orange) and the survey area (light green).

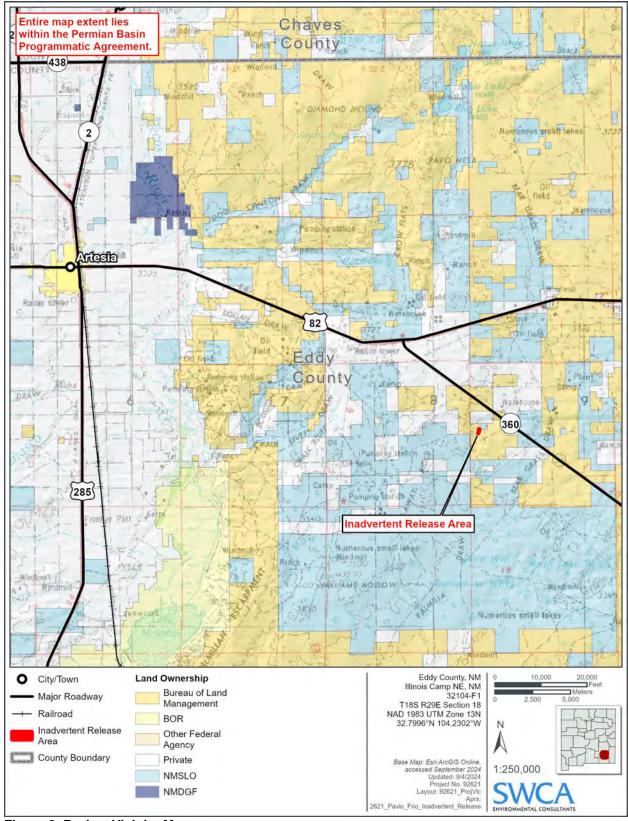


Figure 8. Project Vicinity Map.

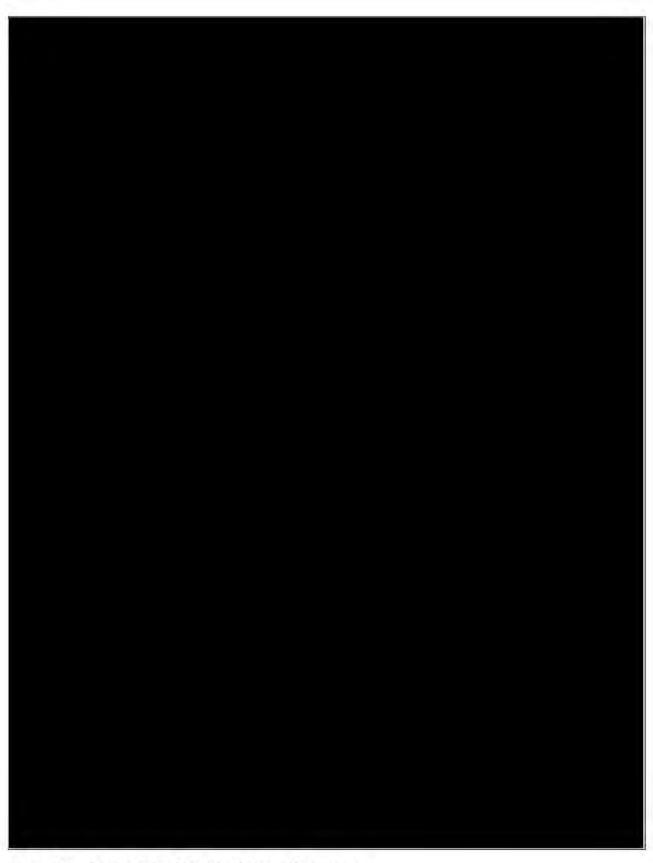


Figure 9. Project Location Map with Cultural Resources.

