# Remediation Summary & Soil Closure Request

## Mewbourne Oil Company Delaware Ranch SWD Line

Eddy County, New Mexico
Unit Letter "O", Section 11, Township 26 South, Range 28 East
Latitude 32.05209° North, Longitude 104.05617° West
NMOCD Reference No. nAPP2421554026

Prepared By:

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### 1.0 PROJECT INFORMATION

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

	22.05200°	10	M 05617°				
Latitude:	32.05209° Provide	Longitude d GPS are in WGS84 for		04.05617°			
Site Name: Dela	aware Ranch SWD Line	Site Type:	F	Pipeline			
Date Release Discovere		API # (if appl		N/A			
Unit Letter Sector "O" 1	•	Range 28E	County Eddy				
Surface Owner: Sta	te Federal Tribal	X Private (N	ameDelaw	vare Ranch, Inc.			
	Nature ar	nd Volume of	Release				
Crude Oil	Volume Released (bbls)		Volume Recovered (	bbls)			
X Produced Water	Volume Released (bbls)	145	Volume Recovered (bbls) 0				
	Is the concentration of dissorthe produced water > 10,000		X Yes N	lo N/A			
Condensate	Volume Released (bbls)		Volume Recovered (bbls)				
Natural Gas	Volume Released (Mcf)		Volume Recovered (Mcf)				
Other (describe)	Volume/Weight Released		Volume/Weight Recovered				
Cause of Release: Valve failure due to co	rrosion on an above ground	flow line west of	he Delaware Ranch S'	WD.			
	In	nitial Response					
X The source of the re	elease has been stopped.						
X The impacted area l	nas been secured to protect hui	man health and the	environment.				
X Release materials h	ave been contained via the use	of berms or dikes.	absorbent pad, or other	r containment devices			

Previously submitted portions of the New Mexico Oil Conservation Division (NMOCD) Form C-141 are available in the NMOCD Imaging 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?	Direct Measurement
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?	Between 1,000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Between 1 and 5 (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 1,000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field?	Greater than 5 (mi.)
A wetland?	Between 1 and 5 (mi.)
A subsurface mine?	Greater than 5 (mi.)
A (non-karst) unstable area?	Between 1,000 (ft.) and ½ (mi.)
Categorize the risk of this well/site being in a karst geology.	Medium
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 Delaware Ranch SWD Line release site.

Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. In addition, on September 3, 2024, an investigative soil boring (NMOSE ID #C-04863-POD 1) was drilled nearby to determine if shallow groundwater is present in the area. The soil boring was advanced to a total depth of approximately 105 feet bgs and left open for over 72 hours. No indications of inflow and/or accumulation of water were noted during the advancement of the soil boring or prior to plugging and abandonment. In addition, a groundwater gauging event conducted on September 6, 2024, confirmed that the borehole was dry. The location of the investigative soil bore is depicted in Figures 2A, 2B, and 4. A drilling log and additional depth to groundwater information are provided in Appendix A.

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

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

Based on the volume and nature of the release, inferred depth to groundwater, and NMOCD Siting Criteria, the NMOCD Closure Criteria and NMOCD Reclamation Standards for the Delaware Ranch SWD Line release 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 Standard*‡
	Chloride (Cl-)	EPA** 300.0 or SM4500 Cl B	20,000	600
Between 100 and	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	2,500	100
500 (ft.)	Gas Range Organics + Diesel Range Organics (GRO+DRO)	EPA SW-846 Method 8015M	1,000	N/A
500 (It.)	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 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?	7/29/2024
On what date will (or did) the final sampling or liner inspection occur?	8/16/2024
On what date will (or was) the remediation complete(d)?	9/5/2024
What is the total surface area (sq. ft.) in need of or that will eventually be reclaimed?	48,825
What is the total volume (cy) in need of or that will <i>eventually</i> be reclaimed?	7,183
What was the total surface area (sq. ft.) that has or will be remediated?	48,825
What was the total volume (cy) that has or will be remediated?	10,056
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 Red Bluff Facility
NMOCD Disposal Facility ID?	Texas
Summarize any additional remediation activities not included by answers above.	See below

On July 29, 2024, Etech commenced remediation activities at the release 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 in the table on the following page.

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

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

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

#### **Summary of Soil Sampling Events**

Constituent	Highest Observable Concentration (mg/kg)	Sample ID	Sample Date	Sample Depth (ft bgs)	Soil Status
Chloride	12,400	TT 2 @ 0'	8/15/24	0	Excavated
ТРН	35.4	TT 1 @ 0'	8/15/24	0	Excavated
GRO+DRO	35.4	TT 1 @ 0'	8/15/24	0	Excavated
BTEX	<0.300	All submitted soil samples	8/7, 8/8, 8/9, 8/14, 8/15 & 8/16/24	0 - 20	In-Situ & Excavated
Benzene	<0.050	All submitted soil samples	8/7, 8/8, 8/9, 8/14, 8/15 & 8/16/24	0 - 20	In-Situ & Excavated

Please reference Table 1 for additional information.

On August 7, 2024, Etech collected 54 confirmation soil samples (FL 1 @ 3' through FL 42 @ 4', NW 1 through NW 6, EW 1, EW 2, and SW 1 through SW 4) from the floor and sidewalls of the excavated area. The soil samples were submitted a certified, commercial laboratory (henceforth, "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/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also less than the applicable laboratory method detection limits (MDL), with the exception of sample FL 19 @ 4', which exhibited a TPH concentration of 13.7 mg/kg. Chloride concentrations ranged from 16.0 mg/kg in soil samples FL 9 @ 4' and FL 18 @ 4' to 9,920 mg/kg in soil sample FL 29 @ 7'.

On August 8, 2024, Etech collected 44 confirmation soil samples (FL 43 @ 4' through FL 85 @ 4' and EW 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, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also less than the applicable laboratory MDL. Chloride concentrations ranged from 64.0 mg/kg in soil samples FL 59 @ 4' and FL 65 @ 4' to 10,600 mg/kg in soil sample FL 72 @ 4'.

On August 9, 2024, Etech collected 48 confirmation soil samples (FL 86 @ 4' through FL 132 @ 4' and SW 5) 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/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also less than the applicable laboratory MDL. Chloride concentrations ranged from 32.0 mg/kg in soil samples FL 107 @ 4', FL 127 @ 4', and FL 128 @ 4' to 11,600 mg/kg in soil sample FL 131 @ 4'.

On August 14, 2024, Etech collected 41 confirmation soil samples (FL 133 @ 4' through FL 169 @ 4', NW 7, SW 6, SW 7, and SW 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/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also less than the applicable laboratory MDL. Chloride concentrations ranged from 48.0 mg/kg in soil sample SW 6 to 11,000 mg/kg in soil sample FL 136 @ 4'.

On August 15, 2024, Etech advanced two (2) test trenches (TT 1 and TT 2) within the release margins in an effort to further investigate the vertical extent of impacted soil. During the advancement of the test trenches, soil samples were collected at increments of two (2) feet and field-screened for concentrations of chloride utilizing a chloride field test kit and/or the presence of Volatile Organic Compounds utilizing olfactory/visual senses. Trench TT 1 was advanced to a total depth of approximately 20 feet bgs, and trench TT 2 was advanced to a total depth of approximately 12 feet bgs.

Based on field observations and field test data, a total of 12 delineation soil samples (TT 1 @ 0' through TT 1 @ 20' and TT 2 @ 0' through TT 2 @ 12') were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Based on laboratory analytical results and field screens, the vertical extent of impacted soil was adequately defined and did not extend beyond 12 feet bgs in trench TT 2 or 20 feet bgs in trench TT 1.

On August 15, 2024, Etech also collected 13 confirmation soil samples (FL 170 @ 4' through FL 182 @ 4') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also less than the applicable laboratory MDL. Chloride concentrations ranged from 368 mg/kg in soil sample FL 173 @ 4' to 10,600 mg/kg in soil sample FL 175 @ 4'.

On August 16, 2024, Etech collected 39 confirmation soil samples (FL 183 @ 4' through FL 215 @ 4', NW 7, NW 8, NW 9, SW 9, 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, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also less than the applicable laboratory MDL. Chloride concentrations ranged from 64.0 mg/kg in soil samples SW 9, WW 1, and WW 2 to 8,930 mg/kg in soil sample FL 187 @ 4'.

The final dimensions of the excavated area were approximately 380 to 394 feet in length, eight (8) to 186 feet in width, and two (2) to seven (7) feet in depth. During the course of remediation activities, Etech transported approximately 10,056 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 10,060 cubic yards of locally sourced, non-impacted material to the site for use as backfill.

The extent of the excavated area and the locations of the confirmation soil samples and test trenches are depicted in Figure 3, "Sample Location Map". Soil chemistry data is summarized in Table 1. Field data is provided in Appendix B. General photographs of the release site are provided in Appendix C. Laboratory analytical reports are provided in Appendix D. Copies of all regulatory correspondence are provided in Appendix E.

### 5.0 SOIL CLOSURE REQUEST

Requesting a deferral of remediation closure due date with the approval of this submission?	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?	48,825
What was the total volume (cy) remediated?	10,056

Remediation activities were conducted in accordance with NMOCD regulatory guidelines. 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 *Remediation Summary & Soil Closure Request* to the appropriate agencies and request remediation closure approval be granted to the Delaware Ranch SWD Line release.

### 6.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

All areas not reasonably needed for production or subsequent drilling operations have been reclaimed	
to contain a minimum of four feet of non-waste containing earthen material with concentrations of less	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?	48,825
What was the total volume (in cubic yards) reclaimed?	7,183

On August 23, 2024, a 5-point composite soil sample (Delaware Ranch Pit Sample) was collected from the imported material to be utilized as backfill. 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 in the soil sample were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards and confirmed that the material was acceptable for use as backfill.

From August 21 through September 5, 2024, upon receiving laboratory analytical results from confirmation soil samples, the excavated area was backfilled with the stockpiled material (characterized by soil sample Delaware Ranch Pit Sample) 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.

Affected areas not on production pads and/or lease roads will be reseeded with an agency and/or landowner-approved seed mixture during the first favorable growing season following closure of the site. The seed mix will be certified as weed-free and installed at the prescribed rate utilizing either a seed drill or a broadcaster and harrow.

### 7.0 LIMITATIONS

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

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

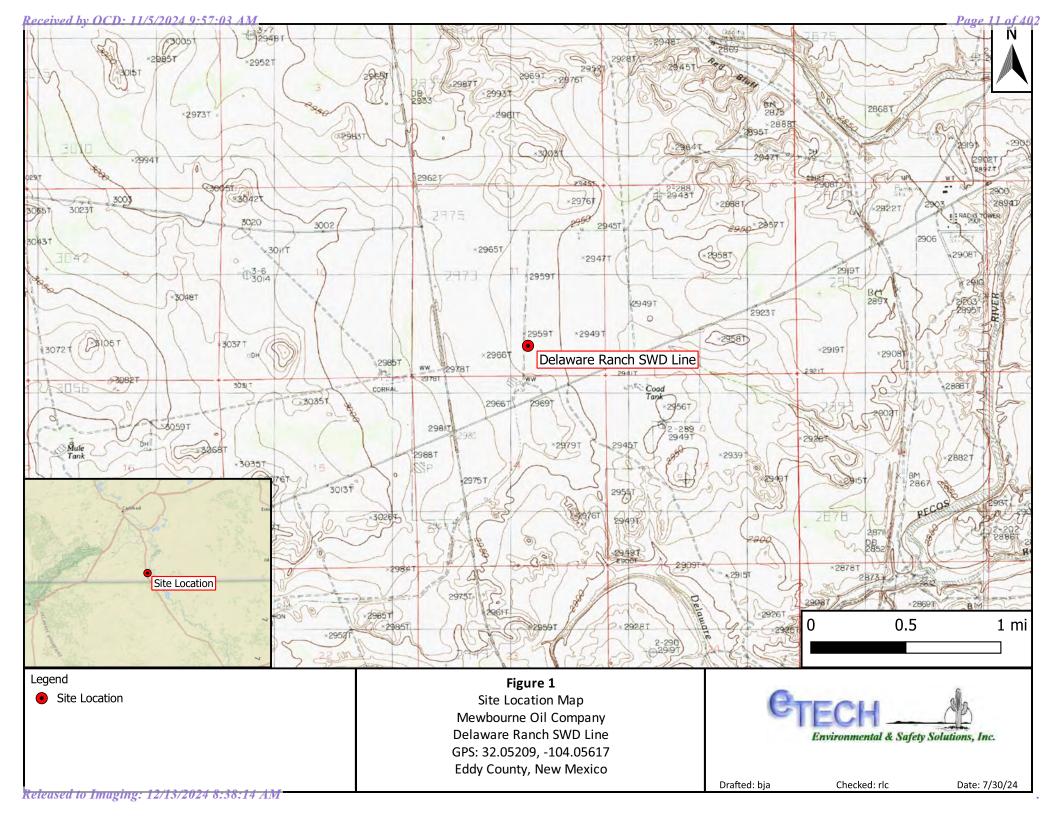
### 8.0 DISTRIBUTION

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

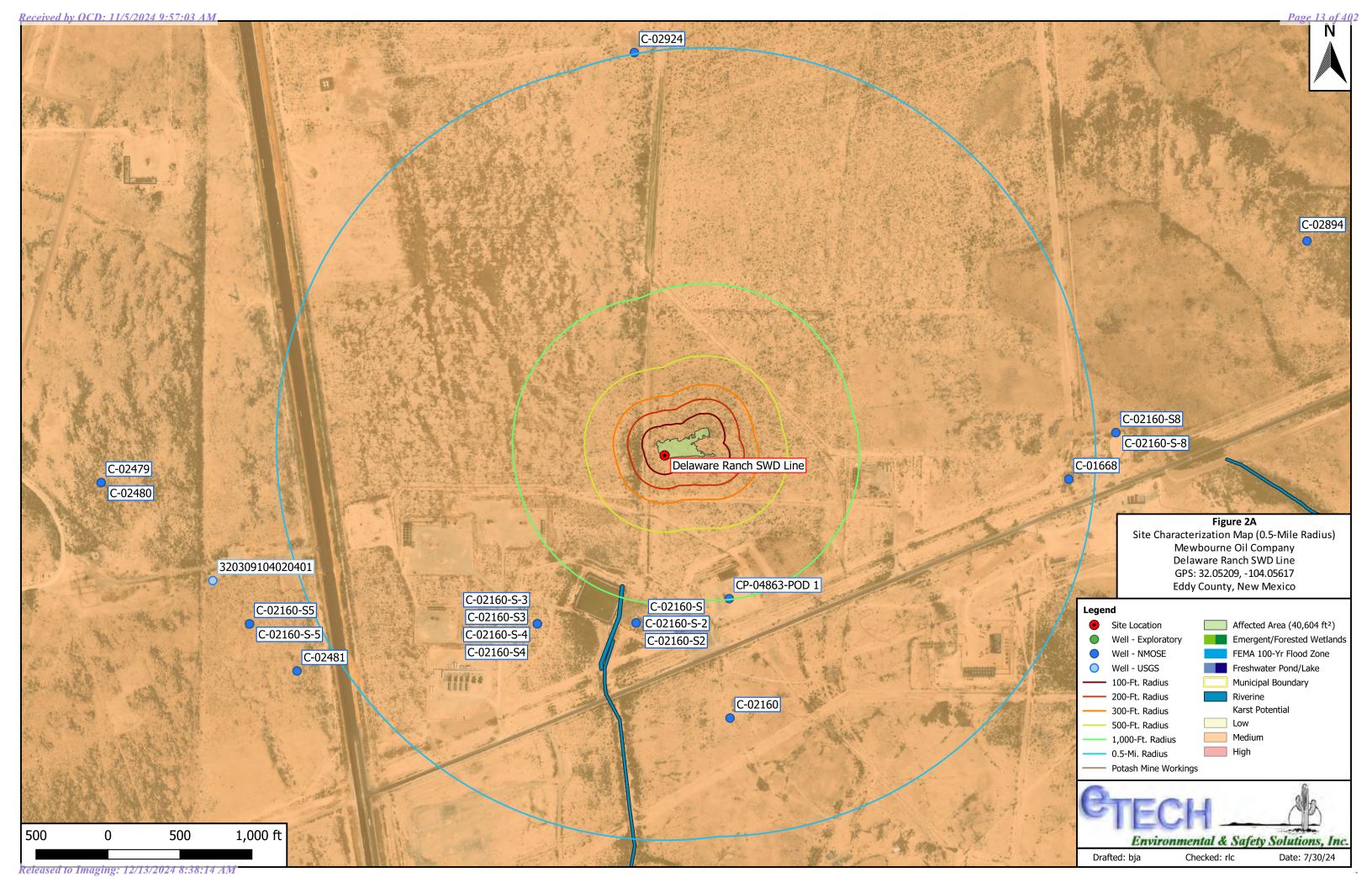
New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division, District 2 811 S. First Street Artesia, NM 88210

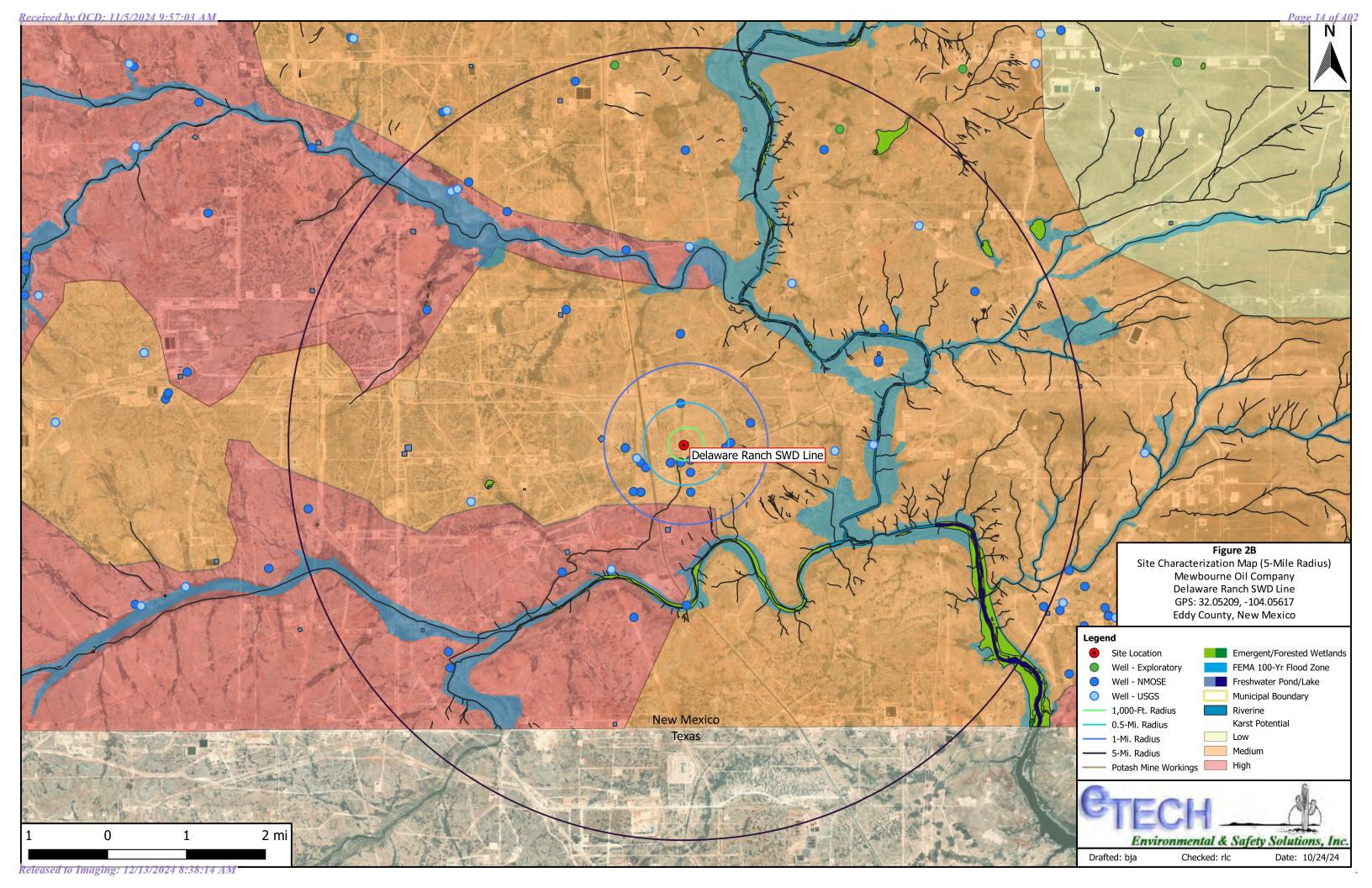
(Electronic Submission)

# Figure 1 Site Location Map

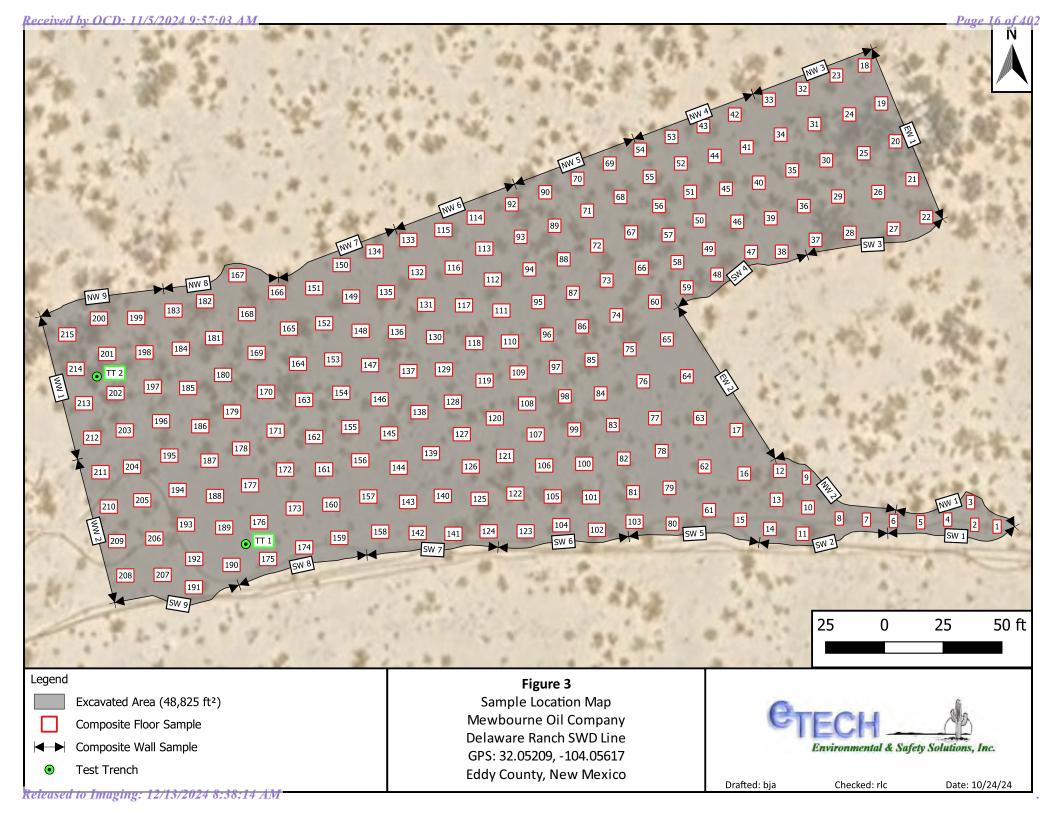


## Figures 2A & 2B Site Characterization Maps





# Figure 3 Sample Location Map



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

					Table 1						
			Concentr	ations of l	BTEX, TP	H & Chlo	ride in So	il			
				Mewbo	urne Oil (	Company					
				Delawai	re Ranch S	SWD Line					
			N.	MOCD R	ef.#: nAP	P2421554	026				
NM	IOCD Closure (	Criteria		10	50	N/A	N/A	1,000	N/A	2,500	20,000
NMO	CD Reclamation	n Standard	i	10	50	N/A	N/A	N/A	N/A	100	600
				SW 840	6 8021B		SW	846 8015M	Ext.		4500 Cl
Sample ID	Date	Depth	Soil Status	D.	DODA	GRO	DRO	GRO + DRO	ORO	ТРН	CII II
Sample 1D	Date	(Feet)	Son Status	Benzene (mg/kg)	BTEX (mg/kg)	C <sub>6</sub> -C <sub>10</sub>	C <sub>10</sub> -C <sub>28</sub>	C <sub>6</sub> -C <sub>28</sub>	C <sub>28</sub> -C <sub>36</sub>	C <sub>6</sub> -C <sub>36</sub>	Chloride (mg/kg)
				(8/8/	(8/8/	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(88/
			1		lineation San	•					
TT 1 @ 0'	8/15/2024	0	Excavated	< 0.050	< 0.300	<10.0	35.4	35.4	<10.0	35.4	9,400
TT 1 @ 2'	8/15/2024	2	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	11,000
TT 1 @ 4'	8/15/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,040
TT 1 @ 8'	8/15/2024	8	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,120
TT 1 @ 12'	8/15/2024	12	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,840
TT 1 @ 16'	8/15/2024	16	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,240
TT 1 @ 20'	8/15/2024	20	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
TT 2 @ 0'	8/15/2024	0	Excavated	< 0.050	< 0.300	<10.0	12.9	12.9	<10.0	12.9	12,400
TT 2 @ 2'	8/15/2024	2	Excavated	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,000
TT 2 @ 4'	8/15/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,440
TT 2 @ 8'	8/15/2024	8	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,120
TT 2 @ 12'	8/15/2024	12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FI 1 @ 21	0/7/0004		T 01:		cavation San	_	.10.0	20.0	100	20.0	22.0
FL 1 @ 3'	8/7/2024	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 2 @ 3'	8/7/2024	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 3 @ 2'	8/7/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 4 @ 4' FL 5 @ 4'	8/7/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
	8/7/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
FL 6 @ 4' FL 7 @ 4'	8/7/2024 8/7/2024	4	In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0 <10.0	<20.0	<10.0 <10.0	<30.0 <30.0	832 848
FL 7 @ 4 FL 8 @ 4'	8/7/2024	4	In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,260
FL 9 @ 4'	8/7/2024	4	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 10 @ 4'	8/7/2024	4	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 10 @ 4'	8/7/2024	4				<10.0			<10.0	<30.0	448
FL 11 @ 4 FL 12 @ 4'	8/7/2024		In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0 <10.0	<20.0 <20.0	<10.0	<30.0	160
FL 12 @ 4 FL 13 @ 4'	8/7/2024		In-Situ In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	832
FL 13 @ 4'		4					<10.0		_	_	608
FL 14 @ 4 FL 15 @ 4'	8/7/2024 8/7/2024	4	In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0 <20.0	<10.0 <10.0	<30.0 <30.0	192
FL 13 @ 4'	8/7/2024	4	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	640
FL 10 @ 4 FL 17 @ 4'	8/7/2024		In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	640
FL 17 @ 4 FL 18 @ 4'	8/7/2024	4	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 18 @ 4 FL 19 @ 4'	8/7/2024		In-Situ In-Situ	< 0.050	< 0.300	<10.0	13.7	13.7	<10.0	13.7	784
FL 20 @ 4'	8/7/2024		In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
FL 21 @ 4'	8/7/2024		In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 22 @ 4'	8/7/2024		In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496
FL 23 @ 4'	8/7/2024		In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,200
FL 24 @ 4'	8/7/2024		In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,200
FL 25 @ 4'	8/7/2024		In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,400
FL 26 @ 4'	8/7/2024		In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,640
FL 27 @ 4'	8/7/2024		In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	928
FL 28 @ 4'	8/7/2024		In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	672
FL 29 @ 7'	8/7/2024	7	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,920
FL 30 @ 4'	8/7/2024	_	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,560
FL 31 @ 4'	8/7/2024		In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
- + -			- ~	2	2.200						

## Table 1 Concentrations of BTEX, TPH & Chloride in Soil **Mewbourne Oil Company Delaware Ranch SWD Line**

NMOCD Ref. #: nAPP2421554026											
	OCD Closure (			10	50	N/A	N/A	1,000	N/A	2,500	20,000
NMOC	D Reclamation	Standard		10	50	N/A	N/A	N/A	N/A	100	600
				SW 840	6 8021B	SW 846 8015M Ext.				4500 Cl	
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <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 32 @ 4'	8/7/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	688
FL 33 @ 4'	8/7/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,040
FL 34 @ 5'	8/7/2024	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL 35 @ 5'	8/7/2024	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL 36 @ 4'	8/7/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,130
FL 37 @ 4'	8/7/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,320
FL 38 @ 4'	8/7/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	656
FL 39 @ 4'	8/7/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,680
FL 40 @ 4'	8/7/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,320
FL 41 @ 4'	8/7/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,880
FL 42 @ 4'	8/7/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,110
FL 43 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496
FL 44 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	544
FL 45 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,520
FL 46 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,070
FL 47 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,800
FL 48 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 49 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 50 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
FL 51 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,600
FL 52 @ 5'	8/8/2024	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,400
FL 53 @ 5'	8/8/2024	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,520
FL 54 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	976
FL 55 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,520
FL 56 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,360
FL 57 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,480
FL 58 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,920
FL 59 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 60 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 61 @ 3'	8/8/2024	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 62 @ 3'	8/8/2024	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FL 63 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	928
FL 64 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
FL 65 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 66 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,100
FL 67 @ 5'	8/8/2024	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,840
FL 68 @ 5'	8/8/2024	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,000
FL 69 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,960
FL 70 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 71 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,000
FL 72 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,600
FL 73 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,300
FL 74 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,810
FL 75 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,600
FL 76 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,200

## Table 1 Concentrations of BTEX, TPH & Chloride in Soil **Mewbourne Oil Company Delaware Ranch SWD Line**

Delaware Ranch SWD Line NMOCD Ref. #: nAPP2421554026											
NMO	OCD Closure (	Criteria	14.	10 10	50	N/A	N/A	1,000	N/A	2,500	20,000
NMOC	D Reclamation	Standard	l	10	50	N/A	N/A	N/A	N/A	100	600
				SW 840	6 8021B		SW 846 8015M Ext.				4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <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 77 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	880
FL 78 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
FL 79 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 80 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL 81 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,700
FL 82 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,400
FL 83 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	800
FL 84 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,120
FL 85 @ 4'	8/8/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,640
FL 86 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,060
FL 87 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,760
FL 88 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 89 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,760
FL 90 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,880
FL 91 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,720
FL 92 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,840
FL 93 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,720
FL 94 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,520
FL 95 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,760
FL 96 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,260
FL 97 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,220
FL 98 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	688
FL 99 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 100 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,070
FL 101 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,640
FL 102 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,080
FL 103 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	576
FL 104 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL 105 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,560
FL 106 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,160
FL 107 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 108 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	608
FL 109 @ 5'	8/9/2024	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,200
FL 110 @ 5'	8/9/2024	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,080
FL 111 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,360
FL 112 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,400
FL 113 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,440
FL 114 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	544
FL 115 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,410
FL 116 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,120
FL 117 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,840
FL 118 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,400
FL 119 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	768
FL 120 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,360
FL 121 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,160
	0/ // 2024		อาเน	\0.030	\0.500	\10.U	10.0	\20.0	\10.U	\J0.0	7,100

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
Mewbourne Oil Company
Delaware Ranch SWD Line
NMOCD Ref. #: nAPP2421554026

NMOCD Ref. #: nAPP2421554026											
NMC	OCD Closure (	Criteria		10	50	N/A	N/A	1,000	N/A	2,500	20,000
NMOCI	D Reclamation	Standard		10	50	N/A	N/A	N/A	N/A	100	600
				SW 840	6 8021B		SW	846 8015M	Ext.	T	4500 Cl
Sample ID	Date	Depth (Feet)	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 122 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,140
FL 123 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 124 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	848
FL 125 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	944
FL 126 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,640
FL 127 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 128 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 129 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	688
FL 130 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL 131 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	11,600
FL 132 @ 4'	8/9/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,280
FL 133 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	640
FL 134 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,560
FL 135 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,440
FL 136 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	11,000
FL 137 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	560
FL 138 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,120
FL 139 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,840
FL 140 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 141 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	864
FL 142 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	960
FL 143 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	752
FL 144 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,360
FL 145 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 146 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,950
FL 147 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,200
FL 148 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,680
FL 149 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,280
FL 150 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	576
FL 151 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,480
FL 152 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,960
FL 153 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,040
FL 154 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,760
FL 155 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,200
FL 156 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,280
FL 157 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,090
FL 158 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,340
FL 159 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,570
FL 160 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
FL 161 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,000
FL 162 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,040
FL 163 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,560
FL 164 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,120
FL 165 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,480
FL 166 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,880

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
Mewbourne Oil Company
<b>Delaware Ranch SWD Line</b>
NMOCD Ref. #: nAPP2421554026

NMOCD Ref. #: nAPP2421554026											
NM	OCD Closure (	Criteria		10	50	N/A	N/A	1,000	N/A	2,500	20,000
NMOC	D Reclamation	Standard	l	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)	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 167 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	864
FL 168 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,120
FL 169 @ 4'	8/14/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,240
FL 170 @ 4'	8/15/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,600
FL 171 @ 4'	8/15/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,400
FL 172 @ 4'	8/15/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,730
FL 173 @ 4'	8/15/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
FL 174 @ 4'	8/15/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,250
FL 175 @ 4'	8/15/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,600
FL 176 @ 4'	8/15/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	704
FL 177 @ 4'	8/15/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,600
FL 178 @ 4'	8/15/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,200
FL 179 @ 4'	8/15/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,200
FL 180 @ 4'	8/15/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,060
FL 181 @ 4'	8/15/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,400
FL 182 @ 4'	8/15/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,240
FL 183 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,530
FL 184 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,260
FL 185 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,400
FL 186 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,800
FL 187 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,930
FL 188 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,530
FL 189 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,900
FL 190 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,300
FL 191 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,920
FL 192 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,000
FL 193 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,760
FL 194 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,200
FL 195 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,120
FL 196 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,920
FL 197 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,040
FL 198 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,320
FL 199 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,240
FL 200 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,760
FL 201 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,880
FL 202 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,760
FL 203 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,880
FL 204 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,000
FL 205 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,200
FL 206 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,120
FL 207 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,160
FL 208 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,120
FL 209 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,640
FL 210 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,480
FL 211 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,840

					Table 1						
			C	4 a a C 1	Table 1	T O Chia	· J. in Coi	.,			
			Concentr		BTEX, TP		ride in So	L			
					urne Oil (						
			NT		e Ranch S		026				
NM	OCD Closure (		1N.	10 10	ef. #: nAP			1.000	NI/A	2,500	20,000
	D Reclamation			10	50	N/A N/A	N/A N/A	1,000 N/A	N/A N/A	100	20,000
MMOC	<b>В кесташанов</b>	Stanuare			50 6 8021B	N/A		N/A 846 8015M		100	4500 Cl
		ъ .		5 W 840	0 8021B			GRO +			4500 CI
Sample ID	Date	Depth (Feet)	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)	DRO C <sub>6</sub> -C <sub>28</sub>	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 212 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	(mg/kg) <20.0	<10.0	<30.0	5,920
FL 213 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,000
FL 214 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,520
FL 215 @ 4'	8/16/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,840
NW 1	8/7/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
NW 2	8/7/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NW 3	8/7/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW 4	8/7/2024	0-5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW 5	8/7/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
NW 6	8/7/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
NW 7	8/14/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
NW 7	8/16/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
NW 8	8/16/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
NW 9	8/16/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	144
EW 1	8/7/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
EW 2	8/7/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	48.0
EW 2	8/8/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	112
SW 1	8/7/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	96.0
SW 2	8/7/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW 3	8/7/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	144
SW 4	8/7/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
SW 5	8/9/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW 6	8/14/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	< 30.0	48.0
SW 7	8/14/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
SW 8	8/14/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW 9	8/16/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
WW 1	8/16/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
WW 2	8/16/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0

Backfill Sample

< 0.300

<10.0

<10.0

<20.0

<10.0

< 30.0

144

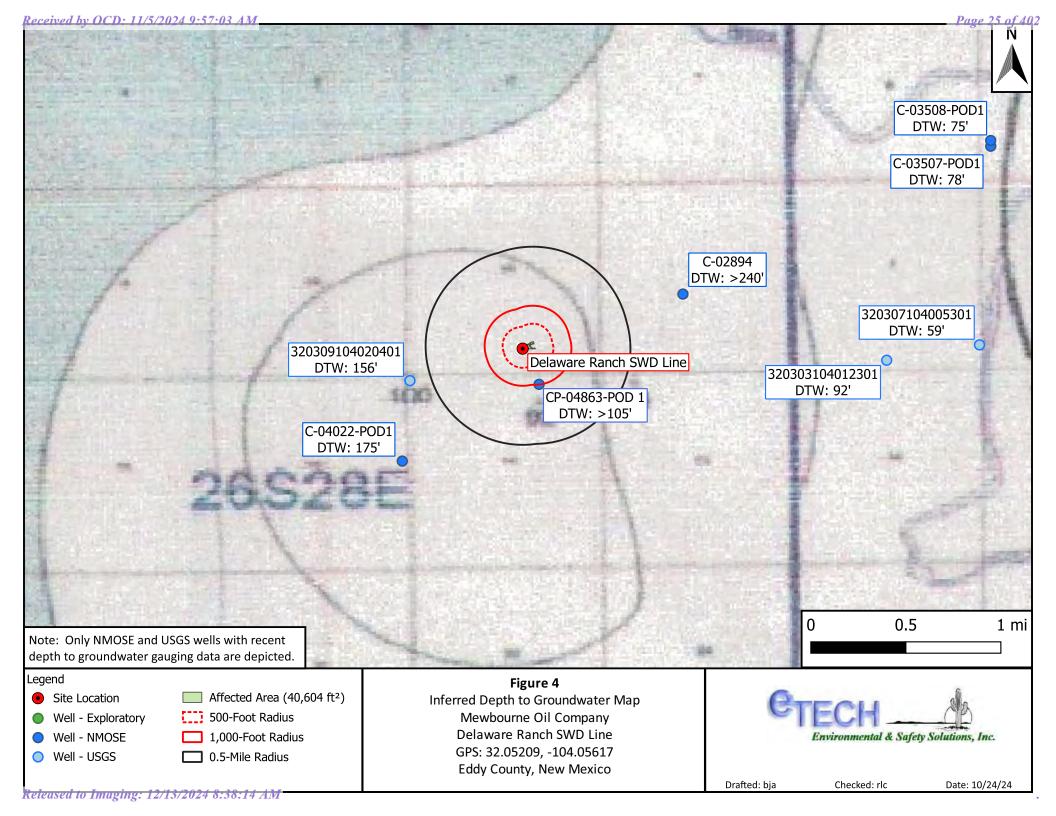
Delaware Ranch Pit Sample  $8/2\overline{3/2024}$ 

N/A

Backfill

< 0.050

# Appendix A Depth to Groundwater Information





## New Mexico Office of the State Engineer

# Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters)

(In feet)

POD Number Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Мар	Distance	Well Depth	Depth Water	Water Column
<u>C 02160 S</u>	CUB	ED	NW	NW	NE	14	26S	28E	589043.0	3546244.0 *		359	300	120	180
<u>C 02160 S2</u>	CUB	ED	NW	NW	NE	14	26S	28E	589043.0	3546244.0 *		359	300	120	180
C 02160 S3	CUB	ED	NE	NE	NW	14	26S	28E	588834.0	3546241.0 *	•	446	300	120	180
<u>C 02160 S4</u>	CUB	ED	NE	NE	NW	14	26S	28E	588834.0	3546241.0 *		446	300	120	180
<u>C 02160</u>	CUB	ED	SE	NW	NE	14	26S	28E	589243.0	3546044.0 *		572	300	120	180

Average Depth to Water: 120 feet

Minimum Depth: 120 feet

Maximum Depth: 120 feet

**Record Count:** 5

<u>UTM Filters (in meters):</u>

**Easting:** 589101.12 **Northing:** 3546598.98

Radius: 805

\* UTM location was derived from PLSS - see Help

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

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
	C 02160 S	NW	NW	NE	14	26S	28E	589043.0	3546244.0 *	

\* UTM location was derived from PLSS - see Help

Driller License: Driller Company:

**Driller Name:** HEMLER

**Drill Start Date: Drill Finish Date:** 1960-01-01 **Plug Date:** 

Log File Date: PCW Rcv Date: Source: Shallow

Pump Type: Pipe Discharge Size: Estimated Yield:

Casing Size: Depth Well: 300 Depth Water: 120

### **Meter Information**

MCC **Meter Number:** 3534 **Meter Make: Meter Serial Number: Meter Multiplier:** 1.0000 06-04-12150 **Number of Dials:** 2 **Meter Type:** Diversion **Unit of Measure:** Acre-Feet **Reading Frequency:** Monthly (No Reading Expected)

## **Meter Readings (in Acre-Feet)**

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2000-09-25	2000	14.464	А	ms		0.000	
2000-10-19	2000	14.987	А	mb		0.523	
2001-01-05	2000	17.244	А	ms		2.257	
2001-04-26	2001	30.952	А	ms		13.708	
2001-07-20	2001	45.445	А	ms		14.493	
2003-04-01	2002	45.445	А	RPT		0.000	
2003-06-03	2003	77.291	А	ms		31.846	
2003-10-29	2003	79.857	А	TW		2.566	
2004-01-06	2003	81.891	А	ab		2.034	

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2004-04-28	2004	88.541	Α	TW		6.650	
2004-07-14	2004	97.386	А	TW		8.845	
2004-10-20	2004	8.790	R	TW	Meter Rollover	11.404	
2005-01-03	2004	23.957	Α	TW		15.167	
2005-03-30	2005	29.388	А	JW		5.431	
2005-07-06	2005	32.735	А	JW		3.347	
2005-10-18	2005	32.735	А	TW		0.000	
2006-01-05	2005	32.735	А	TW		0.000	
2006-04-05	2006	39.335	Α	tw		6.600	
2006-07-06	2006	45.888	А	tw		6.553	
2006-07-06	2006	52.441	А	tw		6.553	
2007-01-04	2006	52.441	Α	tw		0.000	
2007-04-27	2007	55.999	Α	tw		3.558	
2007-07-03	2007	59.557	Α	tw		3.558	
2007-10-14	2007	63.676	А	tw		4.119	
2008-01-02	2007	68.170	А	tw		4.494	
2008-01-03	2008	0.000	А	tw		0.000	
2008-04-15	2008	7.717	А	tw		7.717	
2008-07-16	2008	16.985	А	tw		9.268	
2008-10-02	2008	24.336	Α	tw		7.351	
2009-01-14	2008	36.933	А	tw		12.597	
2009-04-15	2009	50.011	А	tw		13.078	
2009-06-07	2009	55.965	Α	tw		5.954	
2010-01-06	2009	79.931	Α	tw		23.966	
2010-05-13	2010	11.205	R	tw	Meter Rollover	31.274	
2010-12-28	2010	8.684	R	tw	Meter Rollover	97.479	
2011-09-20	2011	38.548	Α	tw		29.864	
2012-01-04	2011	64.506	Α	tw		25.958	
2012-03-12	2012	65.230	Α	tw		0.724	

## **YTD Meter Amounts:**

Year	Amount
2000	2.780
2001	28.201
2002	0.000
2003	36.446
2004	42.066
2005	8.778
2006	19.706
2007	15.729
2008	36.933
2009	42.998
2010	128.753
2011	55.822
2012	0.724

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10/25/24 1:59 PM MST Point of Diversion Summary

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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
	C 02160 S2	NW	NW	NE	14	26S	28E	589043.0	3546244.0 *	

\* UTM location was derived from PLSS - see Help

Driller License:	<b>Driller Company:</b>			
Driller Name:	HEMLER			
<b>Drill Start Date:</b>	<b>Drill Finish Date:</b>	1960-03-01	Plug Date:	
Log File Date:	PCW Rcv Date:		Source:	Shallow
Pump Type:	Pipe Discharge Size:		Estimated Yield:	
Casing Size:	Depth Well:	300	Depth Water:	120

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

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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
	C 02160 S3	NE	NE	NW	14	26S	28E	588834.0	3546241.0 *	

\* UTM location was derived from PLSS - see Help

Driller License:	<b>Driller Company:</b>			
Driller Name:	HEMLER			
<b>Drill Start Date:</b>	<b>Drill Finish Date:</b>	1960-05-01	Plug Date:	
Log File Date:	PCW Rcv Date:		Source:	Shallow
Pump Type:	Pipe Discharge Size:		Estimated Yield:	
Casing Size:	Depth Well:	300	Depth Water:	120

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

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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
	C 02160 S4	NE	NE	NW	14	26S	28E	588834.0	3546241.0 *	

\* UTM location was derived from PLSS - see Help

Driller License:	Driller Company:			
Driller Name:	HEMLER			
<b>Drill Start Date:</b>	Drill Finish Date:	1960-07-01	Plug Date:	
Log File Date:	PCW Rcv Date:		Source:	Shallow
Pump Type:	Pipe Discharge Size:		Estimated Yield:	
Casing Size:	Depth Well:	300	Depth Water:	120

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

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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	Y	Мар
	C 02160	SE	NW	NE	14	26S	28E	589243.0	3546044.0 *	

\* UTM location was derived from PLSS - see Help

Driller License:	<b>Driller Company:</b>			
Driller Name:	HEMLER			
<b>Drill Start Date:</b>	Drill Finish Date:	1959-12-01	Plug Date:	
Log File Date:	PCW Rcv Date:		Source:	Shallow
Pump Type:	Pipe Discharge Size:		Estimated Yield:	
Casing Size:	Depth Well:	300	Depth Water:	120

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

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	ose pod no (WE Pod-1	DL NO.)			WELL TAG ID NO			OSE FILE NO(S CP-04863				
	WELL OWNER NAME(S) Mewbourne Oil Co.						PHONE (OPTIONAL)					
	WELL OWNER MAILING ADDRESS 4801 Business Park Blvd.							CITY Hobbs		STATE	88241	ZIP
-	WELL LOCATION	LATI	ITUDE	GREES 32	MINUTES 02	SECONI 57.6	7 N		REQUIRED: ONE TENTI	I OF A S	SECOND	
	(FROM GPS)		GITUDE	104	03	17.0	22Y					
1	DESCRIPTION R NWNE S-14 T		G WELL LOCATION TO S 28E	STREET ADD	RESS AND COMM	ON LANDMA	RKS – PLS	SS (SECTION, TO	WNSHJIP, RANGE) WHE	RE AVA	ILABLE	
T	LICENSE NO.	2	NAME OF LICENSED D	DRILLER	James Hawley	y			NAME OF WELL DRIL H&R		OMPANY rises, LLC	
-	DRILLING STAR 9/3/24	TED	DRILLING ENDED 9/3/24	DEPTH OF CO	OMPLETED WELL	(FT)	BORE HO	LE DEPTH (FT)	DEPTH WATER FIRST	/A Dry		
-	COMPLETED WI	ELL IS:	ARTESIAN *add	V DRY HO		LOW (UNCO	NFINED)		WATER LEVEL PLETED WELL N/A		DATE STATIC	
+	DRILLING FLUII	):	AIR	MUD	ADDI	TIVES - SPEC	OFY:	10.17				
DRILLING FLUID:									PITLESS ADAI	PTER IS		
F	DEPTH (feet bgl)  FROM TO DIAM		(include each casing string, and		CON	ASING INECTION TYPE	CASING INSIDE DIAM. (inches)	TH	ING WALL ICKNESS (inches)	SLO SIZI (inche		
-			(inches)		e sections of screen	creen) (add coupling diameter)		1,500				
+												
			1									
-		_										
-												
	DEPTH (fe	et bgl)	BORE HOLE	LIST AN	NULAR SEAL MA RANG	TERIAL AN		EL PACK SIZE-	AMOUNT		METHO	
	FROM	то	DIAM. (inches)	*(if using Centralizers for Artesian wells- indicate the spacing below			he spacing below	(cubic feet)		PLACE	MENT	
					1771110	- and iver						
- WW												
S. ANNOLAN MATERIAL												
3.6												
OR	OSE INTERN	AL USI	E						-20 WELL RECORD	& LOC	G (Version 09/	22/2022
	E NO.				POD	NO.		TR	N NO.		PAG	

WELL TAG ID NO.

LOCATION

L	DEPTH (f	eet bgl)	THICKNESS		TYPE OF MATERIAL ENCO			TER RING?	ESTIMATED YIELD FOR
	FROM	ТО	(feet)		R-BEARING CAVITIES OR F. Elemental sheets to fully descr		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	/ NO)	WATER- BEARING ZONES (gpm)
1	0	5	5		white caliche		Y	✓ N	
r	5	20	15		tan silt and clay		Y	✓ N	
r	20	30	10		light yellow silty sand		Y	✓ N	
1	30	35	55		light gray silt		Y	✓ N	
T	40	55	15		light yellow tan clay and silt		Y	✓ N	
t	55	105	50		light red clay and silt		Y	✓ N	
r							Y	N	
r							Y	N	
t							Y	N	
t							Y	N	
H							Y	N	
1							Y	N	
1							Y	N	
r							Y	N	
t							Y	N	
t							Y	N	
t		7					Y	N	
t							Y	N	
t							Y	N	
t							Y	N	
-							Y	N	
-	METHOD I		ESTIMATE YIELI	OF WATER-BEARING	G STRATA: THER - SPECIFY: N/A		TOTAL EST		
	WELL TES	STA	RT TIME, END T	Vell was drilled on 9/3	TA COLLECTED DURING WHOWING DISCHARGE AND 1/24, no water was encounted was pulled and well was p	red, well was gauge	d with a we	ll sounde	r on 9/6/24, no
	PRINT NA Nathan Sm		DRILL RIG SUPE	ERVISOR(S) THAT PRO	VIDED ONSITE SUPERVISI	ON OF WELL CONS	TRUCTION	OTHER T	THAN LICENSE
	CORRECT	RECORD	OF THE ABOVE	DESCRIBED HOLE AN 30 DAYS AFTER COM	BEST OF HIS OR HER KNOW ND THAT HE OR SHE WILL IPLETION OF WELL DRILLI ames Hawley	FILE THIS WELL RI	ECORD WIT	REGOING TH THE ST	IS A TRUE AN TATE ENGINE
		SIGNA	TURE OF DRILL	R / PRINT SIGNEE	NAME			DATE	
OI	R OSE INTE	RNAL USF			7	WR-20 WEL	L RECORD	& LOG (\	Version 09/22/20
	ENO.	COL			POD NO.	TRN NO.			
IL									PAGE 2 O



# PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

State F	Engineer Well Number: CP	-04663 P00-1	550000	
Well	owner: Mewbourne Oil Co.		Phone No	o.:
Mailin	ng address: 4801 Business	Park Blvd.	25.2	00044
City:	Hobbs	State:	NM	Zip code: 88241
1)		mpany that plugged well: H&F	R Enterprises, LLC.	Expiration Date: 6/25
2) 3)		a Dicense i i i i		ervisor(s):
4)	Date well plugging bega	n: <u>9/6/24</u>	Date well plugging con-	cluded: 9/6/24
5)	GPS Well Location:		eg,02min, eg,03min,	57.67 sec 17.03 sec, WGS 84
6)	Depth of well confirmed by the following manne	at initiation of plugging as: _ well sounder	105 ft below ground	d level (bgl),
7)		ared at initiation of plugging:	Dry ft bgl	8/7/24
8)	Date well plugging plan	of operations was approved by	the State Engineer:	0/1/24
9)	Were all plugging activ differences between the	ities consistent with an approve approved plugging plan and the	ed plugging plan?	yes If not, please describe (attach additional pages as needed):

Version: September 8, 2009

Page 1 of 2

Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with 10) horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

### For each interval plugged, describe within the following columns:

(include any additives used)	Material Placed (gallons)	of Borehole/ Casing (gallons)	Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
0-10' Hydrated bentonite chips	15	15	pour	
10'-105' drill cuttings	139	139	pour	
-				
]				
	chips	chips	chips 10'-105' drill cuttings 139 139  MULTIPLY BY AND OBTAIN	thips  10'-105' drill cuttings  139  139  pour

### III. SIGNATURE:

I, James Hawley	, say that I am familiar with the rules	of the Office of the State
Engineer pertaining to the plugging of we are true to the best of my knowledge and b	Ils and that each and all of the statements in this Plugg elief.	ing Record and attachments
	Colour	9/9/24
	Signature of Well Driller	Date

Version: September 8, 2009 Page 2 of 2 0

Click forNews Bulletins

Groundwater levels for the Nation

■ Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs

site\_no list =

• 320309104020401

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

#### USGS 320309104020401 26S.28E.14.11111

Eddy County, New Mexico
Latitude 32°02'59.0", Longitude 104°03'58.7" NAD83
Land-surface elevation 2,972.00 feet above NGVD29
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Rustler Formation (312RSLR) local aquifer.

#### **Output formats**

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

Date \$	Time \$	? Water-level \$ date-time accuracy	? Parameter ≎ code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical \$\datum\$	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level \$ approval status
			7								
1978-01-13		D	72019	122.34			1	Z			А
1983-01-25		D	72019	127.38			1	Z			А
1987-10-14		D	72019	106.40			1	Z			Α
1993-01-05		D	72019	100.42			1	S			А
1998-01-22		D	72019	96.55			1	S			А
2003-01-27		D	72019	97.02			1	S	USGS	S	А
2013-01-09	20:30 UTC	m	72019	139.12			1	S	USGS	S	Α
2021-02-24	20:05 UTC	m	72019	155.92			1	V	USGS	S	А

#### Explanation

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

**Questions or Comments** Help Data Tips Explanation of terms
Subscribe for system changes

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

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

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2024-10-25 16:03:38 EDT

0.34 0.24 nadww01

USA.gov

# Appendix B Field Data







Date:

## Sample Log

0	- Û
ETECH	2015
LECH	
Environmental	& Safety Solutions, Inc.

Project: Delaware Ranch B1bo Flow Line

Project Number: 20882 Latitude: 32.052213 Longitude: -104.055798

Sample ID	PID/Odor	Chloride Conc.	GPS
WI - 4.		768	
FL 102 - 7.0	)	1.800	
202 - 5.	> -	896	
L 3@ 2 2.	0	196	
5W1 Z-	2	724	
	2 —	968	
24 @ 2 5.0		1800	
250 - 5.4	-	1,040	
160 - 4.2		652	
W1 2.0		196	
2103: 2.6		292	
1203 7.4		256	
14e3 - 50		896	
1503 - 5.4		1,040	
1603 - 5.4		1,040	
7703 - 54		1,046	
803 - 60		1284	
903 - 7.4		2.072	
1003 - 8.0		2580	
1404 6.0		1756	
1504 5.8		1,768	
1604 4,6		744	
704 6.8		1652	
-804 6.4		1 440	
984 3.6		472	
1004 3.2		384	
1164 48		804	
1204 6.0		1156	
1304 6.0		(256	
11484 6.0		1 296	
16011 110		572	
1604 59		1/68	
1704 6.6		1168	
rw2 3.4		428	
5 n 2 3 0		348	

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







Project: Delivere	A Lovery	ow live	Date:	
Project Number:		Latitude:	Longitude:	

Sample	e ID	PID/Odor	Chloride Conc.	GPS
EWZ	3.8	-	520	
5w3	5.0		872	
SW3	6-4		1440	
543	36			
FL1884 =	- 52			
FLIGEY	4.8			
F12004	6.8			
FC2/C4	4.8			
F17264	5.0			
NW3	3.8	4		
Myst	3.6	_		
FZ Z304	5.6			
12404 HS	56			
fl25e4 Hs				
17664	8.0			
RZZEU	6.4			
NW5	3.8			
NWB	3 6			
Sw4	6.0		1,268	
Sw 4	7.4		2036	
Sw 4	3.4		428	
Fl-28 Q4'			1356	
FL-2964			(8624	
FL-30 Q4			5924	
FL-31 Q4			sin2	
FL-32 @4'			624	1=
FL-33 @4			1012	
FL-34 @ 4			12,680	
A-35 Q4			11,632	
FL-36 Q 4			2594	
FL-37 Q4			2544	
FL-29 @ 5'			19692	
FZ-29@6'			10692	
FL-29@7'			9084 872 624	
FL-34 05			872	
FL-350 G'			624	

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:	
Project:			
Project Number:	Latitude:	Longitude:	

Sample ID	PID/Odor	Chloride Conc.	GPS
TT-1 @1'	_	13,864	
17-1 62'	1	11,632	
TT-163'	-	11,632	
17-164	-	9852	
17-201	~	15216	
TT-202	-	12,680	
77-2031	-	15,216	
TT-204'	-	12.680	
77-301		3/68	
77-302		7,164	
77-3@3		10,692	
77304		9084	
FL- 38 64'	100	940	
FL-39 @41		3036	
A-40@41		พ่อร	
FC-41041	-	9028	
11-4264	-	3188	*
7-43 64'		1012	
4-4404		9028	
9-4504		9028	
4-46@4		9028	
7-4764		2594	
F1-48@4'	-	520	
4-49 041		520	
1-50041		1,168	
9-5104		9,792	
FL-5304		13840	
1 304	-	1,3 040	
Fl - S404'		1/68	
7-52 @ 5'		5,220	
7-53 05'	-	76,97	
EL-\$5 @q' EL-56 @q'	4	5,220 76,97 18,28 9,28 9,193 9,193	
4-56 @ 4'	*	9028	
F1-57 @ 4		ବ୍ୟବର	
FL- 58 @ 4'		9)192	
FL-59@4	-	472	

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:	
Project:			
Project Number:	Latitude:	Longitude:	

Sample ID	PID/Odor	Chloride Conc.	GPS
FL-60 @4	-	520	
Ew-2	-	394	
Fl-61@3'	-	384	
FL - 62 6 3'		-20	
FL-63 @ 41		19/2	
FL - 64 @ 4'	-	SAC	
FL 65 64'		472	
Fl. 66 64'	-	7,696	
A-67 Q4'		10,640	
FL-65 @ 4'		10,640	
11-69 64'	H	6042	
Fl- 67 0 5'	-	6640	
FL-69 05	+	9028	
Fl-70@4'	-	308	
12-7164	*	6584	
F-7204'	~	7,696	
R-73.04'	+	9,792	
Fl-7404		1544	
FL- 75@4	<u></u>	38/6	
FL-7604	-	1544	
FL-77@4'	-	1012	
FL-78@4'		624	
FL-79 @41	-	313	
FL -90 @ 41	-	P54	
11-9 64	-	7.696	
A-064'		9514	
A-83 Q4'		1256	
A-84 @4'		2544	
Fl- 85 @4"	-	JS94	
Fl-96 @4'	-	1256	
F/- 8) E4'		4328	
Fl- 88 041		248	
R-9 Q4'	-	પુર્વ હે ફ	
R-90 64	_	32-14	
Fl- 91 @ 41		4469	
FL-9264'	ė	44(8	

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



Project:		**************************************	
Project Number:	Latitude:	Longitude:	

Sample ID	PID/Odor	Chloride Conc.	GPS
F1-93 64	-	9792	
FL-94 Q 4'	-	6584	
F1-95 @ 4'	-	II SI	
FL-9604'		48112	
F1-47 04'		1344	
F1-98 64'	-	1012	
F1-99@4	-	348	
F1-100 64'		(350	
Fl-101 @ 4'	-	<u> </u>	
Sw 5	-	0,036	
SW-5	-	2158	
Sw-5	-	2544	
SW-S	-	308	
FL-102 @4'	8	8388	
TT-401'	-	13840	
17-462'	-	6092	
TT-4031	-	744	
17-501'	-	2332	
TT-5621		9028	
77-563'		9078	
77-661	-	9,792	
77-6€2'		10,640	1 =
77-663'	-	10,610	
FC-10304	-	872	
F1-104 Q4'	_	1088	
F1-105 @ 4	_	2514	
F1-106 G		3740	
1-1076		244	
FL-108 64	,~I	1168	
F1-109 @ 11'		15,212	
FL-110 @ 41		10640 2992	
FI-111 @ 41		8,992	
F1-11204	110	699) 9638	
FL-113 & 4'	>	9638	
Fl-114 6 41	060	272	

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







Environmental & Safety Solutions, Inc.		Date:	
Project:			
Project Number:	Latitude:	Longitude:	

Sample ID	PID/Odor	Chloride Conc.	GPS
F1-109 Q 5'	-	9,384	
51-110 65	-	9028	
FL-115 @41	-	16-52	
F1-116 04'	-	7064	
FL-117 QY'	=	9884	
1-118 64'	-	4.884	
4-11964		940	
7-120 64	-	9884	
11-121 64'	-	4672	
F1-122 Q41	Jan.	1652	
FL-123 Q4		276	
Fl-124 @ 4	~	9344	
11-12504	-	1314	
F1-126 1341	-	7544	
FL-127 B4'		216	
FL-128 @ 4'	-	216	
FL-129 BY		1013	
fl-130 04	-	520	
FL 131 041	, <del>-</del>	9,844	
FL-13204	-	2,938	
PL-133 6041		1012	
11-13484'	-	7,064	
Fl-135 64'	-	3,740	
F1-13664'	-	9064	
E1-139@4'	_	8'72	
F1-138 @41	-	4284	
FC-139 @4'	-	9884	
SW-6	-	572	
NW-test		428	
Fl-140 @ 4'	-	1/68	
11-141 64	-	Iol	
NW-7		872	
NW-7	-	384	
NW-test	-	384	
FL-142Q4'	~	1256	
F1-143 Q4'	_	940	

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









Environmental & Safety Solutions, Inc.	Date:		
Project:			
Project Number:	Latitude:	Longitude:	

Sample ID	PID/Odor	Chloride Conc.	GPS
FL-144041	21	6016	
F1-145 84'	-	572	
F1-146 674'	-	2549	
F1-147 D4'	-	1064	
F1-148 @ 4'	~	9881	
1-149 @4		6016	
7-150@4'	_	1.168	
9 151 04	-	5556	
12-15204		7,064	/
F1-153 @41	-	S.E.S.	
FL-154 @ 4'	-	9884	
F1-155 @4'	-	9064	
FL-156 E 4'	~	7,932	
FL-157 64'	-	1896	
FL-158@4'	-	1896	
Fl-159 @4		25/4	
Fl-160 @ 4'	21	940	
F1-161 @4'	=	7,752	
F1-162 Q4'	-	4824	
9-16304		7,164	
F1-16464		7.164	
11-165@4		3/68	
FL-166 @4"	-	9852	H H
Fl-167 By	_	1.086	
F1-168 E4'	-	2640	
81-169 @4"	-	9584	
56-8 #	-	512	
FL-170 @) 4'	*	9069	
FL-171 B 4'	-	8739	
FL-172 041	-	9064	
F2-173 @ 4'		572	
F1-174 @ 41	-	2,60	
FZ-175 04'	-	9884	
FC-176 Q4	-	986	
FL-177 84'	-	988 988 4672	
FL-178 04	-	7,064	

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







Environmental & Safety Solutions, Inc.		Date:	
Project:			
Project Number:	Latitude:	Longitude:	

Sample ID	PID/Odor	Chloride Conc.	GPS
FL 199 @ 4'		9884	
FL-180 & 4'		2332	
Fl-191 04'		9,064	
FL-187 Q4'		2688	
TT-16 Sort	-	19336	
17-162'	-	7,668	
TT-1 @ 4'	+	2468	
77-166'		/,344	
17-1081	+	2544	
77-1610'	-	5556	
77-1812		4384	
77-16 16'		9/36	
TT-1618'		2/88	
T7-1620	*	520	
77-2 @ SUF		13,000	
77-2 C 2'	14	9,884	
172 @ 4'	-	7,668	
77-266'	16	606	
77268'		2544	
17-2010	-	1012	
77-2612'	-	348	
FL-176 64'	2	7.168	
FL-175 04'	-	9884	
FL-183 @ 4'	~	9884	
FL-184 @ 4'	And the second	7669	
FL-185 @ 4'	)-j	9.884	0.00
FL-186 @ 4'	-	9.884	
Fl-18704'	-	7884	
F1-188 @4"	-	7087	
51-189 €41		9,884	
[1-190 @4'	-	4384	
F1-192 O4'		ko 16 6016	
FZ-192 041		6plb	
Fl-193 Py		4049	
Fl-194 @ 4'	-	7,064	
ft-195@41	-	9884	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

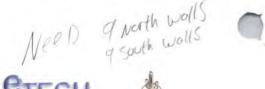
Soil Intended to be Deferred = SP #1 @ 4' In-Situ

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

Stockpile = Stockpile #1

**GPS Sample Points, Center of Comp Areas** 

Released to Imaging: 12/13/2024 8:38:14 AM



Project:

Project Number:



## Sample Log

Date.		
Longit	ude.	

Sample ID	PID/Odor	Chloride Conc.	GPS
51-196 Q4	-	7064	
7-197 69	-	9,889	
7.198 64	-	7,668	
7-199 84	-	646	
7 100 64	-	9844	
1-20164	= =	98411	
7-30) 64'	-	6124	
1-20364	14	6/24	
7-20164		9852	
7-705 84	1+0	6/24	
1-26 64		5(6)	
7-201 6,4		Sleo	
1-208 64'		6,124	
7-209 @4	-	Silo	
[1-210 64]		4696	
[-21104]	-	6/24	
F1-212 E,4'	-	6/24	
FL-213 @41	~	9084	
FL-214 641	-	9852	
F1-215041		4096	

Latitude:

Sample Point = SP #1 @ ## etc Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas

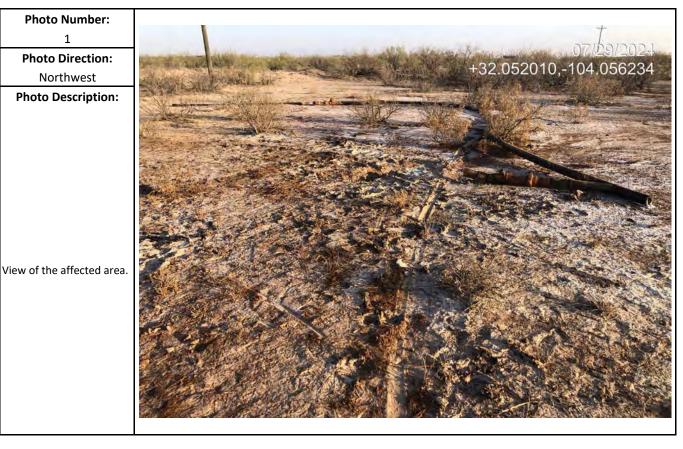
# Appendix C Photographic Log

**Photo Number:** 

1

**Photo Direction:** Northwest

**Photo Description:** 



**Photo Number:** 

**Photo Direction:** West-Northwest

**Photo Description:** 



Photo Number:

3

Photo Direction: North

**Photo Description:** 

View of the affected area.



**Photo Number:** 

4

Photo Direction: Northeast

Photo Description:



Photo Number:

5

Photo Direction:

North

**Photo Description:** 

View of the affected area.



Photo Number:

6

**Photo Direction:** 

East

**Photo Description:** 



Photo Number:

7

Photo Direction: Northeast

**Photo Description:** 

View of the affected area.



Photo Number:

8

**Photo Direction:** 

West-Southwest

**Photo Description:** 



Photo Number:

9

**Photo Direction:** 

Northeast

Photo Description:

View of the excavated area.



**Photo Number:** 

10

**Photo Direction:** 

East

**Photo Description:** 

View of the excavated area.



**Photo Number:** 

11

**Photo Direction:** East-Southeast

**Photo Description:** 

View of the excavated area.



**Photo Number:** 

12

**Photo Direction:** 

**East-Northeast** 

**Photo Description:** 

View of the excavated area.



**Photo Number:** 

13

**Photo Direction:** 

Northeast

**Photo Description:** 

View of the excavated area.



**Photo Number:** 

14

**Photo Direction:** 

West

**Photo Description:** 

View of the remediated area during backfilling showing the background thickness of topsoil.



**Photo Number:** 

15

**Photo Direction:** Southeast

**Photo Description:** 

View of the remediated area during backfilling showing the background thickness of topsoil.



**Photo Number:** 

16

**Photo Direction:** 

East-Northeast

**Photo Description:** 

View of the remediated area during backfilling showing the background thickness of topsoil.



**Photo Number:** 

17

Photo Direction: Northeast

**Photo Description:** 

View of the remediated area following backfilling and regrading.



Photo Number:

18

**Photo Direction:** 

East

**Photo Description:** 

View of the remediated area following backfilling and regrading.



Photo Number:

19

**Photo Direction:** East-Northeast

**Photo Description:** 

View of the remediated area following backfilling and regrading.



**Photo Number:** 

20

**Photo Direction:** 

Northwest

**Photo Description:** 

View of the remediated area following backfilling and regrading.



**Photo Number:** 

21

Photo Direction:

North

**Photo Description:** 

View of the remediated area following backfilling and regrading.



**Photo Number:** 

22

**Photo Direction:** 

Northeast

**Photo Description:** 

View of the remediated area following backfilling and regrading.



# Appendix D Laboratory Analytical Reports



August 13, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: DELAWARE RANCH B1BO FLOW LINE

Enclosed are the results of analyses for samples received by the laboratory on 08/07/24 14:45.