FReceived by OCD: 11/7/2025 3:01:04 PM United States

United States
Department of the Interior
Bureau of Land Management

FIELDWORK AUTHORIZATION REQUEST

Page 490 of 501
INFORMATION
REQUIREMENT
APPROVED
OMB NO. 1024-0037

For BLM Use Only

To Conduct Specific Cultural Resource Work under the Authority of a Cultural Resource Use Permit Issued by the Bureau of Land Management Pursuant to Sec. 302 (b) of P. L. 94-579, October 21, 1976, 43 USC 1732 Sec. 4 of P. L. 96-95, October 31, 1979, 16 USC, 470cc

1. Permit Number and Date Issued 110-2920-223-IIII	2. Name of Permittee Courtney Blair
3. Mailing Address and Telephone Number	
SWCA Environmental Consultants Address: 5647 Jefferson St. NE Albuquerque, New Mexico 87109	Vgrgr j qpg ]*zzz+zzz/zzzz_< (505) 254-1115
4. Nature of Cultural Resources Work Proposed (if Consultation Work,	Identify Client and Project)
Survey of proposed Pavio Frio Inadvertent Release Project in Eddy County. Storage areas that are needed.	urvey at least a 100ft buffer around the spill area and any roads or soil stock
<ul><li>5. Location of Proposed Work (Include Map)</li><li>a. Description of Public Lands Involved</li></ul>	b. Identification of Cultural Resource(s) Involved (if applicable)
SE New Mexico, BLM CFO in Eddy County, NM	No sites were found within 100 feet of the inadvertent release.  One qualifying previous survey intersects the northern portion of the release. SWCA plans to survey a 300 ft cultural buffer around the release.
6. Period During Which Work Will Be Conducted	
From ]o o Iff 1{{_: 8/28/24	To ]o o If f 1{ {_: 9/1/24
7. Name of Individual(s) Responsible for Planning and Supervising Fie	ldwork and Approving Report, Evaluations, and Recommendations
Beau Murphy - Project Manager Courtney Blair - Cultural Resources Lead Robin Cordero-PI	
8. Signature Courtney Blair	9. Date ]o o If f 1{ {_< 8/23/24
10. Approved	11. Date ]o o If f 1{ { _< 8/27/24
Aaron Whaley (Authorized Officer)	
(Authorized Officer)	

Submit one copy of each request, by mail, FAX, or in person to the Field Office Manager in the BLM Field Office with administrative jurisdiction over the public lands involved.

## Appendix G Addendum

From: OCDOnline@state.nm.us < OCDOnline@state.nm.us >

**Sent:** Wednesday, November 27, 2024 11:54:04 AM **To:** Connor Walker < <u>cwalker@mewbourne.com</u>>

Subject: [EXT] The Oil Conservation Division (OCD) has rejected the application, Application ID:

403175

To whom it may concern (c/o Connor Walker for MEWBOURNE OIL CO),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2424249029, for the following reasons:

- Remediation closure denied for the following:
- 1) Samples were not collected pursuant to 19.15.29.12D.(1)(c) NMAC. The estimated surface area that was remediated was 31,460 square feet which should have resulted in the collection of at least 157 base samples.

Between January 24 and January 27, 2025, a total of 35 sections (FL 123 through FL 157) of the previously backfilled excavation were re-excavated to four (4) feet below ground surface (bgs) to facilitate the collection of additional floor samples from the remediated area (with one area requiring additional excavation to 5 feet bgs). The locations of the additional floor samples are depicted on Figures 3A and 3B in the preceding report. Laboratory analytical results are summarized in Table 1, and the corresponding lab reports are provided in Appendix D.

2) Samples were collected on 9/23/24 without proper sampling notification. Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D(1)(a) NMAC. Failure to provide proper sampling notice is a compliance issue and the OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D(1)(a) NMAC.

This was an oversight. Mewbourne and Etech will take pains to ensure future compliance with 19.15.29.12.D(1)(a) NMAC.

3) The Site Characterization distances for the following need updated when you
resubmit your report: a) Significant watercourse-the release pathway ends in an arroyo
which is a significant watercourse b) Figure 2A shows Wetlands a couple hundred feet
away c) Figure 2B shows Karst as Low

The "Site Characterization" table in Section 2.0 of the preceding report has been updated as appropriate.

- 4) Area of TT2 was excavated to 3' however delineation samples show chlorides above closure criteria down to 5'. This needs to be addressed before closure can be approved.
- 5) In the area of TT2, how was WW1 and EW1 collected at 0-7 feet if FL 8 was collected at 3' and FL 5-7 were collected at 4'? Explain in resubmittal.