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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 1 @ 3' (H244762-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	1.99	99.4	2.00	4.97	
Toluene*	<0.050	0.050	08/08/2024	ND	1.95	97.6	2.00	4.15	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	5.91	98.5	6.00	2.46	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 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	32.0	16.0	08/09/2024	ND	480	120	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	08/08/2024	ND	213	106	200	0.563	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	220	110	200	0.673	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	71.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.3	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 2 @ 3' (H244762-02)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	1.99	99.4	2.00	4.97	
Toluene*	<0.050	0.050	08/08/2024	ND	1.95	97.6	2.00	4.15	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	5.91	98.5	6.00	2.46	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/09/2024	ND	480	120	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	08/08/2024	ND	213	106	200	0.563	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	220	110	200	0.673	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	78.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.9	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 3 @ 2' (H244762-03)

BTEX 8021B

	<u> </u>			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	1.99	99.4	2.00	4.97	
Toluene*	<0.050	0.050	08/08/2024	ND	1.95	97.6	2.00	4.15	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	5.91	98.5	6.00	2.46	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9 % 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	176	16.0	08/09/2024	ND	480	120	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	201	101	200	0.512	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	197	98.4	200	0.422	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	84.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.6	% 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

Analyzed By: 14

Fax To:

Received: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

ma/ka

#### Sample ID: FL 4 @ 4' (H244762-04)

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	08/08/2024	ND	1.99	99.4	2.00	4.97	
Toluene*	<0.050	0.050	08/08/2024	ND	1.95	97.6	2.00	4.15	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	5.91	98.5	6.00	2.46	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 % 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	448	16.0	08/09/2024	ND	480	120	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	08/08/2024	ND	201	101	200	0.512	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	197	98.4	200	0.422	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	71.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.7	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 5 @ 4' (H244762-05)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	1.99	99.4	2.00	4.97	
Toluene*	<0.050	0.050	08/08/2024	ND	1.95	97.6	2.00	4.15	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	5.91	98.5	6.00	2.46	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	08/09/2024	ND	480	120	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	08/08/2024	ND	201	101	200	0.512	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	197	98.4	200	0.422	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	75.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.7	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 6 @ 4' (H244762-06)

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	08/08/2024	ND	1.99	99.4	2.00	4.97	
Toluene*	<0.050	0.050	08/08/2024	ND	1.95	97.6	2.00	4.15	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	5.91	98.5	6.00	2.46	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0 % 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	832	16.0	08/09/2024	ND	480	120	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	08/08/2024	ND	201	101	200	0.512	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	197	98.4	200	0.422	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	71.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.2	% 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

Analyzed By: JH

Fax To:

Received: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 7 @ 4' (H244762-07)

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	08/08/2024	ND	1.99	99.4	2.00	4.97	
Toluene*	<0.050	0.050	08/08/2024	ND	1.95	97.6	2.00	4.15	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	5.91	98.5	6.00	2.46	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 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	848	16.0	08/09/2024	ND	480	120	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	201	101	200	0.512	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	197	98.4	200	0.422	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	65.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.2	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact

Project Number: 20882

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 8 @ 4' (H244762-08)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	1.99	99.4	2.00	4.97	
Toluene*	<0.050	0.050	08/08/2024	ND	1.95	97.6	2.00	4.15	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	5.91	98.5	6.00	2.46	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 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	1260	16.0	08/09/2024	ND	480	120	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	201	101	200	0.512	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	197	98.4	200	0.422	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	75.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.9	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 9 @ 4' (H244762-09)

BTEX 8021B

	9/	9	7	<u></u>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	1.99	99.4	2.00	4.97	
Toluene*	<0.050	0.050	08/08/2024	ND	1.95	97.6	2.00	4.15	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	5.91	98.5	6.00	2.46	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 % 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	08/09/2024	ND	480	120	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	08/08/2024	ND	201	101	200	0.512	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	197	98.4	200	0.422	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	78.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.8	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

### Sample ID: FL 10 @ 4' (H244762-10)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	1.99	99.4	2.00	4.97	
Toluene*	<0.050	0.050	08/08/2024	ND	1.95	97.6	2.00	4.15	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	5.91	98.5	6.00	2.46	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 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	32.0	16.0	08/09/2024	ND	480	120	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	201	101	200	0.512	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	197	98.4	200	0.422	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	80.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.5	% 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:

Analyzed By: JH

Received: 08/07/2024 Reported:

Sampling Date:

08/07/2024

Project Name:

08/13/2024

Sampling Type:

Soil Cool & Intact

Project Number:

DELAWARE RANCH B1BO FLOW LINE

Sampling Condition: Sample Received By:

Alyssa Parras

Project Location:

BTEX 8021B

20882

mg/kg

MEWBOURNE 32.052213-104.055798

Sample ID: FL 11 @ 4' (H244762-11)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	1.99	99.4	2.00	4.97	
Toluene*	<0.050	0.050	08/08/2024	ND	1.95	97.6	2.00	4.15	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	5.91	98.5	6.00	2.46	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 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	448	16.0	08/09/2024	ND	480	120	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	201	101	200	0.512	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	197	98.4	200	0.422	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	78.0	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

## Sample ID: FL 12 @ 4' (H244762-12)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	1.99	99.4	2.00	4.97	
Toluene*	<0.050	0.050	08/08/2024	ND	1.95	97.6	2.00	4.15	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	5.91	98.5	6.00	2.46	
Total BTEX	<0.300	0.300	08/08/2024	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	08/09/2024	ND	480	120	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	08/08/2024	ND	201	101	200	0.512	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	197	98.4	200	0.422	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	81.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.6	% 49.1-14	8						

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08/07/2024

Cool & Intact

Alyssa Parras

## Analytical Results For:

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

Received: 08/07/2024 Sampling Date:

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition:
Project Number: 20882 Sample Received By:

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 13 @ 4' (H244762-13)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	1.99	99.4	2.00	4.97	
Toluene*	<0.050	0.050	08/08/2024	ND	1.95	97.6	2.00	4.15	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	5.91	98.5	6.00	2.46	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	08/09/2024	ND	480	120	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	201	101	200	0.512	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	197	98.4	200	0.422	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	80.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.2	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.052213-104.055798

ma/ka

## Sample ID: FL 14 @ 4' (H244762-14)

RTFY 8021R

Result <0.050 <0.050 <0.050 <0.150 <0.300	Reporting Limit  0.050  0.050  0.050  0.150  0.300	Analyzed 08/08/2024 08/08/2024 08/08/2024 08/08/2024	Method Blank  ND  ND  ND  ND  ND	BS 2.17 2.30 2.38	% Recovery 108 115 119	True Value QC 2.00 2.00 2.00	3.13 2.75	Qualifier
<0.050 <0.050 <0.150	0.050 0.050 0.150	08/08/2024 08/08/2024	ND ND	2.30	115	2.00	2.75	
<0.050 <0.150	0.050 0.150	08/08/2024	ND					
<0.150	0.150			2.38	119	2 00	1.00	
		08/08/2024	ND			2.00	1.99	
<0.300	0.300			7.24	121	6.00	2.03	
		08/08/2024	ND					
112 9	% 71.5-13	4						
mg,	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
608	16.0	08/09/2024	ND	480	120	400	0.00	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	08/08/2024	ND	201	101	200	0.512	
<10.0	10.0	08/08/2024	ND	197	98.4	200	0.422	
<10.0	10.0	08/08/2024	ND					
75.9	% 48.2-13	4						
87.3	% 49.1-14	8						
	Result 608 mg/ Result <10.0 <10.0 <10.0	## 71.5-13    mg/kg     Result   Reporting Limit     608   16.0     mg/kg      Result   Reporting Limit     <10.0   10.0     <10.0   10.0     <10.0   10.0     <10.0   48.2-13	<0.300       0.300       08/08/2024         Result mg/kg       Reporting Limit Analyzed 08/09/2024         608       16.0       08/09/2024         mg/kg       Analyzed Analyzed 4.10.0       10.0       08/08/2024         <10.0       10.0       08/08/2024         <10.0       10.0       08/08/2024         <10.0       10.0       08/08/2024         <10.0       48.2-134       48.2-134	<0.300       08/08/2024       ND         112 %       71.5-134         mg/ky       Analyzed By: AC         Result Reporting Limit Analyzed By: MS         Result Reporting Limit Analyzed Method Blank         <10.0	<0.300       0.300       08/08/2024       ND         112 % 71.5-134         mg/ky       Analyzed By: AC         Result Reporting Limit Analyzed By: MS         Result Reporting Limit Analyzed Method Blank BS         <10.0	<0.300       08/08/2024       ND         112 % 71.5-134         mg/ky       Analyzed By: AC         Result Reporting Limit Analyzed By: MS       % Recovery         Result Reporting Limit Analyzed Method Blank BS % Recovery         <10.0	< 0.300       08/08/2024       ND         112 % 71.5-134         mg/ky       Analyzed By: AC         Result Reporting Limit Analyzed ND 480 120 400         mg/ky       Analyzed By: MS         Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC         <10.0	<0.300       08/08/2024       ND         112 ⅓       71.5-134         mg/kg       Analyzed By: AC         Result       Reporting Limit       Analyzed       Method Blank       BS       % Recovery       True Value QC       RPD         Result       Reporting Limit       Analyzed       Method Blank       BS       % Recovery       True Value QC       RPD         <10.0

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Celey D. Keene



08/07/2024

Alyssa Parras

## Analytical Results For:

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

Received: 08/07/2024

08/13/2024 Sampling Type: Soil
DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact

Sampling Date:

Sample Received By:

Project Number: 20882

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 15 @ 4' (H244762-15)

Reported:

Project Name:

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	2.17	108	2.00	3.13	
Toluene*	<0.050	0.050	08/08/2024	ND	2.30	115	2.00	2.75	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.38	119	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.24	121	6.00	2.03	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 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	192	16.0	08/09/2024	ND	480	120	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	201	101	200	0.512	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	197	98.4	200	0.422	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	78.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.9	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

## Sample ID: FL 16 @ 4' (H244762-16)

BTEX 8021B

DIEX GOZID	1119/	- Kg	Allulyzo	.u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	2.17	108	2.00	3.13	
Toluene*	<0.050	0.050	08/08/2024	ND	2.30	115	2.00	2.75	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.38	119	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.24	121	6.00	2.03	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 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	640	16.0	08/09/2024	ND	480	120	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	201	101	200	0.512	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	197	98.4	200	0.422	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	77.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.7	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

### Sample ID: FL 17 @ 4' (H244762-17)

BTEX 8021B

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	08/08/2024	ND	2.17	108	2.00	3.13	
Toluene*	<0.050	0.050	08/08/2024	ND	2.30	115	2.00	2.75	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.38	119	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.24	121	6.00	2.03	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 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	640	16.0	08/09/2024	ND	480	120	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	201	101	200	0.512	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	197	98.4	200	0.422	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	77.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.8	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

### Sample ID: FL 18 @ 4' (H244762-18)

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	08/08/2024	ND	2.17	108	2.00	3.13	
Toluene*	<0.050	0.050	08/08/2024	ND	2.30	115	2.00	2.75	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.38	119	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.24	121	6.00	2.03	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/09/2024	ND	480	120	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	201	101	200	0.512	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	197	98.4	200	0.422	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	74.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.3	% 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: 08/07/2024 Reported: 08/13/2024

Project Name: DELAWARE RANCH B1BO FLOW LINE

Project Number: 20882

Project Location: MEWBOURNE 32.052213-104.055798 Sampling Date: 08/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

## Sample ID: FL 19 @ 4' (H244762-19)

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	08/08/2024	ND	2.17	108	2.00	3.13	
Toluene*	<0.050	0.050	08/08/2024	ND	2.30	115	2.00	2.75	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.38	119	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.24	121	6.00	2.03	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	08/09/2024	ND	480	120	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	201	101	200	0.512	
DRO >C10-C28*	13.7	10.0	08/08/2024	ND	197	98.4	200	0.422	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	74.7	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

## Sample ID: FL 20 @ 4' (H244762-20)

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	08/08/2024	ND	2.17	108	2.00	3.13	
Toluene*	<0.050	0.050	08/08/2024	ND	2.30	115	2.00	2.75	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.38	119	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.24	121	6.00	2.03	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	08/09/2024	ND	480	120	400	0.00	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	201	101	200	0.512	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	197	98.4	200	0.422	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	75.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.4	% 49.1-14	8						

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Celeg & Freene



Alyssa Parras

Sample Received By:

## Analytical Results For:

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

Received: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil
Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact

Project Number: 20882

Project Location: MEWBOURNE 32.052213-104.055798

### Sample ID: FL 21 @ 4' (H244762-21)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	2.17	108	2.00	3.13	
Toluene*	<0.050	0.050	08/08/2024	ND	2.30	115	2.00	2.75	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.38	119	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.24	121	6.00	2.03	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 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	192	16.0	08/09/2024	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	08/08/2024	ND	201	101	200	0.512	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	197	98.4	200	0.422	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	82.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.7	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

## Sample ID: FL 22 @ 4' (H244762-22)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	2.17	108	2.00	3.13	
Toluene*	<0.050	0.050	08/08/2024	ND	2.30	115	2.00	2.75	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.38	119	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.24	121	6.00	2.03	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	08/09/2024	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	08/08/2024	ND	201	101	200	0.512	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	197	98.4	200	0.422	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	83.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.0	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

## Sample ID: FL 23 @ 4' (H244762-23)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	2.17	108	2.00	3.13	
Toluene*	<0.050	0.050	08/08/2024	ND	2.30	115	2.00	2.75	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.38	119	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.24	121	6.00	2.03	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	08/09/2024	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	08/08/2024	ND	197	98.6	200	0.547	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	188	94.1	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	55.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	52.6	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

## Sample ID: FL 24 @ 4' (H244762-24)

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	08/08/2024	ND	2.17	108	2.00	3.13	
Toluene*	<0.050	0.050	08/08/2024	ND	2.30	115	2.00	2.75	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.38	119	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.24	121	6.00	2.03	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4200	16.0	08/09/2024	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	08/08/2024	ND	197	98.6	200	0.547	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	188	94.1	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	61.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	60.1	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

## Sample ID: FL 25 @ 4' (H244762-25)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	2.17	108	2.00	3.13	
Toluene*	<0.050	0.050	08/08/2024	ND	2.30	115	2.00	2.75	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.38	119	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.24	121	6.00	2.03	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 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	4400	16.0	08/09/2024	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	08/08/2024	ND	197	98.6	200	0.547	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	188	94.1	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	59.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	57.8	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

### Sample ID: FL 26 @ 4' (H244762-26)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	2.17	108	2.00	3.13	
Toluene*	<0.050	0.050	08/08/2024	ND	2.30	115	2.00	2.75	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.38	119	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.24	121	6.00	2.03	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 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	2640	16.0	08/09/2024	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	08/08/2024	ND	197	98.6	200	0.547	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	188	94.1	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	63.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	59.4	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

## Sample ID: FL 27 @ 4' (H244762-27)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	2.17	108	2.00	3.13	
Toluene*	<0.050	0.050	08/08/2024	ND	2.30	115	2.00	2.75	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.38	119	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.24	121	6.00	2.03	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	08/09/2024	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	08/08/2024	ND	197	98.6	200	0.547	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	188	94.1	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	62.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	58.8	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 28 @ 4' (H244762-28)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	2.17	108	2.00	3.13	
Toluene*	<0.050	0.050	08/08/2024	ND	2.30	115	2.00	2.75	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.38	119	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.24	121	6.00	2.03	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 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	672	16.0	08/09/2024	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	08/08/2024	ND	197	98.6	200	0.547	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	188	94.1	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	69.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.0	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

## Sample ID: FL 29 @ 7' (H244762-29)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	2.17	108	2.00	3.13	
Toluene*	<0.050	0.050	08/08/2024	ND	2.30	115	2.00	2.75	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.38	119	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.24	121	6.00	2.03	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9920	16.0	08/09/2024	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	08/08/2024	ND	197	98.6	200	0.547	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	188	94.1	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	65.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	61.6	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

### Sample ID: FL 30 @ 4' (H244762-30)

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	08/08/2024	ND	2.17	108	2.00	3.13	
Toluene*	<0.050	0.050	08/08/2024	ND	2.30	115	2.00	2.75	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.38	119	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.24	121	6.00	2.03	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3560	16.0	08/09/2024	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	08/08/2024	ND	197	98.6	200	0.547	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	188	94.1	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	63.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	58.5	% 49.1-14	8						

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Celeg & Freene



## Analytical Results For:

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

Fax To:

Received: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

### Sample ID: FL 31 @ 4' (H244762-31)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	2.17	108	2.00	3.13	
Toluene*	<0.050	0.050	08/08/2024	ND	2.30	115	2.00	2.75	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.38	119	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.24	121	6.00	2.03	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 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	256	16.0	08/09/2024	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	08/08/2024	ND	197	98.6	200	0.547	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	188	94.1	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	67.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	60.1	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

## Sample ID: FL 32 @ 4' (H244762-32)

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	08/08/2024	ND	2.17	108	2.00	3.13	
Toluene*	<0.050	0.050	08/08/2024	ND	2.30	115	2.00	2.75	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.38	119	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.24	121	6.00	2.03	
Total BTEX	<0.300	0.300	08/08/2024	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	688	16.0	08/09/2024	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	08/08/2024	ND	197	98.6	200	0.547	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	188	94.1	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	56.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	49.2	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

## Sample ID: FL 33 @ 4' (H244762-33)

BTEX 8021B

DILX OUZID	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	08/08/2024	ND	2.17	108	2.00	3.13	
Toluene*	<0.050	0.050	08/08/2024	ND	2.30	115	2.00	2.75	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.38	119	2.00	1.99	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.24	121	6.00	2.03	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 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	1040	16.0	08/09/2024	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	08/08/2024	ND	197	98.6	200	0.547	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	188	94.1	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	58.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	50.7	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

## Sample ID: FL 34 @ 5' (H244762-34)

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	08/08/2024	ND	2.03	101	2.00	1.24	
Toluene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	0.774	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.14	107	2.00	0.724	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	6.28	105	6.00	0.859	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 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	320	16.0	08/09/2024	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	08/09/2024	ND	197	98.6	200	0.547	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	188	94.1	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	76.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.1	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

## Sample ID: FL 35 @ 5' (H244762-35)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	2.03	101	2.00	1.24	
Toluene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	0.774	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.14	107	2.00	0.724	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	6.28	105	6.00	0.859	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 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	304	16.0	08/09/2024	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	08/08/2024	ND	197	98.6	200	0.547	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	188	94.1	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	60.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	54.1	% 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:

Analyzed By: 14

Received: 08/07/2024

Sampling Date: 08/07/2024

Reported: 08/13/2024
Project Name: DELAWARE RANCH B1BO FLOW LINE

Sampling Type: Soil

Project Number: 20882

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

Project Location: MEWBOURNE 32.052213-104.055798

ma/ka

## Sample ID: FL 36 @ 4' (H244762-36)

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	08/08/2024	ND	2.03	101	2.00	1.24	
Toluene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	0.774	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.14	107	2.00	0.724	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	6.28	105	6.00	0.859	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	2130	16.0	08/09/2024	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	08/08/2024	ND	197	98.6	200	0.547	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	188	94.1	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	60.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	52.2	% 49.1-14	8						

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Celeg D. Frene



## Analytical Results For:

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

Analyzed By: 14

Received: 08/07/2024

Sampling Date: 08/07/2024

Reported: 08/13/2024
Project Name: DELAWARE RANCH B1BO FLOW LINE

Sampling Type: Soil

Project Number: 20882

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

Project Location: MEWBOURNE 32.052213-104.055798

ma/ka

## Sample ID: FL 37 @ 4' (H244762-37)

RTFY 8021R

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	08/08/2024	ND	2.03	101	2.00	1.24	
<0.050	0.050	08/08/2024	ND	2.00	100	2.00	0.774	
<0.050	0.050	08/08/2024	ND	2.14	107	2.00	0.724	
<0.150	0.150	08/08/2024	ND	6.28	105	6.00	0.859	
<0.300	0.300	08/08/2024	ND					
100 9	% 71.5-13	4						
mg/	'kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
3320	16.0	08/09/2024	ND	416	104	400	7.41	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	08/08/2024	ND	197	98.6	200	0.547	
<10.0	10.0	08/08/2024	ND	188	94.1	200	2.64	
<10.0	10.0	08/08/2024	ND					
59.1	% 48.2-13	4						
52.1	% 49.1-14	8						
	<0.050 <0.050 <0.050 <0.150 <0.300  100 9  mg/  Result 3320  mg/  Result <10.0 <10.0 <59.1	<0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 0.300 T1.5-13 mg/kg Result Reporting Limit 3320 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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Celey D. Keine



## Analytical Results For:

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

Fax To:

Received: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

## Sample ID: FL 38 @ 4' (H244762-38)

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	08/08/2024	ND	2.03	101	2.00	1.24	
Toluene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	0.774	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.14	107	2.00	0.724	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	6.28	105	6.00	0.859	
Total BTEX	<0.300	0.300	08/08/2024	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	656	16.0	08/09/2024	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	08/08/2024	ND	197	98.6	200	0.547	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	188	94.1	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	72.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	64.4	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

## Sample ID: FL 39 @ 4' (H244762-39)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	2.03	101	2.00	1.24	
Toluene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	0.774	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.14	107	2.00	0.724	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	6.28	105	6.00	0.859	
Total BTEX	<0.300	0.300	08/08/2024	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	2680	16.0	08/09/2024	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	08/08/2024	ND	197	98.6	200	0.547	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	188	94.1	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	74.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.7	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

### Sample ID: FL 40 @ 4' (H244762-40)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	2.03	101	2.00	1.24	
Toluene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	0.774	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.14	107	2.00	0.724	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	6.28	105	6.00	0.859	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 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	3320	16.0	08/09/2024	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	08/08/2024	ND	197	98.6	200	0.547	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	188	94.1	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	76.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.5	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

## Sample ID: FL 41 @ 4' (H244762-41)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	2.03	101	2.00	1.24	
Toluene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	0.774	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.14	107	2.00	0.724	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	6.28	105	6.00	0.859	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 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	6880	16.0	08/09/2024	ND	416	104	400	3.77	QM-07
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2024	ND	197	98.6	200	0.547	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	188	94.1	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	68.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	62.1	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

## Sample ID: FL 42 @ 4' (H244762-42)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	2.03	101	2.00	1.24	
Toluene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	0.774	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.14	107	2.00	0.724	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	6.28	105	6.00	0.859	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 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	2110	16.0	08/09/2024	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	08/08/2024	ND	197	98.6	200	0.547	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	188	94.1	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	58.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	52.3	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

# Sample ID: NW 1 (H244762-43)

BTEX 8021B

DILX GOZID	iiig/	, kg	Alldiyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	2.03	101	2.00	1.24	
Toluene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	0.774	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.14	107	2.00	0.724	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	6.28	105	6.00	0.859	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/09/2024	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	08/08/2024	ND	231	116	200	1.37	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	6.93	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	89.8	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: NW 2 (H244762-44)

BTEX 8021B	mg	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	2.03	101	2.00	1.24	
Toluene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	0.774	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.14	107	2.00	0.724	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	6.28	105	6.00	0.859	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/09/2024	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	08/08/2024	ND	231	116	200	1.37	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	6.93	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	90.0	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

## Sample ID: NW 3 (H244762-45)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2024	ND	2.03	101	2.00	1.24	
Toluene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	0.774	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.14	107	2.00	0.724	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	6.28	105	6.00	0.859	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/09/2024	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	08/08/2024	ND	231	116	200	1.37	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	6.93	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	94.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: NW 4 (H244762-46)

BTEX 8021B

	<u> </u>									
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2024	ND	2.03	101	2.00	1.24		
Toluene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	0.774		
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.14	107	2.00	0.724		
Total Xylenes*	<0.150	0.150	08/08/2024	ND	6.28	105	6.00	0.859		
Total BTEX	<0.300	0.300	08/08/2024	ND						
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 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	08/09/2024	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	08/08/2024	ND	231	116	200	1.37		
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	6.93		
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND						
Surrogate: 1-Chlorooctane	90.4	% 48.2-13	4							
Surrogate: 1-Chlorooctadecane	108	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: NW 5 (H244762-47)

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	08/08/2024	ND	2.03	101	2.00	1.24	
Toluene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	0.774	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.14	107	2.00	0.724	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	6.28	105	6.00	0.859	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 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	400	16.0	08/09/2024	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	08/08/2024	ND	231	116	200	1.37	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	6.93	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	91.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: NW 6 (H244762-48)

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	08/08/2024	ND	2.03	101	2.00	1.24	
Toluene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	0.774	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.14	107	2.00	0.724	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	6.28	105	6.00	0.859	
Total BTEX	<0.300	0.300	08/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/09/2024	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	08/08/2024	ND	231	116	200	1.37	
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	6.93	
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND					
Surrogate: 1-Chlorooctane	93.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: EW 1 (H244762-49)

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	08/08/2024	ND	2.03	101	2.00	1.24		
Toluene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	0.774		
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.14	107	2.00	0.724		
Total Xylenes*	<0.150	0.150	08/08/2024	ND	6.28	105	6.00	0.859		
Total BTEX	<0.300	0.300	08/08/2024	ND						
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	08/09/2024	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	08/08/2024	ND	231	116	200	1.37		
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	6.93		
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND						
Surrogate: 1-Chlorooctane	101	% 48.2-13	4							
Surrogate: 1-Chlorooctadecane	121	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: EW 2 (H244762-50)

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	08/08/2024	ND	2.03	101	2.00	1.24		
Toluene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	0.774		
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.14	107	2.00	0.724		
Total Xylenes*	<0.150	0.150	08/08/2024	ND	6.28	105	6.00	0.859		
Total BTEX	<0.300	0.300	08/08/2024	ND						
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 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	48.0	16.0	08/09/2024	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	08/08/2024	ND	231	116	200	1.37		
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	6.93		
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND						
Surrogate: 1-Chlorooctane	92.6	% 48.2-13	4							
Surrogate: 1-Chlorooctadecane	110	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: SW 1 (H244762-51)

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	08/08/2024	ND	2.03	101	2.00	1.24		
Toluene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	0.774		
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.14	107	2.00	0.724		
Total Xylenes*	<0.150	0.150	08/08/2024	ND	6.28	105	6.00	0.859		
Total BTEX	<0.300	0.300	08/08/2024	ND						
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 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	96.0	16.0	08/09/2024	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	08/08/2024	ND	231	116	200	1.37		
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	6.93		
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND						
Surrogate: 1-Chlorooctane	92.8	% 48.2-13	4							
Surrogate: 1-Chlorooctadecane	109	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: SW 2 (H244762-52)

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	08/08/2024	ND	2.03	101	2.00	1.24		
Toluene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	0.774		
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.14	107	2.00	0.724		
Total Xylenes*	<0.150	0.150	08/08/2024	ND	6.28	105	6.00	0.859		
Total BTEX	<0.300	0.300	08/08/2024	ND						
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 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	32.0	16.0	08/09/2024	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	08/08/2024	ND	231	116	200	1.37		
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	6.93		
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND						
Surrogate: 1-Chlorooctane	86.8	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: SW 3 (H244762-53)

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	08/08/2024	ND	2.03	101	2.00	1.24		
Toluene*	<0.050	0.050	08/08/2024	ND	2.00	100	2.00	0.774		
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.14	107	2.00	0.724		
Total Xylenes*	<0.150	0.150	08/08/2024	ND	6.28	105	6.00	0.859		
Total BTEX	<0.300	0.300	08/08/2024	ND						
Surrogate: 4-Bromofluorobenzene (PID	100	% 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	08/09/2024	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	08/08/2024	ND	231	116	200	1.37		
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	6.93		
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND						
Surrogate: 1-Chlorooctane	86.9	% 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: 08/07/2024 Sampling Date: 08/07/2024

Reported: 08/13/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: SW 4 (H244762-54)

BTEX 8021B

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	08/08/2024	ND	2.40	120	2.00	2.14		
Toluene*	<0.050	0.050	08/08/2024	ND	2.48	124	2.00	3.42		
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.61	130	2.00	4.31		
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.70	128	6.00	4.53		
Total BTEX	<0.300	0.300	08/08/2024	ND						
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	256	16.0	08/09/2024	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	08/08/2024	ND	231	116	200	1.37		
DRO >C10-C28*	<10.0	10.0	08/08/2024	ND	210	105	200	6.93		
EXT DRO >C28-C36	<10.0	10.0	08/08/2024	ND						
Surrogate: 1-Chlorooctane	84.9	% 48.2-13	4							
Surrogate: 1-Chlorooctadecane	99.9	% 49.1-14	8							

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#### **Notes and Definitions**

S-05	The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
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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# RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

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

Company Nam	e: Etech Environmental & Safety Sol	ution	s, In	C.						B	ILL TO	)				ANALYSIS REQUEST
Project Manage	er: Lance Crenshaw							P.(	0. #.				Т			
Address: 26	17 West Marland							Co	mpa	any	Mewt	ourne	7	1		
City: Hobbs	State: NM	Zip	: 88	3240				Att	n:		Connor V	Valker	1	1		
Phone #: (57	75) 264-9884 Fax #:							Ad	dres	ss:			1	L		
Project #: 20	882 Project Own	er:	M	ewb	ourne	е		Cit					1	_		
Project Name:	Delaware Ranch B1BO Flow Line									NM	Zip:		0	(8015M)	(8021B	
roject Locatio	on: 32.052213, -104.055798								one		Lip.		Chloride	2	802	
Sampler Name	: Aaron Rios								x #:	#.			┧을	8	×	
FOR LAB USE ONLY		Т	Т	Т	M	ATRI	X	_	_	SERV	SAMP	LING	40	TPH	ВТЕХ	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL OTHER:	DATE	TIME				
	FL 1 @ 3'	С	1		)					Х	8/7/24		Х	X	X	
2	FL 2 @ 3'	С	1		)	(				X	8/7/24		Х	Х	Х	
3	FL 3 @ 2'	С	1		)	(				X	8/7/24		X	Х	Х	
4	FL 4 @ 4'	С	1		X	(				X	8/7/24		X	Х	Х	
5	FL 5 @ 4'	С	1		X	(				Х	8/7/24		X	X	X	
9	FL 6 @ 4'	С	1		X	(				X	8/7/24		X	X	Х	
1	FL 7 @ 4'	С	1		X			4	4	X	8/7/24		X	X	X	
0	FL 8 @ 4'	С	1		X			4		X	8/7/24	_	X	Х	Х	
	FL 9 @ 4'	С	1		X	_	$\vdash$		-	X	8/7/24	-	Х	X	Х	
7	FL 10 @ 4'	I C								X	8/7/24		X	X	X	

and an incident to the performance	or services nerequirer by c	ardinar, regardless of whether such claim is based up	on any of the above stated re	easons or otherwise.				
Relinquished By:	Date:	Received By:		Phone Result:	☐ Yes	☐ No	Add'l Phone #:	
1/1/	8-121	4		Fax Result:	☐ Yes	□ No	Add'I Fax #:	
11/1/1/1/1	Time:	000		REMARKS:				
elinquished By:	Date:	Received By:						
	Time:			Please email	e stilte a	nd conv	of CoC to pm@etechenv.com.	
Delivered By: (Circle One)	. O'c /CF-	Ode Sample Condition	CHECKED BY:	i icase ciriaii i	Courto a	па сору	of coc to pringetecheny.com.	
Sampler - UPS - Bus - Other:	n: #	Cool Intact Yes Yes No No	(Initials)					

FORM-006 Revision 1.0

Received by OCD: 11/5/2024 9:57:03 AM

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# RDINAL LABORATORIES

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Nam	e: Etech Environmental & Safety Solu	tion	s, In	IC.			П			BI	LL TO	A	ŝ			ANALYSIS REQUEST
Project Manag	er: Lance Crenshaw							P.O.	#:				T		T	
Address: 26	17 West Marland							Com	pan	v	Mewb	ourne	1	1		
City: Hobbs	State: NM	Zip	: 88	3240				Attn:		,	Connor W					
Phone #: (5)	75) 264-9884 Fax #:						-1	Addr			Connor	rainor	1			
Project #: 20	882 Project Owne	r:	M	ewbo	urne			City:							_	
Project Name:	Delaware Ranch B1BO Flow Line						- 1			MA	Zip:		0	1 S	18	
Project Location	on: 32.052213, -104.055798						- 1	Phor			Zip.		Chloride	TPH (8015M)	(8021B)	
Sampler Name	: Aaron Rios						-1	Fax #					1 을	8	×	
FOR LAB USE ONLY		Т	Т	Т	MA	TRIX	_	_		ERV.	SAMPL	ING	10	표	втех	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ICE / COOL	OTHER:	DATE	TIME		_	В	
1)	FL 11 @ 4'	С	1		X			T	X		8/7/24		Х	Х	Х	
12	FL 12 @ 4'	С	1		Х				X		8/7/24		Х	X	Х	
13	FL 13 @ 4'	С	1		X				X		8/7/24		Х	Х	Х	
14	FL 14 @ 4'	С	1		Х				X		8/7/24		Х	Х	Х	
15	FL 15 @ 4'	С	1		Х				X		8/7/24		Х	Х	Х	
10	FL 16 @ 4'	С	1		X				X		8/7/24		Х	Х	X	
17	FL 17 @ 4'	С	1		X				X		8/7/24		Х	Х	Х	
18	FL 18 @ 4'	С	1		Х				X		8/7/24		Х	Х	Х	
19	FL 19 @ 4'	С	1		X				Х		8/7/24		Х	X	Х	
WEASE NOTE: LINE	FL 20 @ 4'	С	1		X			$\perp$	X		8/7/24		Х	X	Х	
renyice. In no event shall C iffiliates or successors aris Relinquished B	Time: 10145	withou ardinal Re	t limita regar Celv	ed unless ation, bus dless of red B	s made in iness int whether y:	writing	g and re ons, loss taim is b	ceived i	by Can	dinal wi	thin 30 days after	er completion of the	ne applicab nes, se. sult:	□ Ye		No Add'l Phone #: No Add'l Fax #:
Delivered By: Sampler - UPS	Time:  (Circle One) -5.4   CF-C  - Bus - Other: -4.2.4	0.6	·L	C	mple ool Yes No	ntac	t Yes	1		ECKI (Initia		Please e	mail re	esults	and c	copy of CoC to pm@etechenv.com.

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Received by OCD: 11/5/2024 9:57:03 AM

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## ARDINA 101 Eas

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

#### ARDINAL LABORATORIES

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

Company Nam		ution	s, Ir	nc.			T			BI	LL TO		1			ANALYSIS REQUEST	
	er: Lance Crenshaw						P	.0. #					Т		Т	THE LOID REGOLUT	
Address: 26	17 West Marland						c	omp	anv		Mewb	ourne	1	1			
City: Hobbs	State: NM	Zip	: 88	3240				ttn:			Connor V		1	1			
Phone #: (57	75) 264-9884 Fax #:						1	ddre	66.		Octimor V	ruinci	1	1			
Project #: 208	882 Project Owne	r:	M	ewbou	rne		1	ity:	55.				1		1_		
Project Name:	Delaware Ranch B1BO Flow Line						1	-	NII		Zip:		0	(8015M)	(8021B)		
Project Locatio	on: 32.052213, -104.055798									IVI	ZIP:		Chloride	15	02		
Sampler Name:							1	hone		_			1 0	8	8		
FOR LAB USE ONLY		Т	Т		MATE	SIX	Fa	ax #:	ESE	RVI	SAMPI	ING	10	TPH	BTEX		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	1	SLUDGE	OTHER:		OL	OTHER:	DATE			F	-B		
15	FL 21 @ 4'	С	_		X	0)		1	Х	Ť	8/7/24	7	Х	Х	X		
22	FL 22 @ 4'	С	1		Х				X	t	8/7/24		X	X	X		
73	FL 23 @ 4'	С	1		X				х	1	8/7/24		X	X	X		
74	FL 24 @ 4'	С	1		X				х	1	8/7/24		X	X	X		
75	FL 25 @ 4'	С	1		X				х	1	8/7/24		X	X	X		
24	FL 26 @ 4'	С	1		x				х	1	8/7/24		X	X	X		
74 77 78 79	FL 27 @ 4'	С	1		X				х	1	8/7/24		X	X	X		
78	FL 28 @ 4'	С	1		х				х	1	8/7/24		X	X	X		
	FL 29 @ 7'	С	1		X				х	1	8/7/24		х	Х	X		-
30	FL 30 @ 4'	С	1		X				Х	T	8/7/24		Х	Х	X		
service. In no event shall Ca affiliates or successors arisin Relinquished By Relinquished By Delivered By:	1/1 Time:	Red	ceiv	of unless metion, busine diess of who red By:	ade in wir ss interru ether suci	onditio	orn	ived by f use, or ed upor	Cardin loss of any of	al with f profit f the a	nin 30 days after the sincurred by above stated re	er completion of the client, its subsidiar assons or otherwise Phone Res Fax Result REMARKS	e. sult: t:	□ Ye	s 🗆	No Add'l Phone #: No Add'l Fax #:  Copy of CoC to pm@etechenv.com.	

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<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

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# E A

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

#### ARDINAL LABORATORIES

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

Company Nam		al & Safety Solution	is, I	nc.			B	ILL TO		8			ANALYSIS REQUEST
Project Manage	er: Lance Crenshaw				P	0. #				Т			
Address: 26	17 West Marland				C	ompa	any	Mewb	ourne	1			
City: Hobbs		State: NM Zi	p: 8	8240	A	ttn:		Connor W	/alker	1	1		
Phone #: (57	5) 264-9884	Fax #:				ddres	ss:		- Carrer	1			
Project #: 208	382	Project Owner:	N	Newbourne		ity:				1			
roject Name:	Delaware Ranch B1BO	Flow Line					NM	7in:		0	Σ	19	
roject Locatio	n: 32.052213, -104.055	5798						Zip:		Chloride	TPH (8015M)	(8021B)	
Sampler Name:	Aaron Rios				_	none	#:			١Ē	8	18	
FOR LAB USE ONLY			Т	MATRIX	Fa	PRE	SERV	SAMPI	ING	0	표	втех	
Lab I.D.	Sample I.I	D.	IZ	œ	SLUDGE OTHER:		ICE / COOL OTHER:	DATE	TIME		F	B.	
3	FL 31 @ 4'	С	1		,, ,		X	8/7/24	1	х	Х	x	
31 33 34 33 39 39	FL 32 @ 4'	C		X	1		X	8/7/24		X	X	X	
33	FL 33 @ 4'	С	1	x			X	8/7/24		X	X	X	
34	FL 34 @ 5'	С	1	x			X	8/7/24		х	X	X	
35	FL 35 @ 5'	С	1	X			x	8/7/24		Х	X	X	
30	FL 36 @ 4'	С	1	X			X	8/7/24		Х	X	X	
37	FL 37 @ 4'	С	1	X			X	8/7/24		Х	Х	х	
38	FL 38 @ 4'	С	1	X			X	8/7/24		Х	Х	X	
39	FL 39 @ 4'	С	1	X			X	8/7/24		х	Х	Х	
40	FL 40 @ 4'	С	1	X			X	8/7/24		Х	Х	X	
vice. In no event shall Ca	the	resultable of sense of certain personal damages, including withous services hereunder by Cardina Date:  724  Time:  Date:  Re	d wan at limit l, rega	ved unless made in writing a	nd recei	ved by C	ardinal w	ithin 30 days afte	r completion of the	e applicables, es, sult: t:	□ Yes		
Delivered By: ampler - UPS	(Circle One) -5.(	Time: U'- CF-0.U 2'- # 140	ر	Sample Condi Cool Intact Yes Yes		С	(Initia	ED BY:	Please er	mail re	esults	and cop	ppy of CoC to pm@etechenv.com.

FORM-006 Revision 1.0

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# (E)

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

#### ARDINAL LABORATORIES

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

Company Nam	ne: Etech Environmental & Safety So	ution	s, In	IC.						BI	LL TO		8			ANALYSIS REQUEST
Project Manag	er: Lance Crenshaw						P.	0.#							T	THE POINT REGISTER
Address: 26	17 West Marland						Co	omp	anv		Mewbo	ourne	1			
City: Hobbs	State: NM	Zij	o: 88	3240			1	tn:			Connor W		1	1		
Phone #: (5)	75) 264-9884 Fax #:							ddre	ee.		COMMON VV	dinci	1			
Project #: 20	882 Project Own	er:	M	ewbou	rne		+	ty:	33.				1		1_	
Project Name:	Delaware Ranch B1BO Flow Line								10		2:		-	E	(8021R)	
	on: 32.052213, -104.055798									VI	Zip:		Chloride	(8015M)	0	
Sampler Name								none					10	8	18	응
FOR LAB USE ONLY		_	_		MATE	PIY	Fa	X#:	SEI	21/1	SAMPL	INC	12	TPH	BTEX	Δ
		₽.				1		FRE	JOE	`	SAMPL	DING	1	F	8	ā
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	ĮŽ	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME				
U	FL 41 @ 4'	С	1		Х				Х	Ť	8/7/24		Х	Х	X	x
42	FL 42 @ 4'	C	1		X				Х	1	8/7/24		X	X	X	
43	NW 1	C	1		X				Х	1	8/7/24		X	X	X	
43 44 45 46	NW 2	С	1		Х				х	1	8/7/24		X	X	X	
45	NW 3	С	1		Х				X	1	8/7/24		X	X	X	
46	NW 4	С	1		Х				Х	1	8/7/24		Х	Х	X	
47	NW 5	С	1		X				Х		8/7/24		Х	Х	X	
us	NW 6	С	1		Х				X		8/7/24		Х	Х	X	
49	EW 1	C	1		Х				Х		8/7/24		Х	Х	Х	
50	EW 2	C	1		Х				X		8/7/24		X	Х	X	
ervice. In no event shall C	1-12	deeme g withou Cardinal	d waive it limita , regar	ed unless ma	ade in wr ss interru ether suc	nting and	receiv	ved by 0	Cardin	al with	hin 30 days afte	r completion of t	he applicab ries, se. esult:	□ Ye		□ No Add'l Phone #: □ No Add'l Fax #:
1/1/1	1005 TUUS	1	16	Da	11	n						REMARK	S:			
elinguisbed B	Time:			ed By:								Please o	mail r	oculte.	and	d convert CoC to any Octob
Delivered By Sampler - UPS	: (Circle One) - 5 U = 1CF - - Bus - Other: - 4 . 2 . 4	0.0	) 'C	Coo	Int res	act Yes No		C	(Ir	CKE	Is)	r lease e	man re	esui(S	ano	d copy of CoC to pm@etechenv.com.
EODM 0				-			_			-1						

FORM-006 Revision 1.0

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Page 62 of 62

# RDINAL LABORATORIES

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Nam	and the same of th	lution	s, Ir	IC.						BI	LL TO		8			ANALYSIS REQUEST
	ger: Lance Crenshaw						7	P.O. ;								THE TOTAL REGULATION OF THE PARTY OF THE PAR
Address: 26	317 West Marland							Comp	pany	,	Mewb	ourne	1			
City: Hobbs	State: NM	Zip	o: 88	3240				Attn:			Connor V		1			
Phone #: (5	75) 264-9884 Fax #:							Addre	see.		OUTINO Y	Valina	1			
Project #: 20	882 Project Own	er:	M	ewbo	ourne		-	City:					1			
Project Name:	Delaware Ranch B1BO Flow Line						_	-		13.4	7:		0	Σ	18	
Project Location	on: 32.052213, -104.055798							state			Zip:		Chloride	(8015M)	(8021B)	
Sampler Name								hon					ē	8	8	
FOR LAB USE ONLY		Т	Т	Т	MA	TRIX	- 1	ax #	ESE	PV.	SAMPI	INC	Ö	TPH	втех	
Labin		(C)OMP.	ERS	ATER							OAM!	LING		F	E	
Lab I.D.	Sample I.D.	G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	ACID/BASE	CE/COOL	OTHER:	DATE	TIME				
5	SW 1	С	175	Ĭ	X		0) (	1	X		8/7/24	Time	Х	Х	x	
57 53 54	SW 2	C	1		X			+	Х	1	8/7/24		Х	X	×	
53	SW 3	C	1		X				Х	+	8/7/24		Х	X	x	
54	SW 4	C	1		X		T	1	X	1	8/7/24		X	X	x	
		1								1			^	^	^	
										1			$\vdash$			
										1						
EASE NOTE: 1 (ability a																
	nd Damages, Cardinal's liability and client's exclusive remedy for ing those for negligence and any other cause whatsoever shall be ardinal be liable for incidental or consequently demonstrating incident.															
filiates or successors arisi	ng out of or related to the performance of services hereunder by	g wenou Cardinal,	regard	tion, busi dless of v	ness inte whether s											
elinquished B	Time:	Re	ceiv	ed B	y:							Phone Res Fax Result REMARKS	sult:	☐ Yes		
elinquished By	y: Date:	Re	ceiv	ed B	V:	b										
Delivered By: ampler - UPS	(Circle One) -5.02 /CF Bus - Other: -(1.2 C # 1)	0.6	-	Sai	mple of I	ntact		(		CKE	D BY:	Please er	nail re	sults	and co	opy of CoC to pm@etechenv.com.

FORM-006 Revision 1.0

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



August 14, 2024

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

RE: DELAWARE RANCH B1BO FLOW LINE

Enclosed are the results of analyses for samples received by the laboratory on 08/08/24 15:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 43 @ 4' (H244807-01)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2024	ND	2.06	103	2.00	0.178	
Toluene*	<0.050	0.050	08/10/2024	ND	2.01	100	2.00	0.540	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.10	105	2.00	0.610	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.21	104	6.00	0.769	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 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	496	16.0	08/12/2024	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	08/09/2024	ND	207	104	200	4.56	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	216	108	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	71.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.4	% 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. Keine



#### Analytical Results For:

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

Analyzed By: JH

Tax

08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 44 @ 4' (H244807-02)

Received:

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2024	ND	2.06	103	2.00	0.178	
Toluene*	<0.050	0.050	08/10/2024	ND	2.01	100	2.00	0.540	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.10	105	2.00	0.610	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.21	104	6.00	0.769	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 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	544	16.0	08/12/2024	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	08/10/2024	ND	207	104	200	4.56	
DRO >C10-C28*	<10.0	10.0	08/10/2024	ND	216	108	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	08/10/2024	ND					
Surrogate: 1-Chlorooctane	71.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.9	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 45 @ 4' (H244807-03)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2024	ND	2.06	103	2.00	0.178	
Toluene*	<0.050	0.050	08/10/2024	ND	2.01	100	2.00	0.540	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.10	105	2.00	0.610	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.21	104	6.00	0.769	
Total BTEX	<0.300	0.300	08/10/2024	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	2520	16.0	08/12/2024	ND	416	104	400	0.00	QM-07
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2024	ND	207	104	200	4.56	
DRO >C10-C28*	<10.0	10.0	08/10/2024	ND	216	108	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	08/10/2024	ND					
Surrogate: 1-Chlorooctane	76.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.1	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 46 @ 4' (H244807-04)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2024	ND	2.06	103	2.00	0.178	
Toluene*	<0.050	0.050	08/10/2024	ND	2.01	100	2.00	0.540	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.10	105	2.00	0.610	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.21	104	6.00	0.769	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 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	1070	16.0	08/12/2024	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	08/10/2024	ND	207	104	200	4.56	
DRO >C10-C28*	<10.0	10.0	08/10/2024	ND	216	108	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	08/10/2024	ND					
Surrogate: 1-Chlorooctane	70.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.0	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 47 @ 4' (H244807-05)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2024	ND	2.06	103	2.00	0.178	
Toluene*	<0.050	0.050	08/10/2024	ND	2.01	100	2.00	0.540	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.10	105	2.00	0.610	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.21	104	6.00	0.769	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 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	2800	16.0	08/12/2024	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	08/09/2024	ND	198	99.0	200	3.80	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	70.8	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 48 @ 4' (H244807-06)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2024	ND	2.06	103	2.00	0.178	
Toluene*	<0.050	0.050	08/10/2024	ND	2.01	100	2.00	0.540	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.10	105	2.00	0.610	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.21	104	6.00	0.769	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 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	352	16.0	08/12/2024	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	08/09/2024	ND	198	99.0	200	3.80	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	53.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	58.4	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 49 @ 4' (H244807-07)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2024	ND	2.06	103	2.00	0.178	
Toluene*	<0.050	0.050	08/10/2024	ND	2.01	100	2.00	0.540	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.10	105	2.00	0.610	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.21	104	6.00	0.769	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 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	08/12/2024	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	08/12/2024	ND	198	99.0	200	3.80	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					
Surrogate: 1-Chlorooctane	76.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.9	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 50 @ 4' (H244807-08)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2024	ND	2.06	103	2.00	0.178	
Toluene*	<0.050	0.050	08/10/2024	ND	2.01	100	2.00	0.540	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.10	105	2.00	0.610	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.21	104	6.00	0.769	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 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	512	16.0	08/12/2024	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	08/09/2024	ND	198	99.0	200	3.80	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	62.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.2	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: Sample Received By: 20882 Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 51 @ 4' (H244807-09)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2024	ND	2.06	103	2.00	0.178	
Toluene*	<0.050	0.050	08/10/2024	ND	2.01	100	2.00	0.540	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.10	105	2.00	0.610	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.21	104	6.00	0.769	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 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	7600	16.0	08/12/2024	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	08/09/2024	ND	198	99.0	200	3.80	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	66.8	% 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:

Received: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 52 @ 5' (H244807-10)

BTEX 8021B

DILX GOZID	mg/	ng .	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2024	ND	2.06	103	2.00	0.178	
Toluene*	<0.050	0.050	08/10/2024	ND	2.01	100	2.00	0.540	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.10	105	2.00	0.610	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.21	104	6.00	0.769	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 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	6400	16.0	08/12/2024	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	08/09/2024	ND	198	99.0	200	3.80	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	67.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.8	% 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

Analyzed By: JH

Fax To:

Received: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 53 @ 5' (H244807-11)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2024	ND	2.06	103	2.00	0.178	
Toluene*	<0.050	0.050	08/10/2024	ND	2.01	100	2.00	0.540	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.10	105	2.00	0.610	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.21	104	6.00	0.769	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 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	7520	16.0	08/12/2024	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	08/09/2024	ND	198	99.0	200	3.80	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	67.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.7	% 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

Analyzed By: JH

Fax To:

Received: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 54 @ 4' (H244807-12)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2024	ND	2.48	124	2.00	1.23	
Toluene*	<0.050	0.050	08/10/2024	ND	2.22	111	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.26	113	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.90	115	6.00	3.16	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	976	16.0	08/12/2024	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	08/09/2024	ND	198	99.0	200	3.80	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	61.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.6	% 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

Analyzed By: JH

Fax To:

Received: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 55 @ 4' (H244807-13)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2024	ND	2.48	124	2.00	1.23	
Toluene*	<0.050	0.050	08/10/2024	ND	2.22	111	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.26	113	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.90	115	6.00	3.16	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	3520	16.0	08/12/2024	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	08/09/2024	ND	198	99.0	200	3.80	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	67.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.5	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 56 @ 4' (H244807-14)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2024	ND	2.48	124	2.00	1.23	
Toluene*	<0.050	0.050	08/10/2024	ND	2.22	111	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.26	113	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.90	115	6.00	3.16	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	7360	16.0	08/12/2024	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	08/09/2024	ND	198	99.0	200	3.80	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	69.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.7	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 57 @ 4' (H244807-15)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2024	ND	2.48	124	2.00	1.23	
Toluene*	<0.050	0.050	08/10/2024	ND	2.22	111	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.26	113	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.90	115	6.00	3.16	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.2	% 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	8480	16.0	08/12/2024	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	08/09/2024	ND	198	99.0	200	3.80	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	73.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.6	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 58 @ 4' (H244807-16)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2024	ND	2.48	124	2.00	1.23	
Toluene*	<0.050	0.050	08/10/2024	ND	2.22	111	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.26	113	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.90	115	6.00	3.16	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 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	7920	16.0	08/12/2024	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	08/09/2024	ND	198	99.0	200	3.80	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	70.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.6	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 59 @ 4' (H244807-17)

BTEX 8021B

				-					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2024	ND	2.48	124	2.00	1.23	
Toluene*	<0.050	0.050	08/10/2024	ND	2.22	111	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.26	113	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.90	115	6.00	3.16	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 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	08/12/2024	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	08/09/2024	ND	198	99.0	200	3.80	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	65.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.8	% 49.1-14	8						

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Celeg D. Frene



#### Analytical Results For:

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

Fax To:

Received: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 60 @ 4' (H244807-18)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2024	ND	2.48	124	2.00	1.23	
Toluene*	<0.050	0.050	08/10/2024	ND	2.22	111	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.26	113	2.00	2.58	
Total Xylenes*	< 0.150	0.150	08/10/2024	ND	6.90	115	6.00	3.16	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	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	08/12/2024	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	08/09/2024	ND	198	99.0	200	3.80	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	71.8 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.7	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 61 @ 3' (H244807-19)

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	08/10/2024	ND	2.48	124	2.00	1.23	
Toluene*	<0.050	0.050	08/10/2024	ND	2.22	111	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.26	113	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.90	115	6.00	3.16	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 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	176	16.0	08/12/2024	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	08/09/2024	ND	198	99.0	200	3.80	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	65.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.9	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 62 @ 3' (H244807-20)

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	08/10/2024	ND	2.48	124	2.00	1.23	
Toluene*	<0.050	0.050	08/10/2024	ND	2.22	111	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.26	113	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.90	115	6.00	3.16	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	400	16.0	08/12/2024	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	08/09/2024	ND	198	99.0	200	3.80	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	64.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.9	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 63 @ 4' (H244807-21)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2024	ND	2.48	124	2.00	1.23	
Toluene*	<0.050	0.050	08/10/2024	ND	2.22	111	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.26	113	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.90	115	6.00	3.16	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.4	% 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	928	16.0	08/12/2024	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	08/10/2024	ND	198	99.0	200	3.80	
DRO >C10-C28*	<10.0	10.0	08/10/2024	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	08/10/2024	ND					
Surrogate: 1-Chlorooctane	74.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.9	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 64 @ 4' (H244807-22)

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	08/10/2024	ND	2.48	124	2.00	1.23	
Toluene*	<0.050	0.050	08/10/2024	ND	2.22	111	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.26	113	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.90	115	6.00	3.16	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 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	416	16.0	08/12/2024	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	08/10/2024	ND	198	99.0	200	3.80	
DRO >C10-C28*	<10.0	10.0	08/10/2024	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	08/10/2024	ND					
Surrogate: 1-Chlorooctane	60.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.1	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 65 @ 4' (H244807-23)

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	08/10/2024	ND	2.48	124	2.00	1.23	
Toluene*	<0.050	0.050	08/10/2024	ND	2.22	111	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.26	113	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.90	115	6.00	3.16	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 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	64.0	16.0	08/13/2024	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	08/10/2024	ND	198	99.0	200	3.80	
DRO >C10-C28*	<10.0	10.0	08/10/2024	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	08/10/2024	ND					
Surrogate: 1-Chlorooctane	76.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.2	% 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:

Analyzed By: JH

Received: 08/08/2024

Sampling Date: 08/08/2024

Reported: 08/14/2024
Project Name: DELAWARE RANCH B1BO FLOW LINE

Sampling Type: Soil

Project Number: 20882

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

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 66 @ 4' (H244807-24)

BTEX 8021B

	<u> </u>			. ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2024	ND	2.48	124	2.00	1.23	
Toluene*	<0.050	0.050	08/10/2024	ND	2.22	111	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.26	113	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.90	115	6.00	3.16	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 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	8100	16.0	08/13/2024	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	08/10/2024	ND	198	99.0	200	3.80	
DRO >C10-C28*	<10.0	10.0	08/10/2024	ND	191	95.4	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	08/10/2024	ND					
Surrogate: 1-Chlorooctane	80.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.9	% 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

Analyzed By: JH

Fax To:

Received: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 67 @ 5' (H244807-25)

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	08/10/2024	ND	2.48	124	2.00	1.23	
Toluene*	<0.050	0.050	08/10/2024	ND	2.22	111	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.26	113	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.90	115	6.00	3.16	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 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	5840	16.0	08/13/2024	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	08/09/2024	ND	218	109	200	9.55	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	219	109	200	9.67	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	84.6	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 68 @ 5' (H244807-26)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2024	ND	2.48	124	2.00	1.23	
Toluene*	<0.050	0.050	08/10/2024	ND	2.22	111	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.26	113	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.90	115	6.00	3.16	
Total BTEX	<0.300	0.300	08/10/2024	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	10000	16.0	08/13/2024	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	08/09/2024	ND	218	109	200	9.55	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	219	109	200	9.67	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	85.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 69 @ 4' (H244807-27)

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	08/10/2024	ND	2.48	124	2.00	1.23	
Toluene*	<0.050	0.050	08/10/2024	ND	2.22	111	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.26	113	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.90	115	6.00	3.16	
Total BTEX	<0.300	0.300	08/10/2024	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	4960	16.0	08/13/2024	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	08/09/2024	ND	218	109	200	9.55	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	219	109	200	9.67	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	75.7	% 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

Analyzed By: JH

Fax To:

Received: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 70 @ 4' (H244807-28)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2024	ND	2.48	124	2.00	1.23	
Toluene*	<0.050	0.050	08/10/2024	ND	2.22	111	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.26	113	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.90	115	6.00	3.16	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	08/13/2024	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	08/09/2024	ND	218	109	200	9.55	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	219	109	200	9.67	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	74.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.5	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 71 @ 4' (H244807-29)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2024	ND	2.48	124	2.00	1.23	
Toluene*	<0.050	0.050	08/10/2024	ND	2.22	111	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.26	113	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.90	115	6.00	3.16	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.8	% 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	8000	16.0	08/13/2024	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	08/09/2024	ND	218	109	200	9.55	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	219	109	200	9.67	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	92.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 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

Analyzed By: JH

Fax To:

Received: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 72 @ 4' (H244807-30)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2024	ND	2.48	124	2.00	1.23	
Toluene*	<0.050	0.050	08/10/2024	ND	2.22	111	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.26	113	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.90	115	6.00	3.16	
Total BTEX	<0.300	0.300	08/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.1	% 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	10600	16.0	08/13/2024	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	08/09/2024	ND	218	109	200	9.55	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	219	109	200	9.67	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	92.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 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

Analyzed By: JH

Fax To:

Received: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 73 @ 4' (H244807-31)

BTEX 8021B

	9/	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2024	ND	2.48	124	2.00	1.23	
Toluene*	<0.050	0.050	08/10/2024	ND	2.22	111	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.26	113	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.90	115	6.00	3.16	
Total BTEX	<0.300	0.300	08/10/2024	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	1300	16.0	08/13/2024	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	08/09/2024	ND	218	109	200	9.55	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	219	109	200	9.67	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	81.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.3	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 74 @ 4' (H244807-32)

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	08/11/2024	ND	2.01	100	2.00	4.32	
Toluene*	<0.050	0.050	08/11/2024	ND	1.97	98.7	2.00	3.18	
Ethylbenzene*	<0.050	0.050	08/11/2024	ND	2.02	101	2.00	1.84	
Total Xylenes*	<0.150	0.150	08/11/2024	ND	5.98	99.7	6.00	1.55	
Total BTEX	<0.300	0.300	08/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 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	1810	16.0	08/13/2024	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	08/09/2024	ND	218	109	200	9.55	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	219	109	200	9.67	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	86.2	% 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

Analyzed By: JH

Fax To:

Received: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 75 @ 4' (H244807-33)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2024	ND	2.01	100	2.00	4.32	
Toluene*	<0.050	0.050	08/11/2024	ND	1.97	98.7	2.00	3.18	
Ethylbenzene*	<0.050	0.050	08/11/2024	ND	2.02	101	2.00	1.84	
Total Xylenes*	<0.150	0.150	08/11/2024	ND	5.98	99.7	6.00	1.55	
Total BTEX	<0.300	0.300	08/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 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	3600	16.0	08/13/2024	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	08/09/2024	ND	218	109	200	9.55	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	219	109	200	9.67	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	78.4	% 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

Analyzed By: 14

Fax To:

Received: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 76 @ 4' (H244807-34)

RTFY 8021R

B1EX 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	08/11/2024	ND	2.01	100	2.00	4.32	
Toluene*	<0.050	0.050	08/11/2024	ND	1.97	98.7	2.00	3.18	
Ethylbenzene*	<0.050	0.050	08/11/2024	ND	2.02	101	2.00	1.84	
Total Xylenes*	<0.150	0.150	08/11/2024	ND	5.98	99.7	6.00	1.55	
Total BTEX	<0.300	0.300	08/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 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	1200	16.0	08/13/2024	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	08/09/2024	ND	218	109	200	9.55	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	219	109	200	9.67	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	80.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.5	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 77 @ 4' (H244807-35)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2024	ND	2.01	100	2.00	4.32	
Toluene*	<0.050	0.050	08/11/2024	ND	1.97	98.7	2.00	3.18	
Ethylbenzene*	<0.050	0.050	08/11/2024	ND	2.02	101	2.00	1.84	
Total Xylenes*	< 0.150	0.150	08/11/2024	ND	5.98	99.7	6.00	1.55	
Total BTEX	<0.300	0.300	08/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	6 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	880	16.0	08/13/2024	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	08/09/2024	ND	218	109	200	9.55	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	219	109	200	9.67	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	73.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.5	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 78 @ 4' (H244807-36)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2024	ND	2.01	100	2.00	4.32	
Toluene*	<0.050	0.050	08/11/2024	ND	1.97	98.7	2.00	3.18	
Ethylbenzene*	<0.050	0.050	08/11/2024	ND	2.02	101	2.00	1.84	
Total Xylenes*	<0.150	0.150	08/11/2024	ND	5.98	99.7	6.00	1.55	
Total BTEX	<0.300	0.300	08/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 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	480	16.0	08/13/2024	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	08/09/2024	ND	218	109	200	9.55	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	219	109	200	9.67	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	89.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 79 @ 4' (H244807-37)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2024	ND	2.01	100	2.00	4.32	
Toluene*	<0.050	0.050	08/11/2024	ND	1.97	98.7	2.00	3.18	
Ethylbenzene*	<0.050	0.050	08/11/2024	ND	2.02	101	2.00	1.84	
Total Xylenes*	<0.150	0.150	08/11/2024	ND	5.98	99.7	6.00	1.55	
Total BTEX	<0.300	0.300	08/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/13/2024	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	08/09/2024	ND	218	109	200	9.55	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	219	109	200	9.67	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	94.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	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

Analyzed By: 14

Fax To:

Received: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 80 @ 4' (H244807-38)

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	08/11/2024	ND	2.01	100	2.00	4.32	
Toluene*	<0.050	0.050	08/11/2024	ND	1.97	98.7	2.00	3.18	
Ethylbenzene*	<0.050	0.050	08/11/2024	ND	2.02	101	2.00	1.84	
Total Xylenes*	<0.150	0.150	08/11/2024	ND	5.98	99.7	6.00	1.55	
Total BTEX	<0.300	0.300	08/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 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	320	16.0	08/13/2024	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	08/09/2024	ND	218	109	200	9.55	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	219	109	200	9.67	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	98.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 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

Analyzed By: JH

Fax To:

Received: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 81 @ 4' (H244807-39)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2024	ND	2.01	100	2.00	4.32	
Toluene*	<0.050	0.050	08/11/2024	ND	1.97	98.7	2.00	3.18	
Ethylbenzene*	<0.050	0.050	08/11/2024	ND	2.02	101	2.00	1.84	
Total Xylenes*	<0.150	0.150	08/11/2024	ND	5.98	99.7	6.00	1.55	
Total BTEX	<0.300	0.300	08/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 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	7700	16.0	08/13/2024	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	08/09/2024	ND	218	109	200	9.55	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	219	109	200	9.67	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					
Surrogate: 1-Chlorooctane	92.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 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

Analyzed By: JH

Fax To:

Received: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 82 @ 4' (H244807-40)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2024	ND	2.01	100	2.00	4.32	
Toluene*	<0.050	0.050	08/11/2024	ND	1.97	98.7	2.00	3.18	
Ethylbenzene*	<0.050	0.050	08/11/2024	ND	2.02	101	2.00	1.84	
Total Xylenes*	<0.150	0.150	08/11/2024	ND	5.98	99.7	6.00	1.55	
Total BTEX	<0.300	0.300	08/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 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	2400	16.0	08/13/2024	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	08/10/2024	ND	218	109	200	9.55	
DRO >C10-C28*	<10.0	10.0	08/10/2024	ND	219	109	200	9.67	
EXT DRO >C28-C36	<10.0	10.0	08/10/2024	ND					
Surrogate: 1-Chlorooctane	92.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 83 @ 4' (H244807-41)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2024	ND	2.01	100	2.00	4.32	
Toluene*	<0.050	0.050	08/11/2024	ND	1.97	98.7	2.00	3.18	
Ethylbenzene*	<0.050	0.050	08/11/2024	ND	2.02	101	2.00	1.84	
Total Xylenes*	<0.150	0.150	08/11/2024	ND	5.98	99.7	6.00	1.55	
Total BTEX	<0.300	0.300	08/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 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	800	16.0	08/13/2024	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	08/10/2024	ND	218	109	200	9.55	
DRO >C10-C28*	<10.0	10.0	08/10/2024	ND	219	109	200	9.67	
EXT DRO >C28-C36	<10.0	10.0	08/10/2024	ND					
Surrogate: 1-Chlorooctane	87.8	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 84 @ 4' (H244807-42)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2024	ND	2.01	100	2.00	4.32	
Toluene*	<0.050	0.050	08/11/2024	ND	1.97	98.7	2.00	3.18	
Ethylbenzene*	<0.050	0.050	08/11/2024	ND	2.02	101	2.00	1.84	
Total Xylenes*	<0.150	0.150	08/11/2024	ND	5.98	99.7	6.00	1.55	
Total BTEX	<0.300	0.300	08/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 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	3120	16.0	08/13/2024	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	08/10/2024	ND	218	109	200	9.55	
DRO >C10-C28*	<10.0	10.0	08/10/2024	ND	219	109	200	9.67	
EXT DRO >C28-C36	<10.0	10.0	08/10/2024	ND					
Surrogate: 1-Chlorooctane	87.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 85 @ 4' (H244807-43)

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	08/11/2024	ND	2.01	100	2.00	4.32	
Toluene*	<0.050	0.050	08/11/2024	ND	1.97	98.7	2.00	3.18	
Ethylbenzene*	<0.050	0.050	08/11/2024	ND	2.02	101	2.00	1.84	
Total Xylenes*	<0.150	0.150	08/11/2024	ND	5.98	99.7	6.00	1.55	
Total BTEX	<0.300	0.300	08/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	2640	16.0	08/12/2024	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	08/10/2024	ND	218	109	200	9.55	
DRO >C10-C28*	<10.0	10.0	08/10/2024	ND	219	109	200	9.67	
EXT DRO >C28-C36	<10.0	10.0	08/10/2024	ND					
Surrogate: 1-Chlorooctane	90.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 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: 08/08/2024 Sampling Date: 08/08/2024

Reported: 08/14/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: EW 2 (H244807-44)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2024	ND	2.01	100	2.00	4.32	
Toluene*	<0.050	0.050	08/11/2024	ND	1.97	98.7	2.00	3.18	
Ethylbenzene*	<0.050	0.050	08/11/2024	ND	2.02	101	2.00	1.84	
Total Xylenes*	<0.150	0.150	08/11/2024	ND	5.98	99.7	6.00	1.55	
Total BTEX	<0.300	0.300	08/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/12/2024	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	08/10/2024	ND	218	109	200	9.55	
DRO >C10-C28*	<10.0	10.0	08/10/2024	ND	219	109	200	9.67	
EXT DRO >C28-C36	<10.0	10.0	08/10/2024	ND					
Surrogate: 1-Chlorooctane	90.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 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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Celeg D. Freene

9:57:03 AM

Received by OCD: 11/5/2024

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ompany Name:	: Etech Environmental & Safety Soluti	ons, I	nc.			- 10	BI	LL TO					ANALY	SIS RE	EQUEST	
roject Manager	r: Lance Crenshaw					P.0	D. #:									
ddress: 261	7 West Marland					Co	mpany:	Mewt	oourne							
ity: Hobbs	State: NM	Zip:	882	40		Att	n:	Connor Wa	alker							
hone #: (575	5) 264-9884 Fax #:					Ad	dress:									
roject #: 208	82 Project Owner		Mew	bourne	е	Cit	y:				=	a a				
roject Name:	Delaware Ranch B1BO Flow Line					Sta	ate:	Zip:		de	151	21				
roject Location	1: 32.052213, -104.055798					Ph	one #:			Chloride	(8015M)	BTEX (8021B)				
ampler Name:	Aaron Rios					Fa	x #:			등	тРН (	X			1 1 1	
Lab I.D. 1344807	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS GROUNDWATER	WASTEWATER	OIL	SLUDGE OTHER:	ACID/BASE: ICE / COOL OTHER:	DATE	TIME			Φ				
	FL 43 @ 4'	С	1	Х	1		X	8/8/24		Х	Х	Х				
7	FL 44 @ 4'	С	1	X	1 1		X	8/8/24		Х	Х	X				
	FL 45 @ 4'	С	1	X			Х	8/8/24		Х	Х	Х				
	FL 46 @ 4'	C	1	X		-	X	8/8/24		Х	Х	X	-	-		1
	FL 47 @ 4'	C	1	X	1	-	X	8/8/24		X	Х	X	-	-		1
	FL 48 @ 4'	C	1	X	_		X	8/8/24		X	X	X	+	-		1
	FL 49 @ 4' FL 50 @ 4'	C	1	X	_		X	8/8/24		X	X	X	+	-	+	+
2	FL 50 @ 4'	c	4	X	$\Box$		X	8/8/24		X	X	X				+
	120164	10		Λ.	1	- 1 -	A	0/0/24		X	X	X	- 1 1			

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: 8-2 L Rec	eived By:		Verbal Result: ☐ Y All Results are emailed		de Ema	'I Phone #: ail address: techenv.com
Belinguished By:	Date: Rec	eived 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

9:57:03 AM

Received by OCD: 11/5/2024

Page 48 of 51



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	Etech Environmental & Safety Solution	ons,	Inc.				$\neg$			BII	LL TO					ANALYSIS REQUEST
Project Manage	r: Lance Crenshaw						- /	P.O. #	<b>#</b> ::							
Address: 261	7 West Marland							Comp	any	:	Mewb	ourne	1			
City: Hobbs	State: NM	Zip	:	8824	0		,	ttn:			Connor Wal	ker				
Phone #: (57	5) 264-9884 Fax #:							ddre	ess:							
Project #: 208	882 Project Owner			Mewbo	urne	9		City:					1		m l	
Project Name:	Delaware Ranch B1BO Flow Line						- 1	tate:			Zip:		e	(8015M)	(8021B)	
	n: 32.052213, -104.055798						F	hone	e #:				Chloride	301	80	
Sampler Name:							F	ax#	:				Ě	I	×	
FOR LAB USE ONLY		1	Г		MA	(IRI		PR	RESE	RV.	SAMP	LING	10	TPH	ВТЕХ	
Lab I.D. H244807	Lab I.D. Sample I.D.		# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME				
	FL 53 @ 5'	С	1	<u></u>	Х				Х		8/8/24		Х	Х	Х	
13	FL 54 @ 4'	С	1		Х				Х		8/8/24		Х	X	X	
	FL 55 @ 4'	С	1		Х			1	Х		8/8/24		Х	Х	Х	
	FL 56 @ 4'	С	1		X				X		8/8/24		Х	X	Х	
	FL 57 @ 4'	С	1		Х				Х		8/8/24		Х	Х	X	
	FL 58 @ 4'	С	1		X				Х		8/8/24		X	X	X	
17	FL 59 @ 4'	С	1		X				Х		8/8/24		Х	Х	X	
	FL 60 @ 4'	С	1		Х				Х		8/8/24		Х	Х	х	
19	FL 61 @ 3'	С	1		Х				Х		8/8/24		Х	Х	х	
20	FL 62 @ 3'	С	1		Х				Х		8/8/24		Х	Х	X	

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Relinquished By:	Pate: 8-8-24 Time: 50 5	Received By:		Verbal Result: Y All Results are emailed		de Ema	I Phone #: ail address: techenv.com
Kelinquished By:	Date: Time:	Received By:		REMARKS:			,
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C	Sample Condition Cool Intact Section No No	CHECKED BY: (Initials)	Turnaround Time: Thermometer ID #140 Correction Factor -0.6°C	Standard Rush	NO.	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C

Received by OCD: 11/5/2024 9:57:03 AM

Page 49 of 51

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	Etech Environmental & Safety Solution	ons,	Inc.				- 3			BI	LL TO					ANALYSIS	REQUES	ST T	
Project Manage	r: Lance Crenshaw						P	.0.#	÷										
Address: 261	7 West Marland						С	omp	any:		Mewb	ourne							
City: Hobbs	State: NM	Zip	:	88240	)		Α	ttn:			Connor Wa	lker							
Phone #: (57	5) 264-9884 Fax #:						A	ddre	ss:										
Project #: 208	Project Owner			Mewbo	urne		c	ity:						=	<u>@</u>				
Project Name:	Delaware Ranch B1BO Flow Line						s	tate:			Zip:		e e	51	211				
Project Location	n: 32.052213, -104.055798						P	hone	#:				Chloride	(8015M)	(8021B)				
Sampler Name:	Aaron Rios						F	ax #:					듯		втех				
FOR LAB USE ONLY		,	Γ		MAT	RIX		PR	ESE	RV.	SAMP	LING	1	TPH	3TE				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME							
21	FL 63 @ 4'	С	1		Х				Х		8/8/24		Х	Х	Х				
21 23 24 25	FL 64 @ 4'	С	1		Х				Х		8/8/24		Х	Х	Х				
23	FL 65 @ 4'	С	1		Х				Х		8/8/24		Х	Х	Х				
24	FL 66 @ 4'	С	1		Х				X		8/8/24		Х	X	X				
25	FL 67 @ 5'	С	1		Χ	_	1		X		8/8/24		Х	X	X				
24	FL 68 @ 5'	С	1		Χ		1		Х		8/8/24		Х	Х	X				
27	FL 69 @ 4'	С	1		Х				X		8/8/24		Х	Х	Х				
347 37 37 30	FL 70 @ 4'	С	1		Х				X		8/8/24		Х	Х	Х				
29	FL 71 @ 4'	С	1		Х				Х		8/8/24		Х	Х	X				
30	FL 72 @ 4'	С	1		Х				Х		8/8/24		Х	Х	X				

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Relinquistree By.	Date: 8.8.24 Time: ) 50.5	Received By:		Verbal Result:		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 Section No No	CHECKED BY: (Initials)	Turnaround Time;  Thermometer ID #140 Correction Factor -0.6°C	Standard Rush	8	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C

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

FORM-006 R 3.5 08/05/24

Released to Imaging: 12/13/2024 8:38:14 AM



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	: Etech Environmental & Safety Soluti	ons,	Inc.						BI	LL TO					ANALYSIS	REQUEST	
Project Manager	r: Lance Crenshaw						P	.0.#									
Address: 261	7 West Marland						С	omp	any:	Mewb	ourne	1					
City: Hobbs	State: NM	Zip	:	8824	0		А	ttn:		Connor Wa	lker	1					
Phone #: (575	5) 264-9884 Fax #:						A	ddre	ss:			1					
Project #: 208	82 Project Owner	:	٨	lewbo	urne		С	ity:				1	_	m l			
	Delaware Ranch B1BO Flow Line							tate:		Zip:		0	5M)	(8021B)			
	n: 32.052213, -104.055798						P	hone				Chloride	(801	80			
Sampler Name:	Aaron Rios						-	ax #:				Ĕ	=	×			
FOR LAB USE ONLY		Т	П		MAT	RIX		_	ESERV.	SAMP	LING	10	TPH	ВТЕХ			
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE OTHER	ACID/BASE:	ICE / COOL OTHER:	DATE	TIME							
O TOWN THE WAY TO THE WAY TO THE WAY TO THE WAY THE WAY TO THE WAY THE WAY TO	FL 73 @ 4'	С	1		Х				Х	8/8/24		Х	Х	X			
32	FL 74 @ 4'	С	1		Х				X	8/8/24		X	Х	X			
33	FL 75 @ 4'	С	1		Х				Х	8/8/24		Х	Х	х			
34	FL 76 @ 4'	C	1		X				Х	8/8/24		X	X	X			
35	FL 77 @ 4'	C	1		X				Х	8/8/24		X	X	Х			
36	FL 78 @ 4'	C	1		X				Х	8/8/24		Х	Х	X			
37	FL 79 @ 4'	C	1		Х				Х	8/8/24		Х	Х	х			
38	FL 80 @ 4'	С	1		Х				х	8/8/24		Х	Х	X			
39	FL 81 @ 4'	C	1		Х				Х	8/8/24		Х	Х	X			
40	FL 82 @ 4'	C	1		Х				Х	8/8/24		Х	Х	X			

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Relinquished By:	Date: 8-24 Time: 505	Received By:		Verbal Result:		de Em	'I Phone #: ail address: techenv.com
Relinquished By:	Date:	Received By:		REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C	O Cool Intact	CHECKED BY: (Initials)	Turnaround Time: Thermometer ID #140 Correction Factor -0.6°C	Standard Rush	1	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C

Received by OCD: 11/5/2024

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

mpany Name	Etech Environmental & Safety Solu	tions,	Inc.						BIL	LL TO		T			ANALYSI	S REQU	JEST		
oject Manage	r: Lance Crenshaw						P.O.	#:											
dress: 261	7 West Marland						Com	pany		Mewt	ourne	1						1 1	
y: Hobbs	State: NM	Zip	):	88240			Attn	:-		Connor Wa	lker								
one #: (57	5) 264-9884 Fax #:						Add	ress:								4 1			
ject #: 208	Project Owner	er:		Mewbour	ne		City:						=	m l					
oject Name:	Delaware Ranch B1BO Flow Line						State	e:		Zip:		de	TPH (8015M)	(8021B)					
oject Location	n: 32.052213, -104.055798						Pho	ne #:				Chloride	80	(80	1 1				
mpler Name:	Aaron Ríos	_	_		ATRI		Fax	#: RESE	_	SAME		등	I	ВТЕХ					
_ab I.D. 244807	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER	OIL	SLUDGE	OTHER:	ICE / COOL	OTHER:	DATE	TIME								
41	FL 83 @ 4'	С	1	)	(			Х		8/8/24		X	Х	Х					$\neg$
402	FL 84 @ 4'	С	1		(			Х	-	8/8/24		Х	Х	X					
112274	FL 85 @ 4'	С	1		(	+	-	Х	$\perp$	8/8/24		Х	Х	Х					
-17	EW 2	С	1		(	+	-	X	+	8/8/24		Х	X	Х		++			1
									1							++			+
																+ +			-