The area characterized by test Trench TT 2 was excavated to a total depth of seven (7) feet bgs. The excavated area was characterized by composite floor sample FL 9 @ 7'. Composite wall samples EW 1 and WW 1 were collected along areas that included sample points FL 5 through FL 9. In Figure 3B of the rejected closure request, the label for trench TT 2 was inadvertently covering the label for sample point FL 9. This error has been corrected in Figure 3B of the preceding report.

Resubmit remediation closure report to the OCD by 2/25/25.

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 403175.

Please review and make the required correction(s) prior to resubmitting. If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you, Shelly Wells Environmental Specialist-A 505-469-7520 Shelly.Wells@emnrd.nm.gov

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 524537

#### **QUESTIONS**

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	524537
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

Prerequisites		
Incident ID (n#)	nAPP2424249029	
Incident Name	NAPP2424249029 PAVO FRIO TO WESTALL SWD LINE @ L-18-18S-29E	
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	PAVO FRIO TO WESTALL SWD LINE	
Date Release Discovered	08/15/2024	
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	Yes
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: Lightning   Pipeline (Any)   Produced Water   Released: 108 BBL   Recovered: 0 BBL   Lost: 108 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)	The affected area contains an unnamed arroyo to the SSW of the GPS coordinates that is dry and only flows during major monsoons.

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 524537

QUESTIONS (continued)	
Operator:  MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID:  14744  Action Number:  524537  Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	[0] Nonedation ordered to (0 v disease)
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; (2) an unauthorized release of a volume that: (b) may with reasonable probability reach a watercourse.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response The responsible party must undertake the following actions immediately unless they could create a s	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	n/a
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are require ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Jeff Broom Title: Environmental Rep Email: jbroom@mewbourne.com Date: 11/07/2025

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 524537

**QUESTIONS** (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	524537
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

al and beyond). This information must be provided to the appropriate district office no later than 90 days after the	
Between 100 and 500 (ft.)	
NM OSE iWaters Database Search	
No	
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
Zero feet, overlying, or within area	
Between 1000 (ft.) and ½ (mi.)	
Greater than 5 (mi.)	
Between 1000 (ft.) and ½ (mi.)	
Between ½ and 1 (mi.)	
Greater than 5 (mi.)	
Zero feet, overlying, or within area	
Greater than 5 (mi.)	
Zero feet, overlying, or within area	
Low	
Between 1 and 5 (mi.)	
Yes	

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination	associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride (EPA 300.0 or SM4500 Cl B)	20000	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	14700	
GRO+DRO (EPA SW-846 Method 8015M)	11400	
BTEX (EPA SW-846 Method 8021B or 8260B)	0	
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	09/06/2024	
On what date will (or did) the final sampling or liner inspection occur	01/27/2025	
On what date will (or was) the remediation complete(d)	01/27/2025	
What is the estimated surface area (in square feet) that will be reclaimed	31460	
What is the estimated volume (in cubic yards) that will be reclaimed	4128	
What is the estimated surface area (in square feet) that will be remediated	31460	
What is the estimated volume (in cubic yards) that will be remediated	4136	
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 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 4

Action 524537

**QUESTIONS** (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	524537
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
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)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

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 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.

Name: Jeff Broom
Title: Environmental Rep
Email: jbroom@mewbourne.com
Date: 11/07/2025

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.

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

QUESTIONS, Page 5

Action 524537

**QUESTIONS** (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	524537
	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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Phone: (505) 629-6116
Online Phone Directory
<a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

QUESTIONS, Page 6

Action 524537

**QUESTIONS** (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	524537
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	445971
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/04/2025
What was the (estimated) number of samples that were to be gathered	26
What was the sampling surface area in square feet	5200

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	31460			
What was the total volume (cubic yards) remediated	4136			
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	31460			
What was the total volume (in cubic yards) reclaimed	4128			
Summarize any additional remediation activities not included by answers (above)	n/a			

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.

Name: Jeff Broom
Title: Environmental Rep
Email: jbroom@mewbourne.com
Date: 11/07/2025

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

QUESTIONS, Page 7

Action 524537

**QUESTIONS** (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	524537
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

Reclamation Report		
Only answer the questions in this group if all reclamation steps have been completed.		
Requesting a reclamation approval with this submission	No	

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

CONDITIONS

Action 524537

#### **CONDITIONS**

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	524537
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### CONDITIONS

	Created By	Condition	Condition Date
Ī	scwells	None	11/21/2025