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 performance of services hereunder by Cardinal, regardless of whether such claim is based

Relinquistred By:	7-4-24 Time: 505 Q	Paus		Verbal Result:   Yerbal Results are emailed	. Please provi	de Em	'I Phone #: ail address: techenv.com
Relinquished By:	Date: Rece	eived 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 -0.5°C	Standard Rush		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C



August 15, 2024

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

RE: DELAWARE RANCH B1BO FLOW LINE

Enclosed are the results of analyses for samples received by the laboratory on 08/09/24 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 86 @ 4' (H244831-01)

BTEX 8021B

	9,	9							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	1.86	93.0	2.00	12.5	
Toluene*	<0.050	0.050	08/13/2024	ND	1.84	92.0	2.00	12.2	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	1.87	93.7	2.00	12.4	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	5.49	91.5	6.00	12.5	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.7	% 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	1060	16.0	08/13/2024	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	08/12/2024	ND	207	104	200	3.13	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	212	106	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					
Surrogate: 1-Chlorooctane	89.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 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

Analyzed By: JH

Fax To:

Received: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 87 @ 4' (H244831-02)

BTEX 8021B

DILX GOZID	mg/	ng .	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	1.86	93.0	2.00	12.5	
Toluene*	<0.050	0.050	08/13/2024	ND	1.84	92.0	2.00	12.2	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	1.87	93.7	2.00	12.4	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	5.49	91.5	6.00	12.5	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 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	5760	16.0	08/13/2024	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/12/2024	ND	207	104	200	3.13	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	212	106	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					
Surrogate: 1-Chlorooctane	98.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

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Celeg & Freene



#### Analytical Results For:

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

Fax To:

Received: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 88 @ 4' (H244831-03)

BTEX 8021B

				-					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	1.86	93.0	2.00	12.5	
Toluene*	<0.050	0.050	08/13/2024	ND	1.84	92.0	2.00	12.2	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	1.87	93.7	2.00	12.4	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	5.49	91.5	6.00	12.5	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.4	% 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	224	16.0	08/13/2024	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/12/2024	ND	207	104	200	3.13	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	212	106	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					
Surrogate: 1-Chlorooctane	95.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: Sampling Type: Soil 08/15/2024

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 89 @ 4' (H244831-04)

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	08/13/2024	ND	1.86	93.0	2.00	12.5	
Toluene*	<0.050	0.050	08/13/2024	ND	1.84	92.0	2.00	12.2	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	1.87	93.7	2.00	12.4	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	5.49	91.5	6.00	12.5	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.4	% 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	5760	16.0	08/13/2024	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	207	104	200	3.13	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	212	106	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	97.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 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: JH

Fax To:

Received: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

## Sample ID: FL 90 @ 4' (H244831-05)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	1.86	93.0	2.00	12.5	
Toluene*	<0.050	0.050	08/13/2024	ND	1.84	92.0	2.00	12.2	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	1.87	93.7	2.00	12.4	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	5.49	91.5	6.00	12.5	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 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	4880	16.0	08/13/2024	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	08/13/2024	ND	207	104	200	3.13	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	212	106	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	87.1	% 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

## Sample ID: FL 91 @ 4' (H244831-06)

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	08/13/2024	ND	2.12	106	2.00	0.420	
Toluene*	<0.050	0.050	08/13/2024	ND	2.21	110	2.00	0.838	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.26	113	2.00	1.66	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.96	116	6.00	1.41	
Total BTEX	<0.300	0.300	08/13/2024	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	2720	16.0	08/13/2024	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	08/13/2024	ND	207	104	200	3.13	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	212	106	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	96.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

## Sample ID: FL 92 @ 4' (H244831-07)

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	08/13/2024	ND	2.12	106	2.00	0.420	
Toluene*	<0.050	0.050	08/13/2024	ND	2.21	110	2.00	0.838	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.26	113	2.00	1.66	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.96	116	6.00	1.41	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	2840	16.0	08/13/2024	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	08/13/2024	ND	207	104	200	3.13	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	212	106	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	89.5	% 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 93 @ 4' (H244831-08)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	2.12	106	2.00	0.420	
Toluene*	<0.050	0.050	08/13/2024	ND	2.21	110	2.00	0.838	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.26	113	2.00	1.66	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.96	116	6.00	1.41	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 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	4720	16.0	08/13/2024	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	08/13/2024	ND	207	104	200	3.13	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	212	106	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	94.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

## Sample ID: FL 94 @ 4' (H244831-09)

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	08/13/2024	ND	2.12	106	2.00	0.420	
Toluene*	<0.050	0.050	08/13/2024	ND	2.21	110	2.00	0.838	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.26	113	2.00	1.66	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.96	116	6.00	1.41	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 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	5520	16.0	08/13/2024	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	08/12/2024	ND	240	120	200	0.781	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	225	112	200	0.448	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					
Surrogate: 1-Chlorooctane	99.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

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Cool & Intact

Alyssa Parras

Sampling Condition:

Sample Received By:

## Analytical Results For:

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

Fax To:

Received: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE
Project Number: 20882

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 95 @ 4' (H244831-10)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	2.12	106	2.00	0.420	
Toluene*	<0.050	0.050	08/13/2024	ND	2.21	110	2.00	0.838	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.26	113	2.00	1.66	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.96	116	6.00	1.41	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 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	7760	16.0	08/13/2024	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	08/12/2024	ND	240	120	200	0.781	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	225	112	200	0.448	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					
Surrogate: 1-Chlorooctane	81.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.1	% 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 96 @ 4' (H244831-11)

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	08/13/2024	ND	2.12	106	2.00	0.420	
Toluene*	<0.050	0.050	08/13/2024	ND	2.21	110	2.00	0.838	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.26	113	2.00	1.66	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.96	116	6.00	1.41	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	1260	16.0	08/13/2024	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	08/12/2024	ND	240	120	200	0.781	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	225	112	200	0.448	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					
Surrogate: 1-Chlorooctane	106	% 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:

Received: 08/09/2024 Sampling Date: 08/09/2024

Reported: Sampling Type: Soil 08/15/2024

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 20882 Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 97 @ 4' (H244831-12)

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	08/13/2024	ND	2.12	106	2.00	0.420	
Toluene*	<0.050	0.050	08/13/2024	ND	2.21	110	2.00	0.838	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.26	113	2.00	1.66	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.96	116	6.00	1.41	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	6 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	1220	16.0	08/13/2024	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	08/12/2024	ND	240	120	200	0.781	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	225	112	200	0.448	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					
Surrogate: 1-Chlorooctane	108 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	131	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: 08/09/2024 Sampling Date: 08/09/2024

Reported: Sampling Type: Soil 08/15/2024

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 20882 Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 98 @ 4' (H244831-13)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	2.12	106	2.00	0.420	
Toluene*	<0.050	0.050	08/13/2024	ND	2.21	110	2.00	0.838	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.26	113	2.00	1.66	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.96	116	6.00	1.41	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 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	688	16.0	08/13/2024	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	08/12/2024	ND	240	120	200	0.781	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	225	112	200	0.448	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					
Surrogate: 1-Chlorooctane	99.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 99 @ 4' (H244831-14)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	2.12	106	2.00	0.420	
Toluene*	<0.050	0.050	08/13/2024	ND	2.21	110	2.00	0.838	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.26	113	2.00	1.66	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.96	116	6.00	1.41	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	6 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	64.0	16.0	08/13/2024	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	08/12/2024	ND	240	120	200	0.781	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	225	112	200	0.448	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					
Surrogate: 1-Chlorooctane	104 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 20882 Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 100 @ 4' (H244831-15)

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	08/13/2024	ND	2.12	106	2.00	0.420	
Toluene*	<0.050	0.050	08/13/2024	ND	2.21	110	2.00	0.838	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.26	113	2.00	1.66	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.96	116	6.00	1.41	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 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	1070	16.0	08/13/2024	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	08/12/2024	ND	240	120	200	0.781	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	225	112	200	0.448	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					
Surrogate: 1-Chlorooctane	97.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 101 @ 4' (H244831-16)

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	08/13/2024	ND	2.12	106	2.00	0.420	
Toluene*	<0.050	0.050	08/13/2024	ND	2.21	110	2.00	0.838	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.26	113	2.00	1.66	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.96	116	6.00	1.41	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	08/13/2024	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	08/12/2024	ND	240	120	200	0.781	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	225	112	200	0.448	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122 9	% 49.1-14	8						

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Cool & Intact

Alyssa Parras

Sampling Condition:

Sample Received By:

## Analytical Results For:

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

Fax To:

Received: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE
Project Number: 20882

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 102 @ 4' (H244831-17)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	2.12	106	2.00	0.420	
Toluene*	<0.050	0.050	08/13/2024	ND	2.21	110	2.00	0.838	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.26	113	2.00	1.66	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.96	116	6.00	1.41	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	8080	16.0	08/13/2024	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	08/13/2024	ND	240	120	200	0.781	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	225	112	200	0.448	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	104	% 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:

Received: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 103 @ 4' (H244831-18)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	2.12	106	2.00	0.420	
Toluene*	<0.050	0.050	08/13/2024	ND	2.21	110	2.00	0.838	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.26	113	2.00	1.66	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.96	116	6.00	1.41	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	08/13/2024	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	08/13/2024	ND	240	120	200	0.781	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	225	112	200	0.448	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	91.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 104 @ 4' (H244831-19)

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	08/13/2024	ND	2.12	106	2.00	0.420	
Toluene*	<0.050	0.050	08/13/2024	ND	2.21	110	2.00	0.838	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.26	113	2.00	1.66	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.96	116	6.00	1.41	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 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	320	16.0	08/13/2024	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	08/13/2024	ND	240	120	200	0.781	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	225	112	200	0.448	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	97.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 20882 Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 105 @ 4' (H244831-20)

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	08/13/2024	ND	2.12	106	2.00	0.420	
Toluene*	<0.050	0.050	08/13/2024	ND	2.21	110	2.00	0.838	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.26	113	2.00	1.66	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.96	116	6.00	1.41	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2560	16.0	08/13/2024	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	08/13/2024	ND	240	120	200	0.781	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	225	112	200	0.448	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	80.9	% 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

Applyzod By: 14

Fax To:

Received: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 106 @ 4' (H244831-21)

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	08/13/2024	ND	2.12	106	2.00	0.420	
Toluene*	<0.050	0.050	08/13/2024	ND	2.21	110	2.00	0.838	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.26	113	2.00	1.66	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.96	116	6.00	1.41	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	3160	16.0	08/13/2024	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	08/13/2024	ND	240	120	200	0.781	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	225	112	200	0.448	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	101	% 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

Applyzod By: 14

Fax To:

Received: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 107 @ 4' (H244831-22)

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	08/13/2024	ND	2.12	106	2.00	0.420	
Toluene*	<0.050	0.050	08/13/2024	ND	2.21	110	2.00	0.838	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.26	113	2.00	1.66	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.96	116	6.00	1.41	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/13/2024	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	08/13/2024	ND	240	120	200	0.781	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	225	112	200	0.448	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	77.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.1	% 49.1-14	8						

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: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 108 @ 4' (H244831-23)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	2.12	106	2.00	0.420	
Toluene*	<0.050	0.050	08/13/2024	ND	2.21	110	2.00	0.838	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.26	113	2.00	1.66	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.96	116	6.00	1.41	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	08/13/2024	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	08/13/2024	ND	240	120	200	0.781	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	225	112	200	0.448	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	83.4	% 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 109 @ 5' (H244831-24)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	2.12	106	2.00	0.420	
Toluene*	<0.050	0.050	08/13/2024	ND	2.21	110	2.00	0.838	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.26	113	2.00	1.66	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.96	116	6.00	1.41	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9200	16.0	08/13/2024	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	08/13/2024	ND	240	120	200	0.781	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	225	112	200	0.448	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	86.0	% 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

Applyzod By: 14

Fax To:

Received: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 110 @ 5' (H244831-25)

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	08/13/2024	ND	2.12	106	2.00	0.420	
Toluene*	<0.050	0.050	08/13/2024	ND	2.21	110	2.00	0.838	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.26	113	2.00	1.66	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.96	116	6.00	1.41	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	6080	16.0	08/13/2024	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	08/13/2024	ND	240	120	200	0.781	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	225	112	200	0.448	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	129	% 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 111 @ 4' (H244831-26)

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	08/13/2024	ND	2.09	105	2.00	0.434	
Toluene*	<0.050	0.050	08/13/2024	ND	2.15	108	2.00	1.04	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.20	110	2.00	1.15	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.77	113	6.00	1.75	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 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	9360	16.0	08/13/2024	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	08/13/2024	ND	240	120	200	0.781	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	225	112	200	0.448	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	98.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

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## Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 112 @ 4' (H244831-27)

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	08/13/2024	ND	2.09	105	2.00	0.434	
Toluene*	<0.050	0.050	08/13/2024	ND	2.15	108	2.00	1.04	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.20	110	2.00	1.15	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.77	113	6.00	1.75	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	10400	16.0	08/13/2024	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	08/13/2024	ND	240	120	200	0.781	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	225	112	200	0.448	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	106	% 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 113 @ 4' (H244831-28)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	2.09	105	2.00	0.434	
Toluene*	<0.050	0.050	08/13/2024	ND	2.15	108	2.00	1.04	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.20	110	2.00	1.15	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.77	113	6.00	1.75	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7440	16.0	08/13/2024	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	08/13/2024	ND	240	120	200	0.781	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	225	112	200	0.448	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 114 @ 4' (H244831-29)

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	08/13/2024	ND	2.09	105	2.00	0.434	
Toluene*	<0.050	0.050	08/13/2024	ND	2.15	108	2.00	1.04	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.20	110	2.00	1.15	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.77	113	6.00	1.75	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	544	16.0	08/13/2024	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	08/12/2024	ND	200	100	200	2.45	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	198	99.2	200	0.155	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					
Surrogate: 1-Chlorooctane	112	% 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 115 @ 4' (H244831-30)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	2.09	105	2.00	0.434	
Toluene*	<0.050	0.050	08/13/2024	ND	2.15	108	2.00	1.04	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.20	110	2.00	1.15	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.77	113	6.00	1.75	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	08/13/2024	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	08/13/2024	ND	200	100	200	2.45	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.155	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	93.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.2	% 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 116 @ 4' (H244831-31)

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	08/13/2024	ND	2.09	105	2.00	0.434	
Toluene*	<0.050	0.050	08/13/2024	ND	2.15	108	2.00	1.04	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.20	110	2.00	1.15	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.77	113	6.00	1.75	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 %	6 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	7120	16.0	08/13/2024	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	08/13/2024	ND	200	100	200	2.45	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.155	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	112 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 %	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: 08/09/2024 Sampling Date: 08/09/2024

Reported: Sampling Type: Soil 08/15/2024

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 117 @ 4' (H244831-32)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	2.09	105	2.00	0.434	
Toluene*	<0.050	0.050	08/13/2024	ND	2.15	108	2.00	1.04	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.20	110	2.00	1.15	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.77	113	6.00	1.75	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 %	% 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	3840	16.0	08/13/2024	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	08/13/2024	ND	200	100	200	2.45	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.155	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	126 %	% 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:

Applyzod By: 14

Received: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 118 @ 4' (H244831-33)

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	08/13/2024	ND	2.09	105	2.00	0.434	
Toluene*	<0.050	0.050	08/13/2024	ND	2.15	108	2.00	1.04	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.20	110	2.00	1.15	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.77	113	6.00	1.75	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 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	4400	16.0	08/13/2024	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	08/13/2024	ND	200	100	200	2.45	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.155	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	129	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	129	% 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: Sample Received By: 20882 Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 119 @ 4' (H244831-34)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	2.09	105	2.00	0.434	
Toluene*	<0.050	0.050	08/13/2024	ND	2.15	108	2.00	1.04	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.20	110	2.00	1.15	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.77	113	6.00	1.75	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 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	768	16.0	08/13/2024	ND	432	108	400	3.64	QM-07
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	200	100	200	2.45	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.155	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	115 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 120 @ 4' (H244831-35)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	2.09	105	2.00	0.434	
Toluene*	<0.050	0.050	08/13/2024	ND	2.15	108	2.00	1.04	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.20	110	2.00	1.15	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.77	113	6.00	1.75	
Total BTEX	<0.300	0.300	08/13/2024	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	7360	16.0	08/13/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	200	100	200	2.45	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.155	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	124 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 121 @ 4' (H244831-36)

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	08/13/2024	ND	2.09	105	2.00	0.434	
Toluene*	<0.050	0.050	08/13/2024	ND	2.15	108	2.00	1.04	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.20	110	2.00	1.15	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.77	113	6.00	1.75	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 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	4160	16.0	08/13/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	200	100	200	2.45	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.155	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	128	% 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:

Received: 08/09/2024 Sampling Date: 08/09/2024

Reported: Sampling Type: Soil 08/15/2024

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 122 @ 4' (H244831-37)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	2.09	105	2.00	0.434	
Toluene*	<0.050	0.050	08/13/2024	ND	2.15	108	2.00	1.04	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.20	110	2.00	1.15	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.77	113	6.00	1.75	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	08/13/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	200	100	200	2.45	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.155	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	124 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: Sampling Type: Soil 08/15/2024

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 20882 Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 123 @ 4' (H244831-38)

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	08/13/2024	ND	2.09	105	2.00	0.434	
Toluene*	<0.050	0.050	08/13/2024	ND	2.15	108	2.00	1.04	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.20	110	2.00	1.15	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.77	113	6.00	1.75	
Total BTEX	<0.300	0.300	08/13/2024	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	128	16.0	08/13/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	200	100	200	2.45	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.155	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	125 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123 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:

Analyzed By: JH

Received: 08/09/2024 Reported: 08/15/2024 Sampling Date: 08/09/2024

Sampling Type: Soil

Project Name:

BTEX 8021B

08/15/2024 DELAWARE RANCH B1BO FLOW LINE

Sampling Condition: Cool & Intact

Project Number:

20882

Sample Received By:

Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

## Sample ID: FL 124 @ 4' (H244831-39)

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	2.09	105	2.00	0.434	
Toluene*	<0.050	0.050	08/13/2024	ND	2.15	108	2.00	1.04	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.20	110	2.00	1.15	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.77	113	6.00	1.75	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 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	848	16.0	08/13/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	200	100	200	2.45	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.155	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	125	% 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 125 @ 4' (H244831-40)

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	08/13/2024	ND	2.09	105	2.00	0.434	
Toluene*	<0.050	0.050	08/13/2024	ND	2.15	108	2.00	1.04	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.20	110	2.00	1.15	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.77	113	6.00	1.75	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 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	944	16.0	08/13/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	200	100	200	2.45	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.155	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	115 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: Sample Received By: 20882 Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

# Sample ID: FL 126 @ 4' (H244831-41)

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	08/13/2024	ND	2.09	105	2.00	0.434	
Toluene*	<0.050	0.050	08/13/2024	ND	2.15	108	2.00	1.04	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.20	110	2.00	1.15	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.77	113	6.00	1.75	
Total BTEX	<0.300	0.300	08/13/2024	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	2640	16.0	08/13/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	200	100	200	2.45	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.155	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	119 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120 9	% 49.1-14	8						

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# Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

# Sample ID: FL 127 @ 4' (H244831-42)

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	08/13/2024	ND	2.09	105	2.00	0.434	
Toluene*	<0.050	0.050	08/13/2024	ND	2.15	108	2.00	1.04	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.20	110	2.00	1.15	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.77	113	6.00	1.75	
Total BTEX	<0.300	0.300	08/13/2024	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	32.0	16.0	08/13/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	200	100	200	2.45	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.155	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	127	% 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

# Sample ID: FL 128 @ 4' (H244831-43)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	2.09	105	2.00	0.434	
Toluene*	<0.050	0.050	08/13/2024	ND	2.15	108	2.00	1.04	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.20	110	2.00	1.15	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.77	113	6.00	1.75	
Total BTEX	<0.300	0.300	08/13/2024	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	32.0	16.0	08/13/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	200	100	200	2.45	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.155	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	118 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

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# Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

# Sample ID: FL 129 @ 4' (H244831-44)

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	08/13/2024	ND	2.09	105	2.00	0.434	
Toluene*	<0.050	0.050	08/13/2024	ND	2.15	108	2.00	1.04	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.20	110	2.00	1.15	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.77	113	6.00	1.75	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 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	688	16.0	08/13/2024	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	200	100	200	2.45	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.155	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	130	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130	% 49.1-14	8						

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# Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

# Sample ID: FL 130 @ 4' (H244831-45)

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	08/13/2024	ND	2.09	105	2.00	0.434	
Toluene*	<0.050	0.050	08/13/2024	ND	2.15	108	2.00	1.04	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.20	110	2.00	1.15	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.77	113	6.00	1.75	
Total BTEX	<0.300	0.300	08/13/2024	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	336	16.0	08/13/2024	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	200	100	200	2.45	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.155	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	129	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130	% 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 20882 Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 131 @ 4' (H244831-46)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	1.98	99.2	2.00	0.853	
Toluene*	<0.050	0.050	08/13/2024	ND	1.94	96.8	2.00	1.43	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.06	103	2.00	1.47	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.07	101	6.00	1.43	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 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	11600	16.0	08/13/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	200	100	200	2.45	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.155	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	73.7 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.2 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: 08/09/2024 Sampling Date: 08/09/2024

Reported: Sampling Type: Soil 08/15/2024

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

# Sample ID: FL 132 @ 4' (H244831-47)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	1.98	99.2	2.00	0.853	
Toluene*	<0.050	0.050	08/13/2024	ND	1.94	96.8	2.00	1.43	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.06	103	2.00	1.47	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.07	101	6.00	1.43	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 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	3280	16.0	08/13/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	200	100	200	2.45	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.155	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	131 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	131 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

Analyzed By: JH

Fax To:

Received: 08/09/2024 Sampling Date: 08/09/2024

Reported: 08/15/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

# Sample ID: SW 5 (H244831-48)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2024	ND	1.98	99.2	2.00	0.853	
Toluene*	<0.050	0.050	08/13/2024	ND	1.94	96.8	2.00	1.43	
Ethylbenzene*	<0.050	0.050	08/13/2024	ND	2.06	103	2.00	1.47	
Total Xylenes*	<0.150	0.150	08/13/2024	ND	6.07	101	6.00	1.43	
Total BTEX	<0.300	0.300	08/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 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	08/13/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2024	ND	200	100	200	2.45	
DRO >C10-C28*	<10.0	10.0	08/13/2024	ND	198	99.2	200	0.155	
EXT DRO >C28-C36	<10.0	10.0	08/13/2024	ND					
Surrogate: 1-Chlorooctane	121	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 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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Celey D. Keene



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ect Name: Delaware Ranch B1BO Flow Line	er:		Mewb	ourne		City	r:					-	m						
ect Location: 32.052213, -104.055798						Stat	te:	- 7	Zip:		e e	(8015M)	(8021B)						
pler Name: Aaron Rios						Pho	ne #:				ori.	801	8						
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44483/	(G)RAB	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	CE / COOL	OTHER:	DATE	TIME									
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FL 87 @ 4'	С	1		X			X		8/9/24		X	X	X	+	1		_		
1200 @ 1	С	1		Х			Х		8/9/24		x	X	X	-	+	+	-	+	
FL 89 @ 4' FL 90 @ 4'	С	1		X			X		8/9/24		X	X	X		+ +	-	-	+	-
FL 91 @ 4'	С	1	+	X			X		8/9/24		х	х	X			-	+	+++	-
FL 92 @ 4'	C	1	+	X		-	X		8/9/24		Х	X	X					+	+
8 FL 93 @ 4'	C	1		X		+	X		8/9/24		Х	Х	X					1	$\rightarrow$
FL 94 @ 4'	С	1		X	H	+	X		8/9/24		X	X	Х						
FL 95 @ 4'		1				1	X	_	8/9/24		X	X	X						
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uished By: Date:	Rec	eive	d By:	16	0								1	om@ete	chenv.cor	n			
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Delivered By: (Circle One)	Time: Observed Temp °C	Complete Complete	REMARKS:		
Sampler - UPS - Bus - Other:	Corrected Temp °C	Sample Condition Cool Intact  Yes No No	CHECKED BY: (Initials)  Thermometer ID #140 Correction Factor -0.6°C		Bacteria (only) Sample Condition  Cool Intact Observed Temp. °C  ☐ Yes ☐ Yes
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-	FL 109 @ 5'	C	1		X	-		1	Х		8/9/24		X	X	X	-	-	+	+	$\vdash$		
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	FL 113 @ 4'	C	1		X			1	X	1	8/9/24		Х	X	х			1			-	$\dashv$
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26	FL 119 @ 4' FL 120 @ 4'	С	1		X			X		8/9/24		X	X	X		-		-	-	-	-		
30	FL 121 @ 4'	С	1		X			X		8/9/24		X	X	X					-	-	-		
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41	FL 126 @ 4'	С	1		X		0)		X		8/9/24	TIME										
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11 3	FL 129 @ 4' FL 130 @ 4'	С	1		X				X		8/9/24		x	X	X	+	-	-	+			
111	FL 131 @ 4'	C	1		X				X		8/9/24		X	X	X	+	-	+	-	-		
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affiliates or successors arising out of or related to the perform  Relinquished By:	Date: Rece	red unless made in writing and received tation, business interruptions, loss of us tridiess of whether such claim is based un prived By:	pon any of the above stated re-	Verbal Result:	es 🗆 No	Add'l Phone #:
Relinquished By:	Time: O	Paulos eived By:		All Results are emailed	Please provi	de Email address: om@etechenv.com
	Time:	erved by.		REMARKS:		
Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	OUT			
Sampler - LIPS Pro Ott	Corrected Temp. °C	Cool Intact  Tyes Tyes	CHECKED BY: (Initials)	Turnaround Time:	Standard Rush	Bacteria (only) Sample Condition
FORM-006 R 3.5 08/05/24	-9.70	No No	A	Thermometer ID #140 Correction Factor -0.6°C lail changes to celev.ke		Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C



August 20, 2024

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

RE: DELAWARE RANCH B1BO FLOW LINE

Enclosed are the results of analyses for samples received by the laboratory on 08/14/24 14:56.

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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

# Sample ID: FL 133 @ 4' (H244926-01)

BTEX 8021B

BIEX 0021B	ilig	ky	Allalyze	и ву: эп					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	1.97	98.4	2.00	4.22	
Toluene*	<0.050	0.050	08/15/2024	ND	1.98	98.8	2.00	4.55	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.03	101	2.00	4.52	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.00	100	6.00	5.13	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.0	% 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	640	16.0	08/15/2024	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	08/15/2024	ND	199	99.6	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	200	99.9	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	95.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 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: 08/14/2024

Sampling Date: 08/14/2024

Reported: 08/20/2024
Project Name: DELAWARE RANCH B1BO FLOW LINE

Sampling Type: Soil

Project Number: 20882

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

Project Location: MEWBOURNE 32.052213-104.055798

Sample ID: FL 134 @ 4' (H244926-02)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	1.97	98.4	2.00	4.22	
Toluene*	<0.050	0.050	08/15/2024	ND	1.98	98.8	2.00	4.55	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.03	101	2.00	4.52	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.00	100	6.00	5.13	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 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	8560	16.0	08/15/2024	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	08/15/2024	ND	199	99.6	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	200	99.9	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

# Sample ID: FL 135 @ 4' (H244926-03)

BTEX 8021B

				-					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	1.97	98.4	2.00	4.22	
Toluene*	<0.050	0.050	08/15/2024	ND	1.98	98.8	2.00	4.55	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.03	101	2.00	4.52	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.00	100	6.00	5.13	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.2	% 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	3440	16.0	08/15/2024	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	08/15/2024	ND	199	99.6	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	200	99.9	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 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

Analyzed By: JH

Fax To:

Received: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

# Sample ID: FL 136 @ 4' (H244926-04)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	1.97	98.4	2.00	4.22	
Toluene*	<0.050	0.050	08/15/2024	ND	1.98	98.8	2.00	4.55	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.03	101	2.00	4.52	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.00	100	6.00	5.13	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.5	% 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	11000	16.0	08/15/2024	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	08/15/2024	ND	199	99.6	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	200	99.9	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	114 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	135 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

# Sample ID: FL 137 @ 4' (H244926-05)

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	08/15/2024	ND	1.97	98.4	2.00	4.22	
Toluene*	<0.050	0.050	08/15/2024	ND	1.98	98.8	2.00	4.55	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.03	101	2.00	4.52	
Total Xylenes*	< 0.150	0.150	08/15/2024	ND	6.00	100	6.00	5.13	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	08/16/2024	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	08/15/2024	ND	199	99.6	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	200	99.9	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	109 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

# Sample ID: FL 138 @ 4' (H244926-06)

BTEX 8021B

	91	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	1.97	98.4	2.00	4.22	
Toluene*	<0.050	0.050	08/15/2024	ND	1.98	98.8	2.00	4.55	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.03	101	2.00	4.52	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.00	100	6.00	5.13	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.2	% 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	5120	16.0	08/16/2024	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	08/15/2024	ND	199	99.6	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	200	99.9	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	114 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	135 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

# Sample ID: FL 139 @ 4' (H244926-07)

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	08/15/2024	ND	1.97	98.4	2.00	4.22	
Toluene*	<0.050	0.050	08/15/2024	ND	1.98	98.8	2.00	4.55	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.03	101	2.00	4.52	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.00	100	6.00	5.13	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.4	% 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	5840	16.0	08/16/2024	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	08/15/2024	ND	199	99.6	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	200	99.9	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	113 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	133 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

# Sample ID: FL 140 @ 4' (H244926-08)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	1.97	98.4	2.00	4.22	
Toluene*	<0.050	0.050	08/15/2024	ND	1.98	98.8	2.00	4.55	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.03	101	2.00	4.52	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.00	100	6.00	5.13	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 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	272	16.0	08/16/2024	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	08/15/2024	ND	199	99.6	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	200	99.9	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

# Sample ID: FL 141 @ 4' (H244926-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.08	104	2.00	8.12	
Toluene*	<0.050	0.050	08/15/2024	ND	1.99	99.6	2.00	7.75	
Ethylbenzene*	< 0.050	0.050	08/15/2024	ND	1.99	99.4	2.00	7.79	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	5.89	98.1	6.00	7.94	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.2 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	864	16.0	08/16/2024	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	08/15/2024	ND	199	99.6	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	200	99.9	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	108 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126 %	% 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

# Sample ID: FL 142 @ 4' (H244926-10)

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	08/15/2024	ND	2.02	101	2.00	9.72	
Toluene*	<0.050	0.050	08/15/2024	ND	1.93	96.6	2.00	9.21	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	8.39	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	5.99	99.9	6.00	8.62	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 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	960	16.0	08/16/2024	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	08/15/2024	ND	199	99.6	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	200	99.9	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123 9	% 49.1-14	8						

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Celey D. Keene



Cool & Intact

Alyssa Parras

# Analytical Results For:

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

Analyzed By: JH

Received: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition:
Project Number: 20882 Sample Received By:

Project Location: MEWBOURNE 32.052213-104.055798

# Sample ID: FL 143 @ 4' (H244926-11)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	9.72	
Toluene*	<0.050	0.050	08/15/2024	ND	1.93	96.6	2.00	9.21	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	8.39	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	5.99	99.9	6.00	8.62	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	08/16/2024	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	08/15/2024	ND	199	99.6	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	200	99.9	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	87.4	% 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:

Analyzed By: JH

Received: 08/14/2024

Sampling Date:

08/14/2024

Reported: Project Name: 08/20/2024

Sampling Type:

Soil

Project Name:

BTEX 8021B

DELAWARE RANCH B1BO FLOW LINE

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

Project Number: Project Location: 20882

MEWBOURNE 32.052213-104.055798

Sample ID: FL 144 @ 4' (H244926-12)

	<u> </u>			. ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	9.72	
Toluene*	<0.050	0.050	08/15/2024	ND	1.93	96.6	2.00	9.21	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	8.39	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	5.99	99.9	6.00	8.62	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 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	5360	16.0	08/16/2024	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	08/15/2024	ND	199	99.6	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	200	99.9	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	110	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130	% 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

Analyzed By: JH

Fax To:

Received: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

# Sample ID: FL 145 @ 4' (H244926-13)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	9.72	
Toluene*	<0.050	0.050	08/15/2024	ND	1.93	96.6	2.00	9.21	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	8.39	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	5.99	99.9	6.00	8.62	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 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	240	16.0	08/16/2024	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	08/15/2024	ND	199	99.6	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	200	99.9	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	107	% 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:

Received: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

# Sample ID: FL 146 @ 4' (H244926-14)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	9.72	
Toluene*	<0.050	0.050	08/15/2024	ND	1.93	96.6	2.00	9.21	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	8.39	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	5.99	99.9	6.00	8.62	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1950	16.0	08/16/2024	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	08/15/2024	ND	199	99.6	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	200	99.9	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

# Sample ID: FL 147 @ 4' (H244926-15)

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	08/15/2024	ND	2.02	101	2.00	9.72	
Toluene*	<0.050	0.050	08/15/2024	ND	1.93	96.6	2.00	9.21	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	8.39	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	5.99	99.9	6.00	8.62	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 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	7200	16.0	08/16/2024	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	08/15/2024	ND	199	99.6	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	200	99.9	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	113 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	135 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 20882 Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

# Sample ID: FL 148 @ 4' (H244926-16)

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	08/15/2024	ND	2.02	101	2.00	9.72	
Toluene*	<0.050	0.050	08/15/2024	ND	1.93	96.6	2.00	9.21	
Ethylbenzene*	< 0.050	0.050	08/15/2024	ND	2.02	101	2.00	8.39	
Total Xylenes*	< 0.150	0.150	08/15/2024	ND	5.99	99.9	6.00	8.62	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 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	5680	16.0	08/16/2024	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	08/15/2024	ND	199	99.6	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	200	99.9	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	105 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126 9	% 49.1-14	8						

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Celey D. Keine



Cool & Intact

Alyssa Parras

# Analytical Results For:

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

Analyzed By: JH

Fax To:

Received: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition:
Project Number: 20882 Sample Received By:

Project Location: MEWBOURNE 32.052213-104.055798

# Sample ID: FL 149 @ 4' (H244926-17)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	9.72	
Toluene*	<0.050	0.050	08/15/2024	ND	1.93	96.6	2.00	9.21	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	8.39	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	5.99	99.9	6.00	8.62	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 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	5280	16.0	08/16/2024	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	08/15/2024	ND	199	99.6	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	200	99.9	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	113	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	133	% 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: Alyssa Parras 20882 Sample Received By:

Project Location: MEWBOURNE 32.052213-104.055798

# Sample ID: FL 150 @ 4' (H244926-18)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	9.72	
Toluene*	<0.050	0.050	08/15/2024	ND	1.93	96.6	2.00	9.21	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	8.39	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	5.99	99.9	6.00	8.62	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 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	576	16.0	08/16/2024	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	08/15/2024	ND	199	99.6	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	200	99.9	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

# Sample ID: FL 151 @ 4' (H244926-19)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	9.72	
Toluene*	<0.050	0.050	08/15/2024	ND	1.93	96.6	2.00	9.21	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	8.39	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	5.99	99.9	6.00	8.62	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 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	4480	16.0	08/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	202	101	200	0.0390	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	195	97.5	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	91.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.3	% 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

# Sample ID: FL 152 @ 4' (H244926-20)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	9.72	
Toluene*	<0.050	0.050	08/15/2024	ND	1.93	96.6	2.00	9.21	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	8.39	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	5.99	99.9	6.00	8.62	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 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	4960	16.0	08/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	202	101	200	0.0390	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	195	97.5	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	97.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

# Sample ID: FL 153 @ 4' (H244926-21)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	9.72	
Toluene*	<0.050	0.050	08/15/2024	ND	1.93	96.6	2.00	9.21	
Ethylbenzene*	< 0.050	0.050	08/15/2024	ND	2.02	101	2.00	8.39	
Total Xylenes*	< 0.150	0.150	08/15/2024	ND	5.99	99.9	6.00	8.62	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 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	7040	16.0	08/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2024	ND	202	101	200	0.0390	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	195	97.5	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	89.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.9	% 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 154 @ 4' (H244926-22)

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	08/15/2024	ND	2.02	101	2.00	9.72	
Toluene*	<0.050	0.050	08/15/2024	ND	1.93	96.6	2.00	9.21	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	8.39	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	5.99	99.9	6.00	8.62	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 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	7760	16.0	08/16/2024	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	08/15/2024	ND	202	101	200	0.0390	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	195	97.5	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	93.2	% 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 155 @ 4' (H244926-23)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	9.72	
Toluene*	<0.050	0.050	08/15/2024	ND	1.93	96.6	2.00	9.21	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	8.39	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	5.99	99.9	6.00	8.62	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 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	7200	16.0	08/16/2024	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	08/15/2024	ND	202	101	200	0.0390	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	195	97.5	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	84.7	% 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

Analyzed By: JH

Fax To:

Received: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 156 @ 4' (H244926-24)

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	08/15/2024	ND	2.02	101	2.00	9.72	
Toluene*	<0.050	0.050	08/15/2024	ND	1.93	96.6	2.00	9.21	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	8.39	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	5.99	99.9	6.00	8.62	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 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	7280	16.0	08/16/2024	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	08/15/2024	ND	202	101	200	0.0390	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	195	97.5	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	91.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 157 @ 4' (H244926-25)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	9.72	
Toluene*	<0.050	0.050	08/15/2024	ND	1.93	96.6	2.00	9.21	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	8.39	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	5.99	99.9	6.00	8.62	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 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	1090	16.0	08/16/2024	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	08/15/2024	ND	202	101	200	0.0390	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	195	97.5	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.6	% 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 158 @ 4' (H244926-26)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	9.72	
Toluene*	<0.050	0.050	08/15/2024	ND	1.93	96.6	2.00	9.21	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	8.39	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	5.99	99.9	6.00	8.62	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 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	1340	16.0	08/16/2024	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	08/15/2024	ND	202	101	200	0.0390	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	195	97.5	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	93.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 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

Analyzed By: JH

Fax To:

Received: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 159 @ 4' (H244926-27)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	9.72	
Toluene*	<0.050	0.050	08/15/2024	ND	1.93	96.6	2.00	9.21	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	8.39	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	5.99	99.9	6.00	8.62	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 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	1570	16.0	08/16/2024	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	08/15/2024	ND	202	101	200	0.0390	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	195	97.5	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	91.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.3	% 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

Analyzed By: JH

Fax To:

Received: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 160 @ 4' (H244926-28)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	9.72	
Toluene*	<0.050	0.050	08/15/2024	ND	1.93	96.6	2.00	9.21	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	8.39	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	5.99	99.9	6.00	8.62	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 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	480	16.0	08/16/2024	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	08/15/2024	ND	202	101	200	0.0390	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	195	97.5	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	81.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.6	% 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 161 @ 4' (H244926-29)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	9.72	
Toluene*	<0.050	0.050	08/15/2024	ND	1.93	96.6	2.00	9.21	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.02	101	2.00	8.39	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	5.99	99.9	6.00	8.62	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 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	9000	16.0	08/16/2024	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	08/15/2024	ND	202	101	200	0.0390	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	195	97.5	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	96.3	% 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 162 @ 4' (H244926-30)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.28	114	2.00	1.86	
Toluene*	<0.050	0.050	08/15/2024	ND	2.22	111	2.00	0.286	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.28	114	2.00	0.567	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.78	113	6.00	1.31	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 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	5040	16.0	08/16/2024	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	08/15/2024	ND	202	101	200	0.0390	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	195	97.5	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	94.1	% 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 163 @ 4' (H244926-31)

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	08/15/2024	ND	2.28	114	2.00	1.86	
Toluene*	<0.050	0.050	08/15/2024	ND	2.22	111	2.00	0.286	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.28	114	2.00	0.567	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.78	113	6.00	1.31	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	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	6560	16.0	08/16/2024	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	08/15/2024	ND	202	101	200	0.0390	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	195	97.5	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	87.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.2	% 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 164 @ 4' (H244926-32)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.28	114	2.00	1.86	
Toluene*	<0.050	0.050	08/15/2024	ND	2.22	111	2.00	0.286	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.28	114	2.00	0.567	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.78	113	6.00	1.31	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 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	7120	16.0	08/16/2024	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	08/15/2024	ND	202	101	200	0.0390	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	195	97.5	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	88.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.5	% 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 165 @ 4' (H244926-33)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.28	114	2.00	1.86	
Toluene*	<0.050	0.050	08/15/2024	ND	2.22	111	2.00	0.286	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.28	114	2.00	0.567	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.78	113	6.00	1.31	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 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	2480	16.0	08/16/2024	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	08/15/2024	ND	202	101	200	0.0390	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	195	97.5	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 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

08/14/2024

Sampling Date:

08/14/2024

Reported: Project Name: 08/20/2024

Sampling Type:

Soil

Received:

BTEX 8021B

DELAWARE RANCH B1BO FLOW LINE

Sampling Condition:

Cool & Intact

Project Number:

20882

Sample Received By:

Alyssa Parras

Project Location:

MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 166 @ 4' (H244926-34)

		<u> </u>							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.28	114	2.00	1.86	
Toluene*	<0.050	0.050	08/15/2024	ND	2.22	111	2.00	0.286	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.28	114	2.00	0.567	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.78	113	6.00	1.31	
Total BTEX	<0.300	0.300	08/15/2024	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	6880	16.0	08/16/2024	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	08/15/2024	ND	202	101	200	0.0390	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	195	97.5	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	94.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 167 @ 4' (H244926-35)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.28	114	2.00	1.86	
Toluene*	<0.050	0.050	08/15/2024	ND	2.22	111	2.00	0.286	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.28	114	2.00	0.567	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.78	113	6.00	1.31	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 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	864	16.0	08/16/2024	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	08/15/2024	ND	202	101	200	0.0390	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	195	97.5	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	90.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.6	% 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 168 @ 4' (H244926-36)

BTEX 8021B

				• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.28	114	2.00	1.86	
Toluene*	<0.050	0.050	08/15/2024	ND	2.22	111	2.00	0.286	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.28	114	2.00	0.567	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.78	113	6.00	1.31	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 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	2120	16.0	08/16/2024	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	08/16/2024	ND	202	101	200	0.0390	
DRO >C10-C28*	<10.0	10.0	08/16/2024	ND	195	97.5	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	08/16/2024	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celeg D. Frene



#### Analytical Results For:

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

Fax To:

Received: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 169 @ 4' (H244926-37)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.28	114	2.00	1.86	
Toluene*	<0.050	0.050	08/15/2024	ND	2.22	111	2.00	0.286	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.28	114	2.00	0.567	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.78	113	6.00	1.31	
Total BTEX	<0.300	0.300	08/15/2024	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	8240	16.0	08/16/2024	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	08/16/2024	ND	202	101	200	0.0390	
DRO >C10-C28*	<10.0	10.0	08/16/2024	ND	195	97.5	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	08/16/2024	ND					
Surrogate: 1-Chlorooctane	90.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.4	% 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: NW 7 (H244926-38)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.28	114	2.00	1.86	
Toluene*	<0.050	0.050	08/15/2024	ND	2.22	111	2.00	0.286	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.28	114	2.00	0.567	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.78	113	6.00	1.31	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 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	256	16.0	08/16/2024	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	08/16/2024	ND	202	101	200	0.0390	
DRO >C10-C28*	<10.0	10.0	08/16/2024	ND	195	97.5	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	08/16/2024	ND					
Surrogate: 1-Chlorooctane	87.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.2	% 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: SW 6 (H244926-39)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.28	114	2.00	1.86	
Toluene*	<0.050	0.050	08/15/2024	ND	2.22	111	2.00	0.286	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.28	114	2.00	0.567	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.78	113	6.00	1.31	
Total BTEX	<0.300	0.300	08/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 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	08/16/2024	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	08/15/2024	ND	198	99.2	200	2.03	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	207	104	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	83.7	% 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: SW 7 (H244926-40)

BTEX 8021B

DILX GOZID	ilig/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2024	ND	2.28	114	2.00	1.86	
Toluene*	<0.050	0.050	08/15/2024	ND	2.22	111	2.00	0.286	
Ethylbenzene*	<0.050	0.050	08/15/2024	ND	2.28	114	2.00	0.567	
Total Xylenes*	<0.150	0.150	08/15/2024	ND	6.78	113	6.00	1.31	
Total BTEX	<0.300	0.300	08/15/2024	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	320	16.0	08/16/2024	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	08/15/2024	ND	198	99.2	200	2.03	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	207	104	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	91.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 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: 08/14/2024 Sampling Date: 08/14/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: SW 8 (H244926-41)

BTEX 8021B

DILX GOZID	1119/	- Kg	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/16/2024	ND	2.28	114	2.00	1.86	
Toluene*	<0.050	0.050	08/16/2024	ND	2.22	111	2.00	0.286	
Ethylbenzene*	<0.050	0.050	08/16/2024	ND	2.28	114	2.00	0.567	
Total Xylenes*	<0.150	0.150	08/16/2024	ND	6.78	113	6.00	1.31	
Total BTEX	<0.300	0.300	08/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 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	08/16/2024	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	08/15/2024	ND	198	99.2	200	2.03	
DRO >C10-C28*	<10.0	10.0	08/15/2024	ND	207	104	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	08/15/2024	ND					
Surrogate: 1-Chlorooctane	66.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.7	% 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°C

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

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Project Manag						P.	0. #:			1	_		ANALYS	IS RE	QUEST		
	617 West Marland					Co	ompany:	Mow	bourne	1							
ity: Hobbs	State: NM	Zi	p:	88240			tn:	Connor Wa		1			1 1				
hone #: (5	75) 264-9884 Fax #:					1	idress:	COULINI VY	aikei	1							
roject #: 20	0882 Project Owner	er:		Mewbou	rne	Cit				1							
roject Name:	Delaware Ranch B1BO Flow Line						ate:	7:		-	Σ	<u>6</u>					
roject Location	on: 32.052213, -104.055798					1	one #:	Zip:		Chloride	TPH (8015M)	(8021B)					
ampler Name	: Aaron Rios					1	x #:			10	8	8					
FOR LAB USE ONLY		Т	T	l N	MATRIX	_	PRESERV	/I SAMI	PLING	9	금	ВТЕХ					
Lab I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER WASTEWATER	SLUDGE	OTHER:	ACID/BASE: ICE / COOL OTHER:	DATE	TIME								
5	FL 133 @ 4'	С	1		X		X	8/14/24		X	х	X				+	
3	FL 134 @ 4'	С	1		X		X	8/14/24		Х	Х	X					
11	FL 135 @ 4' FL 136 @ 4'	С	1		X		X	8/14/24		х	х	X					
4	FL 137 @ 4'	С	1		X	_	X	8/14/24		Х	Х	Х					
6	FL 138 @ 4'	С	1		(	1	X	8/14/24		Х	Х	X					
7	FL 139 @ 4'	С	1		(	1	X	8/14/24		Х	х	X					
8	FL 140 @ 4'	С	1		(	1	X	8/14/24		Х	х	X				+	
		C	1	)	(	_	X	8/14/24		Х	X	X					
3	FI 141 @ 4'																
1	FL 141 @ 4' FL 142 @ 4'	C	1	X		1	X	8/14/24		Х	Х	х					

Relinquished By:  Refinquished By:	mance of services hereunder by Cardinal, regardless of whether such claim is based up to the services hereunder by Cardinal, regardless of whether such claim is based up to the services hereunder by Cardinal, regardless of whether such claim is based up to the services hereunder by Cardinal, regardless of whether such claim is based up to the services hereunder by Cardinal, regardless of whether such claim is based up to the services hereunder by Cardinal, regardless of whether such claim is based up to the services hereunder by Cardinal, regardless of whether such claim is based up to the services hereunder by Cardinal, regardless of whether such claim is based up to the services hereunder by Cardinal, regardless of whether such claim is based up to the services hereunder by Cardinal, regardless of whether such claim is based up to the services hereunder by Cardinal, regardless of whether such claim is based up to the services here in the services here in the services have been detailed by the services here in the services have been detailed by the services have been detailed by the services here in the services here in the services here in the services have been detailed by the services here in the services have been detailed by the services have been de	Verbal Result:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: FORM-006 R 3.5 08/05/24	Observed Temp. °C.—) Sample Condition Cool Intact Corrected Temp. °C  Ves Tyes No No	CHECKED BY: (Initials)  Thermometer ID #140 Correction Factor -0.6°C  CHECKED BY:  Turnaround Time:  Standard Rush  Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Nam Project Manag	2. Trinorinierital & Salety So	ution:	s, In	C.	_	_	_	_				B	ILL TO		8												
									P.	0.	#:				-	_	_		Al	VALY	SIS	REC	QUE	ST			
	17 West Marland								c	omp	oan	v.	Mour	bourne	-												
ity: Hobbs	State: NA	1 Z	ip:	8	8240	0				tn:		,.	Connor Wa		1												
	75) 264-9884 Fax #:								1	idre	ee.		CONTION VVS	aiker	-				-1		- 1						
	882 Project Own	er:		Me	wbo	urn	e		Ci		,33,				4												
	Delaware Ranch B1BO Flow Line						_			ate:			7:-		1.	E	8										
roject Locatio	101.000730												Zip:		Chloride	TPH (8015M)	(8021B)										
ampler Name:	Aaron Rios									one x #:					0	(80	(8)										
OR LAB USE ONLY		Т	T	T		MA	TRI)	(	га	-		RV.	SAME	OLING.	12	표	BTEX										
Lab I.D. <u>344930</u> 11	Sample I.D.	(G)RAB OR (C)OMP	# CONTAIN	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME													
12	FL 144 @ 4'	C	1			Х					Х		8/14/24		X	Х	Х	+	+	+	+	$\rightarrow$		+	+	+	_
1-0	FL 145 @ 4'	C	1			Х		1	_		Х		8/14/24		Х	X	X			1	+	-		+	+	+	-
. 1	FL 146 @ 4'	C	1			Х		1	-		Х		8/14/24		Х	Х	X					-		+	-	+	-
	FL 147 @ 4'	C	-			Х	-	-	1		Х		8/14/24		Х	Х	X				-	-		+	+	+	-
	FL 148 @ 4'	C	1			X	-	+	-1		Х	1	8/14/24		Х	Х	Х				1	+		1	+	+	-
<b>ウ</b>	FL 149 @ 4'	C	1			X	+	+	-1	_	Х	1	8/14/24		Х	Х	X					-		-	-	+	-
	FL 150 @ 4'	c	1			X	+	+	-		X	-	8/14/24		X	X	X					+			+	+	+
9	FL 151 @ 4'	c	1			X	+	+	-		X	-	8/14/24		Х	Х	Х					+			+	1	+
30 I	FL 152 @ 4'	10	7		- 10	X	- 1		- 1		X	- 1	8/14/24		Х	Х	Х			-	-	-					

affiliates or successors arising out of or related to the person	mance of services hereunder by Cardinal, regardless of whether such claim is based upo  Received By:	pon any of the above stated reasons or otherwise.
Refinquished By:	Time: 190 Opaus Date: Received By:	All Results are emailed. Please provide Email address:  pm@etechenv.com
3	Time:	REMARKS:
Delivered By: (Circle One)	Observed Temp. °C 10 0'c Sample Condition	CHECKED BY: Turnaround Time: Standard Part 1
Sampler - UPS - Bus - Other:	Corrected Temp. °C Yes Yes	(Initials)    Bacteria (only) Sample Condition   Cool Intact Observed Temp °C
FORM-006 R 3.5 08/05/24	LINGIINO	Correction Factor -0.6°C

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

	ne: Etech Environmental & Safety Solu	itions	, Inc	2.			В	ILL TO		1			ANALYSIS PESUSO	
Project Manag	ger: Lance Crenshaw					P.	0. #:			-			ANALYSIS REQUEST	
Address: 2	617 West Marland					Co	ompany:	Mow	oourne	1				
City: Hobbs	State: NM	Zi	p:	88240			tn:	Connor Wa		1		1 1		
Phone #: (5	75) 264-9884 Fax #:						dress:	COMMON VY	ikei	1		1 1		
Project #: 20	0882 Project Owne	er:		Mewbourne		Cit				1				
roject Name:	Delaware Ranch B1BO Flow Line						ate:	Zip:		0	E	18		
Project Location							one #:	Zip:		Chloride	TPH (8015M)	(8021B)		
Sampler Name							x #:			1 8	(8)	8		
FOR LAB USE ONLY		T	Т	MA	TRIX		PRESERV.	. SAME	LING	10	표	ВТЕХ		
Lab I.D.		(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER SOIL	OIL	OTHER:	ACID/BASE: ICE / COOL OTHER:	DATE	TIME					
21	FL 153 @ 4'	C	1	X			X	8/14/24		х	Х	х		_
22	FL 154 @ 4'	С	+	X			X	8/14/24		Х	Х	X		-
24	FL 155 @ 4'	C	1	X			X	8/14/24		Х	Х	X		
2	FL 156 @ 4' FL 157 @ 4'	C	1	X			X	8/14/24		X	Х	X		
29	FL 158 @ 4'	C	1	X		-	X	8/14/24		Х	Х	Х		
20		C	1	X		_	X	8/14/24		Х	Х	X		
20				1										
30 37	FL 159 @ 4'	С	1	Х		-	X	8/14/24		Х	Х	X		
3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			1	X X X			X X	8/14/24 8/14/24 8/14/24		X	X	X		

Douces eived By:		All Results are emailed		uc Lingi		
			I		echenv.com	
erved By:		REMARKS:				
Sample Condition	CHECKED DA					
Cool Intact	(Initials)	Thermometer ID #140	Rush	H	Cool Intact ☐ Yes ☐ Yes	ample Condition Observed Temp. °C Corrected Temp. °C
	Sample Condition Cool Intact Tyes Tyes	Sample Condition CHECKED BY: Cool Intact (Initials)	Sample Condition CHECKED BY: Turnaround Time: Cool Intact (Initials) Thermometer ID #140 Correction Fractor 1 0000	Sample Condition CHECKED BY: Turnaround Time: Standard Rush  Thermometer ID #140 Correction Feature 6500	Sample Condition CHECKED BY: Turnaround Time: Standard Chitials Thermometer ID #140	Sample Condition CHECKED BY: Turnaround Time: Standard Bacteria (only) Standard Rush Cool Intact Correction Factor, a SC

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

Company Nam	The state of the s	tions	Inc							B	ILL TO		3			AMA	LVCIC	DEC	NIFOT		
Project Manage	er: Lance Crenshaw							P.C	). #:							ANA	LTSIS	KEC	UEST	_	_
Address: 26	17 West Marland							Cor	mpar	ny:	Mew	oourne	1								
City: Hobbs	State: NM	Zi	p:	882	40			Attı		•	Connor Wa		1					1			
hone #: (57	75) 264-9884 Fax #:							Add	dress	s:			1								
Project #: 20	882 Project Owne	r:		Mewi	bour	ne		City						_			1				
roject Name:	Delaware Ranch B1BO Flow Line							Sta			Zip:			(8015M)	(8021B)						
Project Locatio	n: 32.052213, -104.055798								one #		ip.		Chloride	01	802						
Sampler Name:	Aaron Rios							Fax					1 을	8)	×						
FOR LAB USE ONLY		T	Т		M/	ATRI		_	PRES	ERV	. SAME	LING	0	TPH	ВТЕХ						1
Lab I.D.	Sample I.D.	G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	THER:	ACID/BASE:	OTHER:	DATE	TIME									
31	FL 163 @ 4'	С	1		X	_	0)	Ť	X		8/14/24	THE	Х	Х	х	_				_	+
32	FL 164 @ 4'	С	1		X				X		8/14/24		x	X	x	_			-	-	+-
33	FL 165 @ 4'	С	1		X				Х		8/14/24		X	X	X			$\vdash$		-	+
34	FL 166 @ 4'	С	1		Х				X		8/14/24		X	X	X				-	-	+
30	FL 167 @ 4'	С	1		Х				Х		8/14/24		Х	Х	X				-	-	+
36	FL 168 @ 4'	С	1		X				X		8/14/24		Х	Х	X					+	+
20/	FL 169 @ 4'	С	1		X				X		8/14/24		Х	Х	Х						+
7	NW 7	С	1		X				X		8/14/24		Х	х	Х						1
40	SW 6 SW 7	С	1		X	_			X		8/14/24		Х	Х	Х						1
70	nd Darmages. Cardinal's liability and client's exclusive remedy for an	C	1 1		X				X		8/14/24		Х	X	X					_	

ms 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: Relinquished By:	Date: 8-14-24 Time: 1450	Received By:		Verbal Result: Ye All Results are emailed.	Please provi	de Ema	Phone #: il address: echenv.com
	Date:	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	8	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C  Yes Yes No No Corrected Temp. °C



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Released to Imaging: 12/13/2024 8:38:14 AM

	utions	, Inc					1		В	ILL TO					ANAL VOIC	DECUIECE	
Lance Crenshaw							P.	0. #					Т	П	ANALTSIS	REQUEST	
West Marland							C	omp	any:	Me	wbourne	1					
	Zi	p:	88	240			At	tn:		Connor V	/alker						
							Ad	ddres	ss:			1					
, roject own	er:		Mev	vbou	rne		Ci	ty:				1	_	=			
elaware Ranch B1BO Flow Line							St	ate:		Zip:		0	5 N	21B			
32.052213, -104.055798							Ph	one	#:			1 5	20	80%			
Aaron Rios	_						Fa	x #:				ĬĔ	- H	×			
	0.	1		M	MATR	XIX		PRE	SER	/. SAM	IPLING	10	F	1 2			
Sample I.D.	(G)RAB OR (C)C	# CONTAINERS	GROUNDWATE	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	CE / COOL	DATE	TIME						
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	Etech Environmental & Safety Solid Lance Crenshaw  West Marland  State: NM 264-9884 Fax #: Project Owne elaware Ranch B1BO Flow Line 32.052213, -104.055798  Aaron Rios	Etech Environmental & Safety Solutions  Lance Crenshaw  West Marland  State: NM Zi  264-9884 Fax #: Project Owner: elaware Ranch B1BO Flow Line 32.052213, -104.055798  Aaron Rios  Sample I.D.	State: NM Zip:   264-9884   Fax #:     Project Owner:   elaware Ranch B1BO Flow Line   32.052213, -104.055798   Aaron Rios   Sample I.D.     GWO(0) #	Etech Environmental & Safety Solutions, Inc.  Lance Crenshaw  West Marland  State: NM Zip: 88  264-9884 Fax #:  Project Owner: Mew elaware Ranch B1BO Flow Line  32.052213, -104.055798  Aaron Rios	Etech Environmental & Safety Solutions, Inc.  Lance Crenshaw  West Marland  State: NM Zip: 88240  264-9884 Fax #: Project Owner: Mewbou elaware Ranch B1BO Flow Line  32.052213, -104.055798  Aaron Rios	Etech Environmental & Safety Solutions, Inc.  Lance Crenshaw  West Marland  State: NM Zip: 88240  264-9884 Fax #:  Project Owner: Mewbourne elaware Ranch B1BO Flow Line  32.052213, -104.055798  Aaron Rios  MATE  Sample I.D.	Etech Environmental & Safety Solutions, Inc.  Lance Crenshaw  West Marland  State: NM Zip: 88240  264-9884 Fax #: Project Owner: Mewbourne elaware Ranch B1BO Flow Line  32.052213, -104.055798  Aaron Rios  MATRIX  MATRIX  ARON NO. MATRIX  ARON NO. MATRIX  Sample I.D.	Etech Environmental & Safety Solutions, Inc.   Lance Crenshaw   P.	Etech Environmental & Safety Solutions, Inc.	Etech Environmental & Safety Solutions, Inc.  Lance Crenshaw  West Marland  State: NM Zip: 88240 Attn:  264-9884 Fax #: Project Owner: Mewbourne City: elaware Ranch B1BO Flow Line 32.052213, -104.055798  Aaron Rios  Sample I.D.  Address: Phone #:  MATRIX PRESERV  MATRIX	Etech Environmental & Safety Solutions, Inc.  Lance Crenshaw  West Marland  State: NM Zip: 88240  Attn: Company: Mew Address:  Project Owner: Mewbourne  Elaware Ranch B1BO Flow Line  32.052213, -104.055798  Aaron Rios  Sample I.D.  Address:  Phone #:  MATRIX  PRESERV.  SAN  MATRIX  PRESERV.  DATE	Etech Environmental & Safety Solutions, Inc.  Lance Crenshaw  West Marland  State: NM Zip: 88240  Attn: Connor Walker  Address:  Project Owner: Mewbourne  State: Zip:  32.052213, -104.055798  Aaron Rios  Sample I.D.  Address: State: Zip:  MATRIX  PRESERV. SAMPLING  DATE TIME	Etech Environmental & Safety Solutions, Inc.  Lance Crenshaw  West Marland  State: NM Zip: 88240  Attn: Connor Walker  Address:  Project Owner: Mewbourne  Elaware Ranch B1BO Flow Line  32.052213, -104.055798  Aaron Rios  Sample I.D.  Sample I.D.  BILL TO  P.O. #:  Company: Mewbourne  City:  State: Zip:  Phone #:  State: Zip:  Phone #:  MATRIX PRESERV. SAMPLING  MATRIX PRESERV. SAMPLING  DATE TIME	Etech Environmental & Safety Solutions, Inc.  Lance Crenshaw  West Marland  Company: Mewbourne  State: NM Zip: 88240  Attn: Connor Walker  Address:  Project Owner: Mewbourne  Elaware Ranch B1BO Flow Line  32.052213, -104.055798  Aaron Rios  Sample I.D.  Sample I.D.  And All Safety Solutions, Inc.  BILL TO  Company: Mewbourne  Company: Mewbourne  City:  Phone #:  MATRIX  PRESERV. SAMPLING  MATRIX  PRESERV. SAMPLING  DATE  TIME	Etech Environmental & Safety Solutions, Inc.  Lance Crenshaw  West Marland  State: NM Zip: 88240 Attn: Connor Walker  264-9884 Fax #: Address: Project Owner: Mewbourne City: elaware Ranch B1BO Flow Line 32.052213, -104.055798  Aaron Rios  Sample I.D.  Sample I.D.  Relation State: NM Zip: 88240 Attn: Connor Walker  Address: State: Zip: Phone #:  Phone #:  MATRIX PRESERV. SAMPLING  MATRIX PRESERV. SAMPLING  DATE TIME  W 8	Etech Environmental & Safety Solutions, Inc.  Lance Crenshaw  West Marland  State: NM Zip: 88240 Attn: Connor Walker  264-9884 Fax #: Address: Project Owner: Mewbourne Glaware Ranch B1BO Flow Line 32.052213, -104.055798 Phone #: Aaron Rios  Sample I.D.  Sample I.D.  ANALYSIS  ANALYSIS  ANALYSIS  ANALYSIS  ANALYSIS  ANALYSIS  Analysis  P.O. #:  Company: Mewbourne City:  Elaware Ranch B1BO Flow Line 32.052213, -104.055798 Phone #:  Fax #:  Sample I.D.  ANALYSIS  A	Etech Environmental & Safety Solutions, Inc.  Lance Crenshaw  West Marland  State: NM Zip: 88240 Attn: Connor Walker 264-9884 Fax #: Address: Project Owner: Mewbourne elaware Ranch B1BO Flow Line 32.052213, -104.055798  Aaron Rios  Sample I.D.  ANALYSIS REQUEST  Ompany: Mewbourne City: Phone #: Fax #:  MATRIX PRESERV. SAMPLING  MATRIX PRESERV. SAMPLING  MATRIX PRESERV. SAMPLING  MATRIX PRESERV. SAMPLING  N 8

Relinquished By:	Pate: Receiv	ss of whether such claim is based u ed By:		Verbal Result: ☐ Y		Add'l	Phone #:	
elinguished By:	Time:	Daus ed By:		All Results are emailed		de Ema	il address: echenv.com	
January.	Date: Receiv	ed By:		REMARKS:				
Delivered By: (Circle One)	Observed Temp. °C/ D·O′ ←	Sample Condition	CHECKED BY:	Turnaround Time:	Standard		Ractoria (only) S	Sample Condition
	Corrected Temp. °C	☐ Yes ☐ Yes ☐ No ☐ No	(Initials)	Thermometer ID #140 Correction Factor -0.6°C	Rush		Cool Intact ☐ Yes ☐ Yes	Observed Temp. °C
FORM-006 R 3.5 08/05/24	† Cardinal Car	nnot accent verbal of	hanges Disease	ail changes to coloube			No No	Corrected Temp. °C



August 21, 2024

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

RE: DELAWARE RANCH B1BO FLOW LINE

Enclosed are the results of analyses for samples received by the laboratory on 08/15/24 14:54.

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

Analyzed By: JH

08/15/2024

mg/kg

Sampling Date: 08/15/2024

Reported: 08/21/2024

Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE
Project Number: 20882

Received:

BTEX 8021B

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

Project Location: MEWBOURNE 32.052213-104.055798

Sample ID: FL 170 @ 4' (H244971-01)

	9,	9							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2024	ND	2.01	101	2.00	0.587	
Toluene*	<0.050	0.050	08/17/2024	ND	1.92	96.2	2.00	1.12	
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.00	99.9	2.00	1.36	
Total Xylenes*	<0.150	0.150	08/17/2024	ND	5.96	99.3	6.00	1.94	
Total BTEX	<0.300	0.300	08/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 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	8600	16.0	08/19/2024	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	08/16/2024	ND	222	111	200	7.84	
DRO >C10-C28*	<10.0	10.0	08/16/2024	ND	233	116	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	08/16/2024	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 08/15/2024 Sampling Date: 08/15/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 171 @ 4' (H244971-02)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2024	ND	2.01	101	2.00	0.587	
Toluene*	<0.050	0.050	08/17/2024	ND	1.92	96.2	2.00	1.12	
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.00	99.9	2.00	1.36	
Total Xylenes*	<0.150	0.150	08/17/2024	ND	5.96	99.3	6.00	1.94	
Total BTEX	<0.300	0.300	08/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 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	9400	16.0	08/19/2024	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	08/16/2024	ND	222	111	200	7.84	
DRO >C10-C28*	<10.0	10.0	08/16/2024	ND	233	116	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	08/16/2024	ND					
Surrogate: 1-Chlorooctane	86.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

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

Analyzed By: JH

Fax To:

Received: 08/15/2024 Sampling Date: 08/15/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 172 @ 4' (H244971-03)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2024	ND	2.01	101	2.00	0.587	
Toluene*	<0.050	0.050	08/17/2024	ND	1.92	96.2	2.00	1.12	
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.00	99.9	2.00	1.36	
Total Xylenes*	<0.150	0.150	08/17/2024	ND	5.96	99.3	6.00	1.94	
Total BTEX	<0.300	0.300	08/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 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	7730	16.0	08/19/2024	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	08/16/2024	ND	222	111	200	7.84	
DRO >C10-C28*	<10.0	10.0	08/16/2024	ND	233	116	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	08/16/2024	ND					
Surrogate: 1-Chlorooctane	86.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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#### Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 08/15/2024 Sampling Date: 08/15/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 173 @ 4' (H244971-04)

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	08/17/2024	ND	2.01	101	2.00	0.587	
Toluene*	<0.050	0.050	08/17/2024	ND	1.92	96.2	2.00	1.12	
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.00	99.9	2.00	1.36	
Total Xylenes*	<0.150	0.150	08/17/2024	ND	5.96	99.3	6.00	1.94	
Total BTEX	<0.300	0.300	08/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 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	368	16.0	08/19/2024	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	08/16/2024	ND	222	111	200	7.84	
DRO >C10-C28*	<10.0	10.0	08/16/2024	ND	233	116	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	08/16/2024	ND					
Surrogate: 1-Chlorooctane	77.5	% 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: 08/15/2024 Sampling Date: 08/15/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 174 @ 4' (H244971-05)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2024	ND	2.01	101	2.00	0.587	
Toluene*	<0.050	0.050	08/17/2024	ND	1.92	96.2	2.00	1.12	
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.00	99.9	2.00	1.36	
Total Xylenes*	<0.150	0.150	08/17/2024	ND	5.96	99.3	6.00	1.94	
Total BTEX	<0.300	0.300	08/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 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	1250	16.0	08/19/2024	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	08/16/2024	ND	222	111	200	7.84	
DRO >C10-C28*	<10.0	10.0	08/16/2024	ND	233	116	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	08/16/2024	ND					
Surrogate: 1-Chlorooctane	70.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.8	% 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: 08/15/2024 Sampling Date: 08/15/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 175 @ 4' (H244971-06)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2024	ND	2.01	101	2.00	0.587	
Toluene*	<0.050	0.050	08/17/2024	ND	1.92	96.2	2.00	1.12	
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.00	99.9	2.00	1.36	
Total Xylenes*	<0.150	0.150	08/17/2024	ND	5.96	99.3	6.00	1.94	
Total BTEX	<0.300	0.300	08/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1	% 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	10600	16.0	08/19/2024	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	08/16/2024	ND	222	111	200	7.84	
DRO >C10-C28*	<10.0	10.0	08/16/2024	ND	233	116	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	08/16/2024	ND					
Surrogate: 1-Chlorooctane	76.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.5	% 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: 08/15/2024 Sampling Date: 08/15/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 176 @ 4' (H244971-07)

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	08/17/2024	ND	2.01	101	2.00	0.587	
Toluene*	<0.050	0.050	08/17/2024	ND	1.92	96.2	2.00	1.12	
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.00	99.9	2.00	1.36	
Total Xylenes*	<0.150	0.150	08/17/2024	ND	5.96	99.3	6.00	1.94	
Total BTEX	<0.300	0.300	08/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2 % 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	704	16.0	08/19/2024	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	08/16/2024	ND	222	111	200	7.84	
DRO >C10-C28*	<10.0	10.0	08/16/2024	ND	233	116	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	08/16/2024	ND					
Surrogate: 1-Chlorooctane	71.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.0	% 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: 08/15/2024 Sampling Date: 08/15/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 177 @ 4' (H244971-08)

BTEX 8021B

DIEX GOZID	mg/ kg		Andryzed by: 311						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2024	ND	2.01	101	2.00	0.587	
Toluene*	<0.050	0.050	08/17/2024	ND	1.92	96.2	2.00	1.12	
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.00	99.9	2.00	1.36	
Total Xylenes*	<0.150	0.150	08/17/2024	ND	5.96	99.3	6.00	1.94	
Total BTEX	<0.300	0.300	08/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 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	5600	16.0	08/19/2024	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	08/16/2024	ND	222	111	200	7.84	
DRO >C10-C28*	<10.0	10.0	08/16/2024	ND	233	116	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	08/16/2024	ND					
Surrogate: 1-Chlorooctane	78.2	% 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: 08/15/2024 Sampling Date: 08/15/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 178 @ 4' (H244971-09)

BTEX 8021B

DILX GOZID	ilig/ kg		Andryzed by: 511						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2024	ND	2.01	101	2.00	0.587	
Toluene*	<0.050	0.050	08/17/2024	ND	1.92	96.2	2.00	1.12	
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.00	99.9	2.00	1.36	
Total Xylenes*	<0.150	0.150	08/17/2024	ND	5.96	99.3	6.00	1.94	
Total BTEX	<0.300	0.300	08/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 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	7200	16.0	08/19/2024	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	08/16/2024	ND	222	111	200	7.84	
DRO >C10-C28*	<10.0	10.0	08/16/2024	ND	233	116	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	08/16/2024	ND					
Surrogate: 1-Chlorooctane	82.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 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: JH

Fax To:

Received: 08/15/2024 Sampling Date: 08/15/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 179 @ 4' (H244971-10)

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	08/17/2024	ND	2.01	101	2.00	0.587	
Toluene*	<0.050	0.050	08/17/2024	ND	1.92	96.2	2.00	1.12	
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.00	99.9	2.00	1.36	
Total Xylenes*	<0.150	0.150	08/17/2024	ND	5.96	99.3	6.00	1.94	
Total BTEX	<0.300	0.300	08/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 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	9200	16.0	08/19/2024	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	08/16/2024	ND	222	111	200	7.84	
DRO >C10-C28*	<10.0	10.0	08/16/2024	ND	233	116	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	08/16/2024	ND					
Surrogate: 1-Chlorooctane	80.7	% 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: 08/15/2024 Sampling Date: 08/15/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 180 @ 4' (H244971-11)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2024	ND	2.01	101	2.00	0.587	
Toluene*	<0.050	0.050	08/17/2024	ND	1.92	96.2	2.00	1.12	
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.00	99.9	2.00	1.36	
Total Xylenes*	<0.150	0.150	08/17/2024	ND	5.96	99.3	6.00	1.94	
Total BTEX	<0.300	0.300	08/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 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	9060	16.0	08/19/2024	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	08/16/2024	ND	222	111	200	7.84	
DRO >C10-C28*	<10.0	10.0	08/16/2024	ND	233	116	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	08/16/2024	ND					
Surrogate: 1-Chlorooctane	84.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 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: 08/15/2024 Reported: 08/21/2024

Project Name: DELAWARE RANCH B1BO FLOW LINE

Project Number: 20882

Project Location: MEWBOURNE 32.052213-104.055798 Sampling Date: 08/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

#### Sample ID: FL 181 @ 4' (H244971-12)

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	08/17/2024	ND	2.01	101	2.00	0.587	
Toluene*	<0.050	0.050	08/17/2024	ND	1.92	96.2	2.00	1.12	
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.00	99.9	2.00	1.36	
Total Xylenes*	<0.150	0.150	08/17/2024	ND	5.96	99.3	6.00	1.94	
Total BTEX	<0.300	0.300	08/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 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	8400	16.0	08/19/2024	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	08/17/2024	ND	222	111	200	7.84	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	233	116	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					
Surrogate: 1-Chlorooctane	85.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 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

Applyzod By: 14

Fax To:

Received: 08/15/2024 Sampling Date: 08/15/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 182 @ 4' (H244971-13)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2024	ND	2.01	101	2.00	0.587	
Toluene*	<0.050	0.050	08/17/2024	ND	1.92	96.2	2.00	1.12	
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.00	99.9	2.00	1.36	
Total Xylenes*	<0.150	0.150	08/17/2024	ND	5.96	99.3	6.00	1.94	
Total BTEX	<0.300	0.300	08/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 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	2240	16.0	08/19/2024	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	08/17/2024	ND	222	111	200	7.84	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	233	116	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					
Surrogate: 1-Chlorooctane	78.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.7	% 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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9:57:03 AM

Received by OCD: 11/5/2024

Released to Imaging: 12/13/2024 8:38:14 AM



### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Company Name	(575) 393-2326 FAX (575) 393-247 Etech Environmental & Safety Solution		nc.					L	BIL	LTO					ANAL	YSIS	REQUEST			2
Project Manager							P.O.	#:												
	7 West Marland						Com	pany:		Mewbo	ume				1 1					
	State: NM	Zip	- 1	88240			Attn:			Connor Walk	er									
,	5) 264-9884 Fax #:						Addr	ess:								- 1				
	0) 201 000 1		N	Newbour	ne		City:						=	(a)						
Project #: 208							State			Zip:		e e	TPH (8015M)	(8021B)						
	Delaware Ranch B1BO Flow Line							ne #:				Chloride	801	8						
Project Location	n: 32.052213, -104.055798 Aaron Rios						Fax					烹	I	ВТЕХ						
Sampler Name:	Aaron Rios			N	ATR	_		RESE	RV.	SAMP	LING	10	TP	E	1 1				- 1	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ICE / COOL	OTHER:	DATE	TIME									
1 Zuder II	FL 170 @ 4'	С	1		Х			X		8/15/24		X	Х	Х					-	-
7	FL 171 @ 4'	C	1		Х			Х		8/15/24		X	Х	X					-	-
3	FL 172 @ 4'	C	1		Х			Х		8/15/24		Х	Х	Х						+
q	FL 173 @ 4'	С	1		X			X		8/15/24		Х	X	X				-	-	-
5	FL 174 @ 4'	С	1.		X			X		8/15/24		Х	X	X					-	-
11	FL 175 @ 4'	С	1		X			X		8/15/24		X	X	X	_			-		+
7	FL 176 @ 4'	С	1		Х			X		8/15/24		X	X	X				-		+
8	FL 177 @ 4'	С	1		Х			Х		8/15/24		X	X	X		-		-		+
9	FL 178 @ 4'	С	1		X			X	1	8/15/24		X	X	X	_	-		-		-
19	FL 179 @ 4'	C	1		X			X		8/15/24		X	X	X						

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affiliates or successors arising out of or related to the perform Relinquished by:	Date:   S   S - Zu     Time:	dinal, regardless of whether such claim is based upon Received By:	on any or the above stated reas	Verbal Result: Ye All Results are emailed.		le Ema	Phone #: iil address: echenv.com
Refinquished By:	Date:	Received By:		REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C  -17.0  Corrected Temp. °C		CHECKED BY: (Initials)	Turnaround Time: Thermometer ID #140 Correction Factor -0.6°C	Standard Rush		Bacteria (only) Sample Condition   Cool Intact

9:57:03 AM

Received by OCD: 11/5/2024

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

**CARDINAL** Laboratories

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	(575) 393-2326 FAX (575) 393-247 Etech Environmental & Safety Solution		nc			_	188	200	R	LL TO					ANAL	YSIS R	REQUEST	of 2
ompany Name:		115, 1	110.				D.	0. #:	Di	LL 10								
roject Manager	: Lance Crenshaw						$\vdash$		-			1						
ddress: 261	7 West Marland							mpa	ny:	Mewb		1					1 1	
ity: Hobbs	State: NM	Zip:		88240	)		At	tn:		Connor Wa	ker	1					1 1	
hone #: (575	5) 264-9884 Fax #:						Ad	ldres	s:			-	1				1 1	
roject #: 208	82 Project Owner		N	lewbo	urne		Ci	ty:				١.	Ê	18				
	Delaware Ranch B1BO Flow Line						St	ate:		Zip:		ig	15	(8021B)				
roject Location							Ph	one	#:			Chloride	TPH (8015M)	8				
ampler Name:	Aaron Rios						Fa	x #:				1 5	포	втех				
FOR LAB USE ONLY			П		MATE	XIX		PRE	SERV	. SAME	PLING		=	B				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE OTHER:	ACID/BASE:	ICE / COOL	DATE	TIME							
11	FL 180 @ 4'	С	1		X				Х	8/15/24		X	X	X		$\vdash$	+	
12	FL 181 @ 4'	С	1		X		1		Х	8/15/24		X	X	X		-		-
13	FL 182 @ 4'	С	1		X				Х	8/15/24		X	X	X		-		-
- 1												-	-	$\vdash$	_	-		-
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	and Damages. Cardinal's liability and client's exclusive remedy for a				11													

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 comple 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 or or related to the periodic Relinquished By:	Date: 8/524 Time: 454	Received By:		Verbal Result:	Please provid	de Emai	Phone #: I address: echenv.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	(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



August 21, 2024

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

RE: DELAWARE RANCH B1BO FLOW LINE

Enclosed are the results of analyses for samples received by the laboratory on 08/15/24 14:54.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <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: 08/15/2024 Sampling Date: 08/15/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Alyssa Parras

Applyand By 14

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: TT 1 @ 0' (H244972-01)

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	08/17/2024	ND	2.01	101	2.00	0.587	
Toluene*	<0.050	0.050	08/17/2024	ND	1.92	96.2	2.00	1.12	
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.00	99.9	2.00	1.36	
Total Xylenes*	<0.150	0.150	08/17/2024	ND	5.96	99.3	6.00	1.94	
Total BTEX	<0.300	0.300	08/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 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	9400	16.0	08/19/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2024	ND	222	111	200	7.84	
DRO >C10-C28*	35.4	10.0	08/17/2024	ND	233	116	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					
Surrogate: 1-Chlorooctane	86.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 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: 08/15/2024 Sampling Date: 08/15/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: TT 1 @ 2' (H244972-02)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2024	ND	2.01	101	2.00	0.587	
Toluene*	<0.050	0.050	08/17/2024	ND	1.92	96.2	2.00	1.12	
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.00	99.9	2.00	1.36	
Total Xylenes*	<0.150	0.150	08/17/2024	ND	5.96	99.3	6.00	1.94	
Total BTEX	<0.300	0.300	08/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 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	11000	16.0	08/19/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/16/2024	ND	230	115	200	13.2	
DRO >C10-C28*	<10.0	10.0	08/16/2024	ND	223	111	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	08/16/2024	ND					
Surrogate: 1-Chlorooctane	80.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.0	% 49.1-14	8						

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Celey D. Keine

Cardinal Laboratories



#### Analytical Results For:

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

Fax To:

Received: 08/15/2024 Sampling Date: 08/15/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: TT 1 @ 4' (H244972-03)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2024	ND	2.01	101	2.00	0.587	
Toluene*	<0.050	0.050	08/17/2024	ND	1.92	96.2	2.00	1.12	
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.00	99.9	2.00	1.36	
Total Xylenes*	<0.150	0.150	08/17/2024	ND	5.96	99.3	6.00	1.94	
Total BTEX	<0.300	0.300	08/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.2	% 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	2040	16.0	08/19/2024	ND	432	108	400	0.00	QM-07
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/16/2024	ND	230	115	200	13.2	
DRO >C10-C28*	<10.0	10.0	08/16/2024	ND	223	111	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	08/16/2024	ND					
Surrogate: 1-Chlorooctane	89.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 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

Analyzed By: JH

Fax To:

Received: 08/15/2024 Sampling Date: 08/15/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: TT 1 @ 8' (H244972-04)

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	08/19/2024	ND	2.00	99.9	2.00	3.32	
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.4	2.00	3.18	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.94	96.8	2.00	2.96	QM-07
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.77	96.1	6.00	2.82	QM-07
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 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	4120	16.0	08/19/2024	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	08/16/2024	ND	230	115	200	13.2	
DRO >C10-C28*	<10.0	10.0	08/16/2024	ND	223	111	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	08/16/2024	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 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: 08/15/2024 Sampling Date: 08/15/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: TT 1 @ 12' (H244972-05)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.00	99.9	2.00	3.32	
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.4	2.00	3.18	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.94	96.8	2.00	2.96	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.77	96.1	6.00	2.82	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 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	3840	16.0	08/19/2024	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	08/16/2024	ND	230	115	200	13.2	
DRO >C10-C28*	<10.0	10.0	08/16/2024	ND	223	111	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	08/16/2024	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 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

Analyzed By: JH

Fax To:

Received: 08/15/2024 Sampling Date: 08/15/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: TT 1 @ 16' (H244972-06)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.00	99.9	2.00	3.32	
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.4	2.00	3.18	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.94	96.8	2.00	2.96	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.77	96.1	6.00	2.82	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 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	2240	16.0	08/19/2024	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	08/16/2024	ND	230	115	200	13.2	
DRO >C10-C28*	<10.0	10.0	08/16/2024	ND	223	111	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	08/16/2024	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 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: 08/15/2024 Sampling Date: 08/15/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: TT 1 @ 20' (H244972-07)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.00	99.9	2.00	3.32	
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.4	2.00	3.18	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.94	96.8	2.00	2.96	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.77	96.1	6.00	2.82	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.4	% 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	192	16.0	08/19/2024	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	08/16/2024	ND	230	115	200	13.2	
DRO >C10-C28*	<10.0	10.0	08/16/2024	ND	223	111	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	08/16/2024	ND					
Surrogate: 1-Chlorooctane	105	% 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:

Received: 08/15/2024 Sampling Date: 08/15/2024

Reported: Sampling Type: Soil 08/21/2024

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: TT 2 @ 0' (H244972-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.00	99.9	2.00	3.32	
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.4	2.00	3.18	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.94	96.8	2.00	2.96	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.77	96.1	6.00	2.82	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 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	12400	16.0	08/19/2024	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	08/16/2024	ND	230	115	200	13.2	
DRO >C10-C28*	12.9	10.0	08/16/2024	ND	223	111	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	08/16/2024	ND					
Surrogate: 1-Chlorooctane	106 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

Analyzed By: JH

Fax To:

Received: 08/15/2024 Sampling Date: 08/15/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: TT 2 @ 2' (H244972-09)

BTEX 8021B

	<u> </u>			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.00	99.9	2.00	3.32	
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.4	2.00	3.18	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.94	96.8	2.00	2.96	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.77	96.1	6.00	2.82	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 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	8000	16.0	08/19/2024	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	08/16/2024	ND	230	115	200	13.2	
DRO >C10-C28*	<10.0	10.0	08/16/2024	ND	223	111	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	08/16/2024	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 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: 08/15/2024 Sampling Date: 08/15/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: TT 2 @ 4' (H244972-10)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.00	99.9	2.00	3.32	
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.4	2.00	3.18	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.94	96.8	2.00	2.96	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.77	96.1	6.00	2.82	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 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	7440	16.0	08/19/2024	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	08/16/2024	ND	230	115	200	13.2	
DRO >C10-C28*	<10.0	10.0	08/16/2024	ND	223	111	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	08/16/2024	ND					
Surrogate: 1-Chlorooctane	95.0	% 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

Analyzed By: JH

Fax To:

Received: 08/15/2024 Sampling Date: 08/15/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: TT 2 @ 8' (H244972-11)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.00	99.9	2.00	3.32	
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.4	2.00	3.18	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.94	96.8	2.00	2.96	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.77	96.1	6.00	2.82	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 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	3120	16.0	08/19/2024	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	08/16/2024	ND	230	115	200	13.2	
DRO >C10-C28*	<10.0	10.0	08/16/2024	ND	223	111	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	08/16/2024	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 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: 08/15/2024 Sampling Date: 08/15/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: TT 2 @ 12' (H244972-12)

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	08/19/2024	ND	2.00	99.9	2.00	3.32	
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.4	2.00	3.18	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.94	96.8	2.00	2.96	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.77	96.1	6.00	2.82	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 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	256	16.0	08/19/2024	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	08/16/2024	ND	230	115	200	13.2	
DRO >C10-C28*	<10.0	10.0	08/16/2024	ND	223	111	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	08/16/2024	ND					
Surrogate: 1-Chlorooctane	77.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.9	% 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

Released to Imaging: 12/13/2024 8:38:14 AM

Company Nam	(575) 393-2326 FAX (575) 393-2 e: Etech Environmental & Safety Sol	utions	. Inc	2.	_	_			7// 1 70		-						Page 1 of
Project Manag	er: Lance Crenshaw						P.O.		BILL TO		1	_		ANA	LYSIS	REQUEST	
Address: 26	17 West Marland										-						
City: Hobbs	State: NN	7	p:	88240				pany:		bourne	-		1 1				
hone #: (57	75) 264-9884 Fax #:	2	p:	00240	)	-	Attn:		Connor Wa	alker	-						
	200					-	Addr				1						
	Delaware Ranch B1BO Flow Line	er:		Mewbou	urne	-	City:					5	(a)				
roject Locatio							State		Zip:		Chloride	TPH (8015M)	(8021B)				
ampler Name:	n: 32.052213, -104.055798 Aaron Rios						Phon	e #:			o r	80	8				
FOR LAB USE ONLY	Aaron Rios	_	_		MATR		Fax #	RESERI		PLING	등	I	ВТЕХ				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS		SOIL	SLUDGE	OTHER: ACID/BASE:	ICE / COOL	DATE	TIME							
2	TT 1 @ 2'	G	1		Х	11	+	X	8/15/24		Х	Х	X				
10	TT 1 @ 4'	G	1		X	+	+	X	8/15/24		Х	Х	X				
y	TT 1 @ 8'	G	1		X	+	+	X	8/15/24		Х	X	X				
	TT 1 @ 12'	G	1		X	-	+	X	8/15/24		Х	X	X				
1	TT 1 @ 16'	G	1		X	+	+	X	8/15/24		Х	X	Х				
-	TT 1 @ 20'	G	1		X		+	X	8/15/24		Х	Х	Х				
0	TT 2 @ 0'	G	1		X	+	+	X	8/15/24		Х	Х	X				
0			-			-	+	X	8/15/24		X	X	X				
9	TT 2 @ 2'	G	1 1		X	1 7		X	8/15/24		X						

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Manushed By:	Time:	lpaux		All Results are emailed	I. Please provi	ide Ema	il address: echenv.com
	Date: Rec	eived By:		REMARKS:			
elivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY:	Turnaround Time:	Ctandard		
mpler - UPS - Bus - Other:	Corrected Temp. °C	Cool Intact  Yes Yes  No No No	(Initials)	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

Released to Imaging: 12/13/2024 8:38:14 AM

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ty: Hobbs	State: NM	Zi	p:	88	240				tn:		Connor W		1					
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oject Name:	Delaware Ranch B1BO Flow Line								ate:		Zip:		0	SM)	18			
oject Location	32.052213, -104.055798								one	#:			Chloride	TPH (8015M)	(8021B)			
mpler Name:	Aaron Rios								x #:				을	8	×			
OR LAB USE ONLY		0.	Г		M	ATR	IX		PRE	SERV	. SAM	PLING	10	효	ВТЕХ			
-ab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	SROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	(CID/BASE:	ICE / COOL OTHER:	DATE	TIME						
	TT 2 @ 8'	G	1		_	(	1			X	8/15/24	THE	X	Х	X			
17	TT 2 @ 12'	G	1		)	(				х	8/15/24		x	X	x			
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D: 11/5	Refinquished By:	1454 (	ceived By:		REMARKS:	E	om@et	techenv.com
ved by OC	Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C  -12-0  Corrected Temp. °C  -12-(1-c)	Sample Condition Cool Intact  Yes Yes	CHECKED BY:	Turnaround Time: Thermometer ID #140	Standard Rush		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
vecer.	FORM-006 R 3.5 08/05/24		No No	anges. Please em	Correction Factor -0.6°C ail changes to celey.ke	eene@cardina	allabsi	No No Corrected Town 80



August 21, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: DELAWARE RANCH B1BO FLOW LINE

Enclosed are the results of analyses for samples received by the laboratory on 08/16/24 14:47.

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: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 183 @ 4' (H245002-01)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/20/2024	ND	2.33	117	2.00	1.58	
Toluene*	<0.050	0.050	08/20/2024	ND	2.37	118	2.00	1.28	
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.43	122	2.00	3.05	
Total Xylenes*	<0.150	0.150	08/20/2024	ND	7.30	122	6.00	3.59	
Total BTEX	<0.300	0.300	08/20/2024	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	6530	16.0	08/20/2024	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	08/20/2024	ND	201	100	200	4.35	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	197	98.5	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	82.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.7	% 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 184 @ 4' (H245002-02)

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	08/20/2024	ND	2.33	117	2.00	1.58	
Toluene*	<0.050	0.050	08/20/2024	ND	2.37	118	2.00	1.28	
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.43	122	2.00	3.05	
Total Xylenes*	<0.150	0.150	08/20/2024	ND	7.30	122	6.00	3.59	
Total BTEX	<0.300	0.300	08/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 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	6260	16.0	08/20/2024	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	08/20/2024	ND	201	100	200	4.35	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	197	98.5	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	83.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.7	% 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 185 @ 4' (H245002-03)

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	08/20/2024	ND	2.33	117	2.00	1.58	
Toluene*	<0.050	0.050	08/20/2024	ND	2.37	118	2.00	1.28	
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.43	122	2.00	3.05	
Total Xylenes*	<0.150	0.150	08/20/2024	ND	7.30	122	6.00	3.59	
Total BTEX	<0.300	0.300	08/20/2024	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	8400	16.0	08/20/2024	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	08/20/2024	ND	201	100	200	4.35	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	197	98.5	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.9	% 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 186 @ 4' (H245002-04)

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	08/20/2024	ND	2.33	117	2.00	1.58	
Toluene*	<0.050	0.050	08/20/2024	ND	2.37	118	2.00	1.28	
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.43	122	2.00	3.05	
Total Xylenes*	<0.150	0.150	08/20/2024	ND	7.30	122	6.00	3.59	
Total BTEX	<0.300	0.300	08/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 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	8800	16.0	08/20/2024	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	08/20/2024	ND	201	100	200	4.35	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	197	98.5	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	83.2	% 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 187 @ 4' (H245002-05)

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	08/20/2024	ND	2.33	117	2.00	1.58	
Toluene*	<0.050	0.050	08/20/2024	ND	2.37	118	2.00	1.28	
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.43	122	2.00	3.05	
Total Xylenes*	<0.150	0.150	08/20/2024	ND	7.30	122	6.00	3.59	
Total BTEX	<0.300	0.300	08/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 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	8930	16.0	08/20/2024	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	08/20/2024	ND	201	100	200	4.35	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	197	98.5	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	83.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.5	% 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 188 @ 4' (H245002-06)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/20/2024	ND	2.33	117	2.00	1.58	
Toluene*	<0.050	0.050	08/20/2024	ND	2.37	118	2.00	1.28	
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.43	122	2.00	3.05	
Total Xylenes*	<0.150	0.150	08/20/2024	ND	7.30	122	6.00	3.59	
Total BTEX	<0.300	0.300	08/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 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	6530	16.0	08/20/2024	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	08/20/2024	ND	201	100	200	4.35	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	197	98.5	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	83.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.4	% 49.1-14	18						

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Celeg D. Frene



#### Analytical Results For:

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

Analyzed By: JH

Fax To:

Received: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 189 @ 4' (H245002-07)

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	08/19/2024	ND	2.00	99.8	2.00	0.208	
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.7	2.00	0.277	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.94	96.9	2.00	0.290	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.75	95.8	6.00	0.423	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 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	6900	16.0	08/20/2024	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	08/20/2024	ND	201	100	200	4.35	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	197	98.5	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	75.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.6	% 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Type: Soil

Sampling Condition: Cool & Intact

Alyssa Parras

Project Number: 20882 Sample Received By:

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 190 @ 4' (H245002-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.00	99.8	2.00	0.208	
Toluene*	< 0.050	0.050	08/19/2024	ND	1.93	96.7	2.00	0.277	
Ethylbenzene*	< 0.050	0.050	08/19/2024	ND	1.94	96.9	2.00	0.290	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.75	95.8	6.00	0.423	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 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	5300	16.0	08/20/2024	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	08/20/2024	ND	201	100	200	4.35	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	197	98.5	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.3	% 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

Analyzed By: JH

Fax To:

Received: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 191 @ 4' (H245002-09)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.00	99.8	2.00	0.208	
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.7	2.00	0.277	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.94	96.9	2.00	0.290	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.75	95.8	6.00	0.423	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.3	% 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	5920	16.0	08/20/2024	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	08/20/2024	ND	201	100	200	4.35	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	197	98.5	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	80.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.1	% 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 192 @ 4' (H245002-10)

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	08/19/2024	ND	2.00	99.8	2.00	0.208	
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.7	2.00	0.277	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.94	96.9	2.00	0.290	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.75	95.8	6.00	0.423	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 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	6000	16.0	08/20/2024	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	08/20/2024	ND	201	100	200	4.35	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	197	98.5	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Sample Received By:

08/16/2024

Alyssa Parras

#### Analytical Results For:

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

Received: 08/16/2024 Sampling Date:

Reported: 08/21/2024 Sampling Type: Soil
Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact

Project Number: 20882

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 193 @ 4' (H245002-11)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.00	99.8	2.00	0.208	
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.7	2.00	0.277	
Ethylbenzene*	< 0.050	0.050	08/19/2024	ND	1.94	96.9	2.00	0.290	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.75	95.8	6.00	0.423	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 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	3760	16.0	08/20/2024	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	08/20/2024	ND	201	100	200	4.35	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	197	98.5	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	88.3	% 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

Analyzed By: 14

Fax To:

Received: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 194 @ 4' (H245002-12)

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	08/19/2024	ND	2.00	99.8	2.00	0.208	
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.7	2.00	0.277	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.94	96.9	2.00	0.290	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.75	95.8	6.00	0.423	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9 % 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	7200	16.0	08/20/2024	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	08/20/2024	ND	201	100	200	4.35	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	197	98.5	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	84.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.7	% 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 195 @ 4' (H245002-13)

BTEX 8021B

				<u> </u>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.00	99.8	2.00	0.208	
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.7	2.00	0.277	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.94	96.9	2.00	0.290	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.75	95.8	6.00	0.423	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 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	7120	16.0	08/20/2024	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	08/20/2024	ND	201	100	200	4.35	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	197	98.5	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	88.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Celey D. Keine



Cool & Intact

Alyssa Parras

#### Analytical Results For:

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

Analyzed By: JH

Fax To:

Received: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition:
Project Number: 20882 Sample Received By:

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 196 @ 4' (H245002-14)

BTEX 8021B

				<u> </u>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.00	99.8	2.00	0.208	
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.7	2.00	0.277	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.94	96.9	2.00	0.290	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.75	95.8	6.00	0.423	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 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	5920	16.0	08/20/2024	ND	400	100	400	0.00	QM-07
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	201	100	200	4.35	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	197	98.5	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	91.0	% 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

Analyzed By: JH

Fax To:

Received: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 197 @ 4' (H245002-15)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.00	99.8	2.00	0.208	
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.7	2.00	0.277	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.94	96.9	2.00	0.290	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.75	95.8	6.00	0.423	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.5	% 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	7040	16.0	08/20/2024	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	08/20/2024	ND	201	100	200	4.35	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	197	98.5	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	87.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 198 @ 4' (H245002-16)

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	08/19/2024	ND	2.00	99.8	2.00	0.208	
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.7	2.00	0.277	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.94	96.9	2.00	0.290	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.75	95.8	6.00	0.423	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 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	4320	16.0	08/20/2024	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	08/20/2024	ND	201	100	200	4.35	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	197	98.5	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

## 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: Sampling Type: Soil 08/21/2024

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 199 @ 4' (H245002-17)

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	08/19/2024	ND	2.00	99.8	2.00	0.208	
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.7	2.00	0.277	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.94	96.9	2.00	0.290	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.75	95.8	6.00	0.423	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 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	6240	16.0	08/20/2024	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	08/20/2024	ND	206	103	200	5.36	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	195	97.5	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	76.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.8	% 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: Sampling Type: Soil 08/21/2024

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 200 @ 4' (H245002-18)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.00	99.8	2.00	0.208	
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.7	2.00	0.277	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.94	96.9	2.00	0.290	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.75	95.8	6.00	0.423	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 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	5760	16.0	08/20/2024	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	08/20/2024	ND	206	103	200	5.36	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	195	97.5	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	78.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.1	% 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 201 @ 4' (H245002-19)

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	08/19/2024	ND	2.00	99.8	2.00	0.208	
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.7	2.00	0.277	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.94	96.9	2.00	0.290	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.75	95.8	6.00	0.423	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 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	4880	16.0	08/20/2024	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	08/20/2024	ND	206	103	200	5.36	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	195	97.5	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	73.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.5	% 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 202 @ 4' (H245002-20)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.00	99.8	2.00	0.208	
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.7	2.00	0.277	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.94	96.9	2.00	0.290	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.75	95.8	6.00	0.423	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1	% 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	5760	16.0	08/20/2024	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	08/20/2024	ND	206	103	200	5.36	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	195	97.5	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	75.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.4	% 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 203 @ 4' (H245002-21)

BTEX 8021B

DIEX GOZID	1119/	- Kg	Allulyzo	.u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.00	99.8	2.00	0.208	
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.7	2.00	0.277	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.94	96.9	2.00	0.290	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.75	95.8	6.00	0.423	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 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	6880	16.0	08/20/2024	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	08/20/2024	ND	206	103	200	5.36	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	195	97.5	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	73.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.2	% 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 204 @ 4' (H245002-22)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.00	99.8	2.00	0.208	
Toluene*	<0.050	0.050	08/19/2024	ND	1.93	96.7	2.00	0.277	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	1.94	96.9	2.00	0.290	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	5.75	95.8	6.00	0.423	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 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	6000	16.0	08/20/2024	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	08/20/2024	ND	206	103	200	5.36	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	195	97.5	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	75.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.6	% 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 205 @ 4' (H245002-23)

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	08/20/2024	ND	2.00	99.8	2.00	0.208	
Toluene*	<0.050	0.050	08/20/2024	ND	1.93	96.7	2.00	0.277	
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	1.94	96.9	2.00	0.290	
Total Xylenes*	<0.150	0.150	08/20/2024	ND	5.75	95.8	6.00	0.423	
Total BTEX	<0.300	0.300	08/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 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	5200	16.0	08/20/2024	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	08/20/2024	ND	206	103	200	5.36	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	195	97.5	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	76.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.3	% 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 206 @ 4' (H245002-24)

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	08/20/2024	ND	1.89	94.4	2.00	3.02	
Toluene*	<0.050	0.050	08/20/2024	ND	1.78	89.1	2.00	3.19	
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	1.85	92.3	2.00	3.29	
Total Xylenes*	<0.150	0.150	08/20/2024	ND	5.48	91.3	6.00	3.24	
Total BTEX	<0.300	0.300	08/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 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	7120	16.0	08/20/2024	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	08/20/2024	ND	206	103	200	5.36	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	195	97.5	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	78.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.1	% 49.1-14	8						

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Celey D. Keene



Cool & Intact

Alyssa Parras

#### Analytical Results For:

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

Fax To:

Received: 08/16/2024 Sampling Date: 08/16/2024

Reported: Sampling Type: Soil 08/21/2024

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Project Number: 20882 Sample Received By:

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 207 @ 4' (H245002-25)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/20/2024	ND	1.89	94.4	2.00	3.02	
Toluene*	<0.050	0.050	08/20/2024	ND	1.78	89.1	2.00	3.19	
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	1.85	92.3	2.00	3.29	
Total Xylenes*	<0.150	0.150	08/20/2024	ND	5.48	91.3	6.00	3.24	
Total BTEX	<0.300	0.300	08/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 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	6160	16.0	08/20/2024	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	08/20/2024	ND	206	103	200	5.36	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	195	97.5	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	76.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.7	% 49.1-14	8						

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08/16/2024

#### Analytical Results For:

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

Received: 08/16/2024 Sampling Date:

Reported: Sampling Type: Soil 08/21/2024

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 208 @ 4' (H245002-26)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/20/2024	ND	1.89	94.4	2.00	3.02	
Toluene*	<0.050	0.050	08/20/2024	ND	1.78	89.1	2.00	3.19	
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	1.85	92.3	2.00	3.29	
Total Xylenes*	<0.150	0.150	08/20/2024	ND	5.48	91.3	6.00	3.24	
Total BTEX	<0.300	0.300	08/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 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	5120	16.0	08/20/2024	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	08/20/2024	ND	206	103	200	5.36	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	195	97.5	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	75.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.6	% 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

Analyzed By: JH

Fax To:

Received: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 209 @ 4' (H245002-27)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/20/2024	ND	2.03	102	2.00	0.935	
Toluene*	<0.050	0.050	08/20/2024	ND	1.99	99.5	2.00	0.358	
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.00	100	2.00	1.62	
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.00	99.9	6.00	1.72	
Total BTEX	<0.300	0.300	08/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 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	4640	16.0	08/20/2024	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	08/20/2024	ND	206	103	200	5.36	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	195	97.5	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	76.8	% 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 210 @ 4' (H245002-28)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/20/2024	ND	2.03	102	2.00	0.935	
Toluene*	<0.050	0.050	08/20/2024	ND	1.99	99.5	2.00	0.358	
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.00	100	2.00	1.62	
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.00	99.9	6.00	1.72	
Total BTEX	<0.300	0.300	08/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 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	4480	16.0	08/20/2024	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	08/20/2024	ND	206	103	200	5.36	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	195	97.5	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	73.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.1	% 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 211 @ 4' (H245002-29)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/20/2024	ND	2.03	102	2.00	0.935	
Toluene*	<0.050	0.050	08/20/2024	ND	1.99	99.5	2.00	0.358	
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.00	100	2.00	1.62	
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.00	99.9	6.00	1.72	
Total BTEX	<0.300	0.300	08/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 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	5840	16.0	08/20/2024	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	08/20/2024	ND	206	103	200	5.36	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	195	97.5	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	74.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.4	% 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 212 @ 4' (H245002-30)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/20/2024	ND	2.03	102	2.00	0.935	
Toluene*	<0.050	0.050	08/20/2024	ND	1.99	99.5	2.00	0.358	
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.00	100	2.00	1.62	
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.00	99.9	6.00	1.72	
Total BTEX	<0.300	0.300	08/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 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	5920	16.0	08/20/2024	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	08/20/2024	ND	206	103	200	5.36	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	195	97.5	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	70.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.6	% 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: Sampling Type: Soil 08/21/2024

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: FL 213 @ 4' (H245002-31)

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	08/20/2024	ND	2.03	102	2.00	0.935	
Toluene*	<0.050	0.050	08/20/2024	ND	1.99	99.5	2.00	0.358	
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.00	100	2.00	1.62	
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.00	99.9	6.00	1.72	
Total BTEX	<0.300	0.300	08/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 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	3000	16.0	08/20/2024	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	08/20/2024	ND	206	103	200	5.36	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	195	97.5	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	72.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.1	% 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 214 @ 4' (H245002-32)

BTEX 8021B

	9,	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/20/2024	ND	2.03	102	2.00	0.935	
Toluene*	<0.050	0.050	08/20/2024	ND	1.99	99.5	2.00	0.358	
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.00	100	2.00	1.62	
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.00	99.9	6.00	1.72	
Total BTEX	<0.300	0.300	08/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 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	7520	16.0	08/20/2024	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	08/20/2024	ND	206	103	200	5.36	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	195	97.5	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	77.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.1	% 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: FL 215 @ 4' (H245002-33)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/20/2024	ND	2.03	102	2.00	0.935	
Toluene*	<0.050	0.050	08/20/2024	ND	1.99	99.5	2.00	0.358	
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.00	100	2.00	1.62	
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.00	99.9	6.00	1.72	
Total BTEX	<0.300	0.300	08/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 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	7840	16.0	08/20/2024	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	08/20/2024	ND	206	103	200	5.36	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	195	97.5	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	78.1	% 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: NW 7 (H245002-34)

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	08/20/2024	ND	2.03	102	2.00	0.935	
Toluene*	<0.050	0.050	08/20/2024	ND	1.99	99.5	2.00	0.358	
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.00	100	2.00	1.62	
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.00	99.9	6.00	1.72	
Total BTEX	<0.300	0.300	08/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 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	192	16.0	08/20/2024	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	08/20/2024	ND	206	103	200	5.36	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	195	97.5	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	75.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.6	% 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: NW 8 (H245002-35)

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	08/20/2024	ND	2.03	102	2.00	0.935	
Toluene*	<0.050	0.050	08/20/2024	ND	1.99	99.5	2.00	0.358	
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.00	100	2.00	1.62	
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.00	99.9	6.00	1.72	
Total BTEX	<0.300	0.300	08/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1	% 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	288	16.0	08/20/2024	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	08/20/2024	ND	206	103	200	5.36	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	195	97.5	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	66.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.1	% 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: NW 9 (H245002-36)

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	08/20/2024	ND	2.03	102	2.00	0.935	
Toluene*	<0.050	0.050	08/20/2024	ND	1.99	99.5	2.00	0.358	
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.00	100	2.00	1.62	
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.00	99.9	6.00	1.72	
Total BTEX	<0.300	0.300	08/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 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	144	16.0	08/20/2024	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	08/20/2024	ND	206	103	200	5.36	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	195	97.5	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					
Surrogate: 1-Chlorooctane	66.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.2	% 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: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: SW 9 (H245002-37)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/20/2024	ND	2.03	102	2.00	0.935	
Toluene*	<0.050	0.050	08/20/2024	ND	1.99	99.5	2.00	0.358	
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.00	100	2.00	1.62	
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.00	99.9	6.00	1.72	
Total BTEX	<0.300	0.300	08/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 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	08/20/2024	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	08/19/2024	ND	211	106	200	6.79	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	204	102	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					
Surrogate: 1-Chlorooctane	94.2	% 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

Analyzed By: JH

Fax To:

Received: 08/16/2024 Sampling Date: 08/16/2024

Reported: 08/21/2024 Sampling Type: Soil

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Cool & Intact
Project Number: 20882 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052213-104.055798

mg/kg

#### Sample ID: WW 1 (H245002-38)

BTEX 8021B

	<u> </u>			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/20/2024	ND	2.03	102	2.00	0.935	
Toluene*	<0.050	0.050	08/20/2024	ND	1.99	99.5	2.00	0.358	
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.00	100	2.00	1.62	
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.00	99.9	6.00	1.72	
Total BTEX	<0.300	0.300	08/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 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	64.0	16.0	08/20/2024	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	08/19/2024	ND	211	106	200	6.79	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	204	102	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.3	% 49.1-14	8						

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Cool & Intact

Alyssa Parras

#### Analytical Results For:

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

Fax To:

Received: 08/16/2024 Sampling Date: 08/16/2024

Reported: Sampling Type: Soil 08/21/2024

Project Name: DELAWARE RANCH B1BO FLOW LINE Sampling Condition: Project Number: 20882 Sample Received By:

Project Location: MEWBOURNE 32.052213-104.055798

#### Sample ID: WW 2 (H245002-39)

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	08/20/2024	ND	2.03	102	2.00	0.935	
Toluene*	<0.050	0.050	08/20/2024	ND	1.99	99.5	2.00	0.358	
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.00	100	2.00	1.62	
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.00	99.9	6.00	1.72	
Total BTEX	<0.300	0.300	08/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 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	08/20/2024	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	08/19/2024	ND	211	106	200	6.79	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	204	102	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					
Surrogate: 1-Chlorooctane	89.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.7	% 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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Celeg D. Freene

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Released to Imaging: 12/13/2024 8:38:14 AM

Company Name	a daidty don	utions	Inc.					В	ILL TO					ΔΝΔ	2I2V I	REQUE	СТ	
Project Manage	er: Lance Crenshaw						P.O.							Olyo	1 1	REQUE	31	
Address: 26	17 West Marland						Com	pany:	Mew	bourne	1				1 1			
City: Hobbs	State: NM	Zij	o:	88240			Attn		Connor Wa		1				1 1			
Phone #: (57	'5) 264-9884 Fax #:						Addı	ress:			1				1 1			
Project #: 208	882 Project Owner	er:	- 1	Mewbou	rne		City:						<u></u>		1 1			
roject Name:	Delaware Ranch B1BO Flow Line						State		Zip:		9	TPH (8015M)	(8021B)					
Project Location	n: 32.052213, -104.055798						Phor	ne #:			Chloride	5	80					
Sampler Name:	Aaron Rios						Fax i				글	8	×					
FOR LAB USE ONLY		1.	П	M	IATRI	Χ .	P	RESERV	. SAMI	PLING	10	直	ВТЕХ		1 1			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER WASTEWATER	SOIL	SLUDGE	ACID/RASE	CE / COOL OTHER:	DATE	TIME								
1	FL 183 @ 4'	С	1		X		T	X	8/16/24		Х	X	х			_		$\dashv$
2	FL 184 @ 4'	С	1		X			X	8/16/24		Х	Х	X					-
	FL 185 @ 4'	С	1		X			Х	8/16/24		Х	Х	X					+
	FL 186 @ 4'	С	1	)	(			X	8/16/24		Х	X	Х					
-	FL 187 @ 4'	C	1	)	(		1	X	8/16/24		Х	Х	X					$\exists$
	FL 188 @ 4'	C	1	)	(		1	X	8/16/24		Х	Х	Х					$\forall$
<u> </u>	FL 189 @ 4'	С	1	)	_		1	X	8/16/24		Х	Х	X					
_	FL 190 @ 4'	С	1	)			1	X	8/16/24		Х	X	Х					
	FL 191 @ 4'	С	1	)	-		1	X	8/16/24		Х	X	Х		_ 4			1
10	FL 192 @ 4' d Damages. Cardina's liability and client's exclusive remedy for a	C	11	X				X	8/16/24		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 By:	Date: Re	eceived By:	on any of the above stated rea	Verbal Result: ☐ Y	es 🗆 No Add	I Phone #:
Mother	X-1024	Donne		All Results are emailed		ail address: techenv.com
Belinquished By:	Date: Re	eceived By:		REMARKS:		
Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY:	Turnaround Time:	Standard X	Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool Intact  Ves Yes  No No	(Initials)	Thermometer ID #140 Correction Factor -0.6°C	Rush	Cool Intact Observed Temp. °C  Yes Yes  No No Corrected Temp. °C

Released to Imaging: 12/13/2024 8:38:14 AM

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Nam	The state of the s	lutions	, Inc.				18	В	ILL TO		8			ΔN	AI VCI	e pro	QUEST		
Project Manag	er: Lance Crenshaw						P.C	). #:						AIN	ALTSI	S KEG	UEST		
Address: 26	17 West Marland						Cor	npany:	Mew	bourne	1						1 1		
City: Hobbs	State: N	/ Zi	p:	88240	)		Attı		Connor Wa		1							- 1	
Phone #: (5	75) 264-9884 Fax #:							fress:	COMMON TWO	ainci	1								
Project #: 20	882 Project Own	er:	-	Mewbou	ırne		City				1								
Project Name:	Delaware Ranch B1BO Flow Line						Stat		Zip:			N N	18						
Project Location								ne #:	Lip.		Chloride	TPH (8015M)	(8021B)						
Sampler Name:	Aaron Rios						Fax				1 8	8	2						
FOR LAB USE ONLY		Т	П	1	MATR	IX		PRESERV	/. SAME	PLING	10	표	втех						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ICE / COOL	DATE	TIME									
11	FL 193 @ 4'	С	1		X	10)	Ť.	X	8/16/24	THE	X	Х	~	-	+			_	_
12	FL 194 @ 4'	С	1		Х		1	X	8/16/24		x	X	X	-	+		-	_	-
13	FL 195 @ 4'	С	1		х		1	X	8/16/24		x	X	X	-	+		-		+-
	FL 196 @ 4'	С	1		Х			X	8/16/24		X	X	X		+				+
	FL 197 @ 4'	С	1		Х			X	8/16/24		X	X	X		+		-	-	-
	FL 198 @ 4'	С	1		Х			X	8/16/24		X	X	X		1		-	-	-
	FL 199 @ 4'	С	1		X			Х	8/16/24		X	X	X	_				_	+
1 0	FL 200 @ 4'	С	1		Х			Х	8/16/24		X	X	X					_	+
	FL 201 @ 4'	С	1		Х			X	8/16/24		X	X	X					_	+
70	FL 202 @ 4 <sup>1</sup> If Damages, Cardinal's liability and client's exclusive remedy for g those for negligence and any other cause whatsoever shall be	C	1		X			v	0440104		X	X	x	-			-	_	

Z	19	FL 201 @ 4'		C	1	X	X	8/16/24	X		Х	X		_			_	-	+
~	PLEASE NOTE: Liability	FL 202 @ 4'		С	1	X	X	8/16/24			X	X	+				-	-	+
/5/2024 9:5	service. In no event shall affiliates or successors aris Relinquished B	Cardinal be liable for incidental or sing out of or related to the performance of the cardinal out of the performance of the cardinal out of the performance of the cardinal out of the ca	and client's exclusive remedy for an order cause whatsoever shall be de- r consequental damages, including w mance of services hereunder by Car  Date: Time;  Time;	Red	mitation, gardless Ceive	ess made in writing and received business interruptions, loss of use of whether such claim is based up d By:	by Cardinal within	in 30 days after of is incurred by clie sove stated reaso	completion of the applicable		Yes		ovide Em	l'I Phone ail addre etechen	ess:				
by	Sampler - UPS -	Bus - Other:	Observed Temp. °C			Sample Condition Cool Intact  Yes Yes  No No No	CHECK (Initi	als)	Turnaround Tim Thermometer ID Correction Factor	#140	°C	Standard Rush		Cool	Intact S Yes	Obser	Condition rved Temp.		
Rec	FORM	1-006 R 3.5 08/05/24	† Can	dinal	cani	not accept verbal ch	nanges. P	lease ema	ail changes to d	cele	y.kee	ne@card	linallabs	nm.con	n	201101	neu remp.	•	

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Nam	and a callety of	lutions	, Inc				8	В	ILL TO		8			AMALVO	NO DE	011505		
Project Manag	er: Lance Crenshaw						P	.0. #:			-			ANALYS	SIS RE	QUEST	_	_
Address: 26	17 West Marland						c	ompany:	Mew	bourne	1							1
ity: Hobbs	State: N	M Zi	p:	8824	10			ttn:	Connor Wa		1						- 1	
hone #: (57	75) 264-9884 Fax #:							ddress:	John W	ain Ci	1							
roject #: 20	882 Project Ow	ner:		Mewb	ourne			ity:			1							
roject Name:	Delaware Ranch B1BO Flow Line							ate:	Zip:		1 .	TPH (8015M)	(8021B)					
roject Locatio							1	none #:	Lip.		Chloride	016	302					
ampler Name:								ix #:			음	(8)	×					1
FOR LAB USE ONLY			Т		MAT	RIX	1	PRESERV	SAME	PLING	10	표	ВТЕХ			1 1		
24 602	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	OTHER:	ACID/BASE: ICE / COOL COTHER:	DATE	TIME								
21	FL 203 @ 4'	С	1		X			X	8/16/24		Х	Х	X				_	
	FL 204 @ 4'	С	1		X			X	8/16/24		X	Х	Х					
	FL 205 @ 4'	C	1		Х			X	8/16/24		Х	Х	X					
1.	FL 206 @ 4' FL 207 @ 4'	С	1		X	+		Х	8/16/24		Х	Х	X					
	FL 208 @ 4'	C	1		X	+	$\perp$	X	8/16/24		Х	Х	Х					
	FL 209 @ 4'	C	1	-	X	+	$\vdash$	X	8/16/24		Х	X	X	4				
	FL 210 @ 4'	C	1	-	X	+	$\vdash$	X	8/16/24		Х	Х	X					
	FL 211 @ 4'	C	H		X	-	$\vdash$	X	8/16/24		Х	Х	Х				1 2	
					X		1 1	X	8/16/24		l x l	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 By:	Date: Rec	gardless of whether such claim is based up ceived By:	and the state of t	Verbal Result: ☐ Y	es 🗆 No	Add	I Phone #:
Relinquished By:	Time:	paus		All Results are emailed	I. Please prov	ide Ema pm@e	ail address: techenv.com
Standard Dy.	Time:	eived By:		REMARKS:			
C	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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Nam		al & Safety Solution	ns, l	nc.					В	ILL TO		9			AN	AL VOI	0 05/	211505		
Project Manage	er: Lance Crenshaw							P.O.				1	T		AN	ALYSI	S REC	QUEST		_
Address: 26	17 West Marland							Com	pany:	Mew	bourne	1								
City: Hobbs		State: NM	Zip:	88	3240			Attn:		Connor Wa		1								
hone #: (57	75) 264-9884	Fax #:						Addr	ess:	30,000	anoi	1								
roject #: 20	882	Project Owner:		Me	wbour	ne		City:				1							- 1	
roject Name:	Delaware Ranch B1BO	Flow Line						State		Zip:		0	TPH (8015M)	(8021B)						
roject Locatio	n: 32.052213, -104.05	5798						Phon		Lip.		Chloride	9	802						
ampler Name:	Aaron Rios						_	ax #				1 을	8	×						
FOR LAB USE ONLY				T	M	ATRI)		_	RESERV.	SAME	PLING	10	효	ВТЕХ					4	
Lab I.D. 245002	Sample I.		(G)RAB OR (C)OMP.	# CONTAINERS  BROUNDWATER	WASTEWATER	OIL	SLUDGE	ACID/BASE:	ICE / COOL C	DATE	TIME									
31	FL 213 @ 4'		С	1	X	_	0)	1	X	8/16/24	TIME	X	Х	x	_	+			-	+
32	FL 214 @ 4'		C	1	X				Х	8/16/24		x	X	x	_	-			-	+
35	FL 215 @ 4'		C	1	Х				х	8/16/24		x	X	X		-			-	-
24	NW 7		c ·	1	X				Х	8/16/24		X	X	X		1			-	-
21	NW 8		C i	1	X				Х	8/16/24		Х	X	X					+	1
20	NW 9		C 1	1	X				Х	8/16/24		Х	Х	X						+-
20	SW 9		C 1		X				Х	8/16/24		х	Х	х						
20	WW 1		C 1		X				Х	8/16/24		Х	х	Х						+
7	WW 2		C 1		X			1	х	8/16/24		х	X	X				-	-	-

d 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:	8-110-24 Rece	eived By:	pon any of the above stated re-	Verbal Result:	es 🗆 No	Add	I Phone #:
Religioushed By:	Time:	Down Sived By:		All Results are emailed	. Please prov	ide Ema pm@e	ail address: techenv.com
stayladasida By.	Date: Rece	eived By:		REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C  Corrected Temp. °C  5.46	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



August 30, 2024

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

RE: WHITESNAKE 20/21 W2BC FEE #1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/26/24 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: 08/26/2024 Sampling Date: 08/23/2024

Reported: 08/30/2024 Sampling Type: Soil

Project Name: WHITESNAKE 20/21 W2BC FEE #1H BAT Sampling Condition: Cool & Intact
Project Number: 20910 Sample Received By: Tamara Oldaker

Analyzed Dy. 14

Project Location: MEWBOURNE 32.296191-104.11026

#### Sample ID: DELAWARE RANCH PIT SAMPLE (H245178-01)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.01	100	2.00	8.22	
Toluene*	<0.050	0.050	08/27/2024	ND	2.04	102	2.00	7.61	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.09	104	2.00	7.14	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	6.35	106	6.00	7.35	
Total BTEX	<0.300	0.300	08/27/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 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	144	16.0	08/27/2024	ND	448	112	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	188	94.0	200	3.41	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	199	99.4	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					
Surrogate: 1-Chlorooctane	117 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 %	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

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

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

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

Cardinal Laboratories \*=Accredited Analyte

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

Celeg D. Freene



# CHAIN-OF-CUSTODY AND ANALYSIS 15 EQ

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

Project Manager:	Lance Crenshaw	ental & Safety Solut	10115,	IIIC					8			BI	LL TO					ANAI	YSIS	REQU	JES
101ess: 26171	Vest Marland								P.	O. #	<b>#</b> :										
Hobbs									Company: Mewbourne					oourne	1						
Phone #: (575)	75) 264-9884							Attn: Connor Walker													
10Ject #: 20010								Ac	ddre	ss:											
Project Name: Whitesnake 20/21 W2BC Fee #1H Battery  Project Location: 32.296191 104446									City:						1						
Project Location:	illesnake 20/21 W	2BC Fee #1H Batte	гу							ate:			Zip:		0	Z	=				
painpler Name	1011-104	11026								none			Lip.		Chloride	9	02				
FOR LAB USE ONLY	Dominic Casarez									x #:		_			은	8	2				
				Т	MATRIX			li a	-	ESE	RV.I	SAMI	IPLING	O	TPH (8015M)	BTEX (8021B)					
Lab I.D.	Samuel		(C)OMP.	ERS	TER	ER					V	1				-	B.				
1245178	Sample		G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	CE / COOL	OTHER:									
/ Del	aware Ranch Pit	Sample	C	1	O		X	S	0	¥		0	DATE	TIME							
			1	ľ		1	^	+			Х	+	8/23/24		Х	X	X				
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NOTE: Liability and Damag	S. Cardinal's Eability					7	+		+		H	+					- 1				
All claims including those for in overant shall cardinal be or successors arising out or out in the control of	negligence and any other liable for incidental or con-	ent's exclusive remedy for any cause whatsoever shall be dee	claim a	arising aived o	wheth	er base	d in cor	ntract or	r fort, s	shall be	e limite	to the	amount paid by	the client for the							
dushed By:	related to the performance	or services hereunder by Card	thout lin	nitatio gardle	n, busi ss of w	ness in hether	terruptii such cli	ons, los aim is t	ss of us based u	se, or lo upon ar	oss of p	rofits i	nourred by client e stated reason	l, its subsidiaries, s or otherwise.	privature						
	-/-	8 66-64	Red	ceiv	ed E	Зу:			/	71	1	,	/	reibai Nes	buit.	☐ Yes					
luished By:	No	Time: 145/ 9		1	21	1/1	40	7	1	11/1	101	4	0	All Results	are em	alled.	Please pro	pm@etec			
		Date:	Rec	eiv	ed E	By:	ia	-6	W/C	W	uk	-	C	REMARKS							
red By: (Circle On		Time:										/		LIMITIO							
r - UPS - Bus - (	0.	served Temp. °C	10		· c	amn	e Co	ndist	on		CLIE	01/5	0.0%								
- Bus - (	Other: Co	rrected Temp. °C	6.8		C	ool	Inta	Yes	OII			CKE nitia	DBY:	Turnaround	Time:		Standard Rush		Bacteri Cool I	a (only) S	Obs

### Appendix E Regulatory Correspondence

From: OCDOnline@state.nm.us

To: Connor Walker

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 370033

**Date:** Friday, August 2, 2024 4:16:22 PM

To whom it may concern (c/o Connor Walker for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2421554026.

The sampling event is expected to take place:

**When:** 08/07/2024 @ 08:00

**Where:** O-11-26S-28E 0 FNL 0 FEL (32.05209,-104.05617)

**Additional Information:** Aaron Rios

Phone: 432-701-8602 aaronr@etechenv.com

**Additional Instructions:** From the intersection of US-285 and White City Rd, (GPS: 32.061250,-104.065759) Head S on US-285 for 03 miles, E for 49 miles, S around loop for 03 miles. E for 05 miles, Proceed S on the ROW for 57 miles, Release is in the pasture to the E. Delaware Ranch B1bo Flow Line (GPS: 32.052213,-104.055798)

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: Connor Walker

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 370035

**Date:** Friday, August 2, 2024 4:17:42 PM

To whom it may concern (c/o Connor Walker for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2421554026.

The sampling event is expected to take place:

**When:** 08/08/2024 @ 08:00

**Where:** O-11-26S-28E 0 FNL 0 FEL (32.05209,-104.05617)

**Additional Information:** Aaron Rios

Phone: 432-701-8602, aaronr@etechenv.com

**Additional Instructions:** From the intersection of US-285 and White City Rd, (GPS: 32.061250,-104.065759) Head S on US-285 for 03 miles, E for 49 miles, S around loop for 03 miles. E for 05 miles, Proceed S on the ROW for 57 miles, Release is in the pasture to the E. Delaware Ranch B1bo Flow Line (GPS: 32.052213,-104.055798)

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: Connor Walker

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 370036

**Date:** Friday, August 2, 2024 4:18:52 PM

To whom it may concern (c/o Connor Walker for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2421554026.

The sampling event is expected to take place:

**When:** 08/09/2024 @ 08:00

**Where:** O-11-26S-28E 0 FNL 0 FEL (32.05209,-104.05617)

**Additional Information:** Aaron Rios

Phone: 432-701-8602 aaronr@etechenv.com

**Additional Instructions:** From the intersection of US-285 and White City Rd, (GPS: 32.061250,-104.065759) Head S on US-285 for 03 miles, E for 49 miles, S around loop for 03 miles. E for 05 miles, Proceed S on the ROW for 57 miles, Release is in the pasture to the E. Delaware Ranch B1bo Flow Line (GPS: 32.052213,-104.055798)

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>Matthew A. Grieco</u>; <u>Ben Arguijo</u>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 372543

**Date:** Monday, August 12, 2024 12:16:29 PM

**From:** Jeff Broom <jbroom@mewbourne.com> **Sent:** Monday, August 12, 2024 11:15 AM **To:** Lance Crenshaw <lance@etechenv.com>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372543

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

**Sent:** Monday, August 12, 2024 9:38 AM **To:** Jeff Broom < <u>ibroom@mewbourne.com</u>>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372543

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#) nAPP2421554026.

The sampling event is expected to take place:

**When:** 08/14/2024 @ 10:00

**Where:** O-11-26S-28E 0 FNL 0 FEL (32.05209,-104.05617)

**Additional Information:** Aaron Rios

(432)701-8602

**Additional Instructions:** From the intersection of US-285 and White City Rd, (GPS: 32.061250,-104.065759) Head S on US-285 for 03 miles, E for 49 miles, S around loop for 03 miles. E for 05 miles, Proceed S on the ROW for 57 miles, Release is in the pasture to the E. Delaware Ranch B1bo Flow Line (GPS: 32.052213,-104.055798)

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.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

To: <u>Matthew A. Grieco</u>; <u>Ben Arguijo</u>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 372553

**Date:** Monday, August 12, 2024 12:16:31 PM

**From:** Jeff Broom <jbroom@mewbourne.com> **Sent:** Monday, August 12, 2024 11:15 AM **To:** Lance Crenshaw <lance@etechenv.com>

**Subject:** FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372553

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

**Sent:** Monday, August 12, 2024 9:44 AM **To:** Jeff Broom < <u>ibroom@mewbourne.com</u>>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372553

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#) nAPP2421554026.

The sampling event is expected to take place:

When: 08/15/2024 @ 08:00

**Where:** O-11-26S-28E 0 FNL 0 FEL (32.05209,-104.05617)

**Additional Information:** Aaron Rios

(432)701-8602

**Additional Instructions:** From the intersection of US-285 and White City Rd, (GPS: 32.061250,-104.065759) Head S on US-285 for 03 miles, E for 49 miles, S around loop for 03 miles. E for 05 miles, Proceed S on the ROW for 57 miles, Release is in the pasture to the E. Delaware Ranch B1bo Flow Line (GPS: 32.052213,-104.055798)

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.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

To: <u>Matthew A. Grieco</u>; <u>Ben Arguijo</u>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 372559

**Date:** Monday, August 12, 2024 12:16:39 PM

**From:** Jeff Broom <jbroom@mewbourne.com> **Sent:** Monday, August 12, 2024 11:15 AM **To:** Lance Crenshaw <lance@etechenv.com>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372559

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

**Sent:** Monday, August 12, 2024 9:47 AM **To:** Jeff Broom < <u>ibroom@mewbourne.com</u>>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372559

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#) nAPP2421554026.

The sampling event is expected to take place:

**When:** 08/16/2024 @ 08:00

**Where:** O-11-26S-28E 0 FNL 0 FEL (32.05209,-104.05617)

**Additional Information:** Aaron Rios

(432)701-8602

**Additional Instructions:** From the intersection of US-285 and White City Rd, (GPS: 32.061250,-104.065759) Head S on US-285 for 03 miles, E for 49 miles, S around loop for 03 miles. E for 05 miles, Proceed S on the ROW for 57 miles, Release is in the pasture to the E. Delaware Ranch B1bo Flow Line (GPS: 32.052213,-104.055798)

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.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

To: <u>Matthew A. Grieco</u>; <u>Ben Arguijo</u>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 372561

**Date:** Monday, August 12, 2024 12:16:44 PM

**From:** Jeff Broom <jbroom@mewbourne.com> **Sent:** Monday, August 12, 2024 11:15 AM **To:** Lance Crenshaw <lance@etechenv.com>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372561

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

**Sent:** Monday, August 12, 2024 9:51 AM **To:** Jeff Broom < <u>ibroom@mewbourne.com</u>>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372561

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#) nAPP2421554026.

The sampling event is expected to take place:

**When:** 08/19/2024 @ 07:30

**Where:** O-11-26S-28E 0 FNL 0 FEL (32.05209,-104.05617)

**Additional Information:** Aaron Rios

(432)701-8602

**Additional Instructions:** From the intersection of US-285 and White City Rd, (GPS: 32.061250,-104.065759) Head S on US-285 for 03 miles, E for 49 miles, S around loop for 03 miles. E for 05 miles, Proceed S on the ROW for 57 miles, Release is in the pasture to the E. Delaware Ranch B1bo Flow Line (GPS: 32.052213,-104.055798)

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.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

To: <u>Matthew A. Grieco</u>; <u>Ben Arguijo</u>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 372565

**Date:** Monday, August 12, 2024 12:16:50 PM

**From:** Jeff Broom <jbroom@mewbourne.com> **Sent:** Monday, August 12, 2024 11:15 AM **To:** Lance Crenshaw <lance@etechenv.com>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372565

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

**Sent:** Monday, August 12, 2024 9:55 AM **To:** Jeff Broom <<u>ibroom@mewbourne.com</u>>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372565

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#) nAPP2421554026.

The sampling event is expected to take place:

**When:** 08/20/2024 @ 07:30

**Where:** O-11-26S-28E 0 FNL 0 FEL (32.05209,-104.05617)

**Additional Information:** Aaron Rios

(432)701-8602

**Additional Instructions:** From the intersection of US-285 and White City Rd, (GPS: 32.061250,-104.065759) Head S on US-285 for 03 miles, E for 49 miles, S around loop for 03 miles. E for 05 miles, Proceed S on the ROW for 57 miles, Release is in the pasture to the E. Delaware Ranch B1bo Flow Line (GPS: 32.052213,-104.055798)

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.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

To: <u>Matthew A. Grieco</u>; <u>Ben Arguijo</u>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 372568

**Date:** Monday, August 12, 2024 12:16:57 PM

**From:** Jeff Broom <jbroom@mewbourne.com> **Sent:** Monday, August 12, 2024 11:15 AM **To:** Lance Crenshaw <lance@etechenv.com>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372568

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

**Sent:** Monday, August 12, 2024 9:59 AM **To:** Jeff Broom < <u>ibroom@mewbourne.com</u>>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372568

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#) nAPP2421554026.

The sampling event is expected to take place:

**When:** 08/21/2024 @ 07:30

**Where:** O-11-26S-28E 0 FNL 0 FEL (32.05209,-104.05617)

**Additional Information:** Aaron Rios

(432)701-8602

**Additional Instructions:** From the intersection of US-285 and White City Rd, (GPS: 32.061250,-104.065759) Head S on US-285 for 03 miles, E for 49 miles, S around loop for 03 miles. E for 05 miles, Proceed S on the ROW for 57 miles, Release is in the pasture to the E. Delaware Ranch B1bo Flow Line (GPS: 32.052213,-104.055798)

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.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

To: <u>Matthew A. Grieco</u>; <u>Ben Arguijo</u>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 372571

**Date:** Monday, August 12, 2024 12:17:03 PM

**From:** Jeff Broom <jbroom@mewbourne.com> **Sent:** Monday, August 12, 2024 11:16 AM **To:** Lance Crenshaw <lance@etechenv.com>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372571

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

**Sent:** Monday, August 12, 2024 10:02 AM **To:** Jeff Broom < <u>ibroom@mewbourne.com</u>>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372571

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#) nAPP2421554026.

The sampling event is expected to take place:

**When:** 08/22/2024 @ 07:30

**Where:** O-11-26S-28E 0 FNL 0 FEL (32.05209,-104.05617)

**Additional Information:** Aaron Rios

(432)701-8602

**Additional Instructions:** From the intersection of US-285 and White City Rd, (GPS: 32.061250,-104.065759) Head S on US-285 for 03 miles, E for 49 miles, S around loop for 03 miles. E for 05 miles, Proceed S on the ROW for 57 miles, Release is in the pasture to the E. Delaware Ranch B1bo Flow Line (GPS: 32.052213,-104.055798)

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.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

To: <u>Matthew A. Grieco</u>; <u>Ben Arguijo</u>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 372579

**Date:** Monday, August 12, 2024 12:17:12 PM

**From:** Jeff Broom <jbroom@mewbourne.com> **Sent:** Monday, August 12, 2024 11:16 AM **To:** Lance Crenshaw <lance@etechenv.com>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372579

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

**Sent:** Monday, August 12, 2024 10:05 AM **To:** Jeff Broom < <u>ibroom@mewbourne.com</u>>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372579

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#) nAPP2421554026.

The sampling event is expected to take place:

**When:** 08/23/2024 @ 07:30

**Where:** O-11-26S-28E 0 FNL 0 FEL (32.05209,-104.05617)

**Additional Information:** Aaron Rios

(432)701-8602

**Additional Instructions:** From the intersection of US-285 and White City Rd, (GPS: 32.061250,-104.065759) Head S on US-285 for 03 miles, E for 49 miles, S around loop for 03 miles. E for 05 miles, Proceed S on the ROW for 57 miles, Release is in the pasture to the E. Delaware Ranch B1bo Flow Line (GPS: 32.052213,-104.055798)

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.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

To: <u>Matthew A. Grieco</u>; <u>Ben Arguijo</u>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 372588

**Date:** Monday, August 12, 2024 12:17:18 PM

**From:** Jeff Broom <jbroom@mewbourne.com> **Sent:** Monday, August 12, 2024 11:16 AM **To:** Lance Crenshaw <lance@etechenv.com>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372588

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

**Sent:** Monday, August 12, 2024 10:09 AM **To:** Jeff Broom < <u>ibroom@mewbourne.com</u>>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372588

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#) nAPP2421554026.

The sampling event is expected to take place:

**When:** 08/26/2024 @ 07:30

**Where:** O-11-26S-28E 0 FNL 0 FEL (32.05209,-104.05617)

**Additional Information:** Aaron Rios

(432)701-8602

**Additional Instructions:** From the intersection of US-285 and White City Rd, (GPS: 32.061250,-104.065759) Head S on US-285 for 03 miles, E for 49 miles, S around loop for 03 miles. E for 05 miles, Proceed S on the ROW for 57 miles, Release is in the pasture to the E. Delaware Ranch B1bo Flow Line (GPS: 32.052213,-104.055798)

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.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

To: <u>Matthew A. Grieco</u>; <u>Ben Arguijo</u>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 372600

**Date:** Monday, August 12, 2024 12:17:29 PM

**From:** Jeff Broom <jbroom@mewbourne.com> **Sent:** Monday, August 12, 2024 11:16 AM **To:** Lance Crenshaw <lance@etechenv.com>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372600

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

**Sent:** Monday, August 12, 2024 10:12 AM **To:** Jeff Broom < <u>ibroom@mewbourne.com</u>>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372600

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#) nAPP2421554026.

The sampling event is expected to take place:

**When:** 08/27/2024 @ 07:30

**Where:** O-11-26S-28E 0 FNL 0 FEL (32.05209,-104.05617)

**Additional Information:** Aaron Rios

(432)701-8602

**Additional Instructions:** From the intersection of US-285 and White City Rd, (GPS: 32.061250,-104.065759) Head S on US-285 for 03 miles, E for 49 miles, S around loop for 03 miles. E for 05 miles, Proceed S on the ROW for 57 miles, Release is in the pasture to the E. Delaware Ranch B1bo Flow Line (GPS: 32.052213,-104.055798)

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.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

To: <u>Matthew A. Grieco</u>; <u>Ben Arguijo</u>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 372608

**Date:** Monday, August 12, 2024 12:17:30 PM

**From:** Jeff Broom <jbroom@mewbourne.com> **Sent:** Monday, August 12, 2024 11:16 AM **To:** Lance Crenshaw <lance@etechenv.com>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372608

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

**Sent:** Monday, August 12, 2024 10:15 AM **To:** Jeff Broom < <u>ibroom@mewbourne.com</u>>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372608

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#) nAPP2421554026.

The sampling event is expected to take place:

**When:** 08/28/2024 @ 07:30

**Where:** O-11-26S-28E 0 FNL 0 FEL (32.05209,-104.05617)

**Additional Information:** Aaron Rios

(432)701-8602

**Additional Instructions:** From the intersection of US-285 and White City Rd, (GPS: 32.061250,-104.065759) Head S on US-285 for 03 miles, E for 49 miles, S around loop for 03 miles. E for 05 miles, Proceed S on the ROW for 57 miles, Release is in the pasture to the E. Delaware Ranch B1bo Flow Line (GPS: 32.052213,-104.055798)

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.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

To: <u>Matthew A. Grieco</u>; <u>Ben Arguijo</u>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 372613

**Date:** Monday, August 12, 2024 12:17:41 PM

**From:** Jeff Broom <jbroom@mewbourne.com> **Sent:** Monday, August 12, 2024 11:16 AM **To:** Lance Crenshaw <lance@etechenv.com>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372613

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

**Sent:** Monday, August 12, 2024 10:17 AM **To:** Jeff Broom < <u>ibroom@mewbourne.com</u>>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372613

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#) nAPP2421554026.

The sampling event is expected to take place:

**When:** 08/29/2024 @ 07:30

**Where:** O-11-26S-28E 0 FNL 0 FEL (32.05209,-104.05617)

**Additional Information:** Aaron Rios

(432)701-8602

**Additional Instructions:** From the intersection of US-285 and White City Rd, (GPS: 32.061250,-104.065759) Head S on US-285 for 03 miles, E for 49 miles, S around loop for 03 miles. E for 05 miles, Proceed S on the ROW for 57 miles, Release is in the pasture to the E. Delaware Ranch B1bo Flow Line (GPS: 32.052213,-104.055798)

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.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

To: <u>Matthew A. Grieco</u>; <u>Ben Arguijo</u>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 372615

**Date:** Monday, August 12, 2024 12:17:41 PM

**From:** Jeff Broom <jbroom@mewbourne.com> **Sent:** Monday, August 12, 2024 11:16 AM **To:** Lance Crenshaw <lance@etechenv.com>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372615

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

**Sent:** Monday, August 12, 2024 10:19 AM **To:** Jeff Broom < <u>ibroom@mewbourne.com</u>>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372615

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#) nAPP2421554026.

The sampling event is expected to take place:

**When:** 08/30/2024 @ 07:30

Where: O-11-26S-28E 0 FNL 0 FEL (32.05209,-104.05617)

**Additional Information:** Aaron Rios

(432)701-8602

**Additional Instructions:** From the intersection of US-285 and White City Rd, (GPS: 32.061250,-104.065759) Head S on US-285 for 03 miles, E for 49 miles, S around loop for 03 miles. E for 05 miles, Proceed S on the ROW for 57 miles, Release is in the pasture to the E. Delaware Ranch B1bo Flow Line (GPS: 32.052213,-104.055798)

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.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

To: <u>Matthew A. Grieco</u>; <u>Ben Arguijo</u>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 372617

**Date:** Monday, August 12, 2024 12:17:47 PM

**From:** Jeff Broom <jbroom@mewbourne.com> **Sent:** Monday, August 12, 2024 11:17 AM **To:** Lance Crenshaw <lance@etechenv.com>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372617

From: <a href="mailto:oCDOnline@state.nm.us">OCDOnline@state.nm.us</a>>

**Sent:** Monday, August 12, 2024 10:22 AM **To:** Jeff Broom < <u>ibroom@mewbourne.com</u>>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372617

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#) nAPP2421554026.

The sampling event is expected to take place:

**When:** 09/02/2024 @ 07:30

Where: O-11-26S-28E 0 FNL 0 FEL (32.05209,-104.05617)

**Additional Information:** Aaron Rios

(432)701-8602

**Additional Instructions:** From the intersection of US-285 and White City Rd, (GPS: 32.061250,-104.065759) Head S on US-285 for 03 miles, E for 49 miles, S around loop for 03 miles. E for 05 miles, Proceed S on the ROW for 57 miles, Release is in the pasture to the E. Delaware Ranch B1bo Flow Line (GPS: 32.052213,-104.055798)

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.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

To: <u>Matthew A. Grieco</u>; <u>Ben Arguijo</u>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 372619

**Date:** Monday, August 12, 2024 12:17:52 PM

**From:** Jeff Broom <jbroom@mewbourne.com> **Sent:** Monday, August 12, 2024 11:17 AM **To:** Lance Crenshaw <lance@etechenv.com>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372619

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

**Sent:** Monday, August 12, 2024 10:24 AM **To:** Jeff Broom < <u>ibroom@mewbourne.com</u>>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

372619

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#) nAPP2421554026.

The sampling event is expected to take place:

**When:** 09/03/2024 @ 07:30

Where: O-11-26S-28E 0 FNL 0 FEL (32.05209,-104.05617)

**Additional Information:** Aaron Rios

(432)701-8602

**Additional Instructions:** From the intersection of US-285 and White City Rd, (GPS: 32.061250,-104.065759) Head S on US-285 for 03 miles, E for 49 miles, S around loop for 03 miles. E for 05 miles, Proceed S on the ROW for 57 miles, Release is in the pasture to the E. Delaware Ranch B1bo Flow Line (GPS: 32.052213,-104.055798)

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.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

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Phone: (505) 629-6116
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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

Action 399565

#### **QUESTIONS**

ı	Operator:	OGRID:
ı	MEWBOURNE OIL CO	14744
ı	P.O. Box 5270	Action Number:
ı	Hobbs, NM 88241	399565
ı		Action Type:
ı		[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2421554026
Incident Name	NAPP2421554026 DELAWARE RANCH SWD LINE @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Delaware Ranch SWD Line
Date Release Discovered	07/23/2024
Surface Owner	Private

Incident Details		
Please answer all the questions in this group.		
Incident Type	Produced Water Release	
Did this release result in a fire or is the result of a fire	No	
Did this release result in any injuries	No	
Has this release reached or does it have a reasonable probability of reaching a watercourse	No	
Has this release endangered or does it have a reasonable probability of endangering public health	No	
Has this release substantially damaged or will it substantially damage property or the environment	No	
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No	

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion   Pipeline (Any)   Produced Water   Released: 145 BBL   Recovered: 0 BBL   Lost: 145 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)	Not answered.

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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 2

Action 399565

QUESTIONS (continued)

Operator:  MEWBOURNE OIL CO	OGRID: 14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	399565
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	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 si	afety hazard that would result in injury
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ed 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 required asses 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 to 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: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 08/02/2024

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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 3

Action 399565

**QUESTIONS** (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	399565
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)	
What method was used to determine the depth to ground water	Direct Measurement	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (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 1000 (ft.) and ½ (mi.)	
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Between 1 and 5 (mi.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Between 1000 (ft.) and ½ (mi.)	
Categorize the risk of this well / site being in a karst geology	Medium	
A 100-year floodplain	Between 1 and 5 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	Yes	

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission	Yes	
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 mil	lligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	12400	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	35.4	
GRO+DRO (EPA SW-846 Method 8015M)	35.4	
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3	
Benzene (EPA SW-846 Method 8021B or 8260B)	0	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed which includes the anticipated timelines for beginning and completing the remediation.	d efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC	
On what estimated date will the remediation commence	07/29/2024	
On what date will (or did) the final sampling or liner inspection occur	08/16/2024	
On what date will (or was) the remediation complete(d)	09/05/2024	
What is the estimated surface area (in square feet) that will be reclaimed	48825	
What is the estimated volume (in cubic yards) that will be reclaimed	7183	
What is the estimated surface area (in square feet) that will be remediated	48825	
What is the estimated volume (in cubic yards) that will be remediated	10056	
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.		

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 4

Action 399565

**QUESTIONS** (continued)

ı	Operator:	OGRID:
ı	MEWBOURNE OIL CO	14744
ı	P.O. Box 5270	Action Number:
ı	Hobbs, NM 88241	399565
ı		Action Type:
ı		[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	Not answered.
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	Yes
In which state is the disposal taking place	Texas
What is the name of the out-of-state facility	R360 Red Bluff Facility
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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: Connor Walker Title: Senior Engineer I hereby agree and sign off to the above statement Email: cwalker@mewbourne.com Date: 11/05/2024

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 399565

**QUESTIONS** (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	399565
	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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## 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 399565

**QUESTIONS** (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	399565
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	372619
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/03/2024
What was the (estimated) number of samples that were to be gathered	200
What was the sampling surface area in square feet	38000

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	48825	
What was the total volume (cubic yards) remediated	10056	
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	48825	
What was the total volume (in cubic yards) reclaimed	7183	
Summarize any additional remediation activities not included by answers (above)	Please see attached Closure report for complete list of remediation activities.	

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: Connor Walker

Title: Senior Engineer
Email: cwalker@mewbourne.com
Date: 11/05/2024

Sante Fe Main Office Phone: (505) 476-3441

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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 399565

**QUESTIONS** (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	399565
	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 399565

#### **CONDITIONS**

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	399565
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2421554026 DELAWARE RANCH SWD LINE, thank you. This Remediation Closure Report is approved.	12/13/2024