

Amended Remediation Summary & Soil Closure Request

Mewbourne Oil Company Delaware Ranch 12 MD Fed Com 1H

Eddy County, New Mexico
Unit Letter "N", Section 12, Township 26 South, Range 28 East
Latitude 32.05062° North, Longitude 104.04413° West
NMOCD Reference No. nAPP2504558001

Prepared By:

Etech Environmental & Safety Solutions, Inc.

6309 Indiana Ave, Ste. D
Lubbock, Texas 79413

September 11, 2025


Ben J. Arguijo
Lance Crenshaw

Midland • San Antonio • Lubbock • Hobbs • Lafayette

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1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Mewbourne Oil Company, has prepared this *Amended Remediation Summary & Soil Closure Request* for the release site known as the Delaware Ranch 12 MD Fed Com 1H (henceforth, "Site"). Details of the release are summarized below:

Location of Release Source

Latitude: 32.05062° Longitude: -104.04413°

Provided GPS are in WGS84 format.

Site Name: Delaware Ranch 12 MD Fed Com 1H	Site Type: Tank Battery
Date Release Discovered: 1/16/2025	API # (if applicable): N/A

Unit Letter	Section	Township	Range	County
"N"	12	26S	28E	Eddy

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name Henry E. McDonald)

Nature and Volume of Release

☒ Crude Oil	Volume Released (bbls) 8	Volume Recovered (bbls) 0
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water > 10,000 mg/L?	☐ Yes ☒ No ☐ N/A
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released	Volume/Weight Recovered

Cause of Release:

Human error, resulting in a fire.

Following initial spill response activities, all fire-damaged equipment was either repaired or replaced, and the facility was subsequently returned to service.

Initial Response

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

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

2.0 SITE CHARACTERIZATION

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (bgs)?	Between 100 and 500 (ft.)
What method was used to determine the depth to groundwater?	NM OSE iWaters Database Search
Did the release impact groundwater or surface water?	☐ Yes ☒ 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 300 and 500 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Between 500 and 1000 (ft.)
An occupied permanent residence, school, hospital, institution or church?	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Between 500 and 1000 (ft.)
Any other fresh water well or spring?	Between 500 and 1000 (ft.)
Incorporated municipal boundaries or a defined municipal fresh water well field?	Greater than 5 (mi.)
A wetland?	Between 500 and 1000 (ft.)
A subsurface mine?	Greater than 5 (mi.)
A (non-karst) unstable area?	Between 300 and 500 (ft.)
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 ☒ No

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

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

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

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

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†
Between 100 and 500 (ft.)	Chloride (Cl-)	EPA** 300.0 or SM4500 Cl B	20,000
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	2,500
	Gas Range Organics + Diesel Range Organics (GRO+DRO)	EPA SW-846 Method 8015M	1,000
	Benzene	EPA SW-846 Methods 8021b or 8260b	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50

* Measured in milligrams per kilogram (mg/kg)

** Environmental Protection Agency

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

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

4.0 REMEDIATION ACTIVITIES SUMMARY

Requesting a remediation plan approval with this submission?	☒ Yes	☐ No
Have the lateral and vertical extents of contamination been fully delineated?	☒ Yes	☐ No
Was this release entirely contained within a lined containment area?	☐ Yes	☒ No
On what estimated date will (or did) the remediation commence?	2/17/2025	
On what date will (or did) the final sampling or liner inspection occur?	2/17/2025	
On what date will (or was) the remediation complete(d)?	2/19/2025	
What is the total surface area (sq. ft.) in need of or that will <i>eventually</i> be reclaimed?	2,487	
What is the total volume (cy) in need of or that will <i>eventually</i> be reclaimed?	83	
What was the total surface area (sq. ft.) that has or will be remediated?	2,487	
What was the total volume (cy) that has or will be remediated?	60	
This remediation utilized the following processes to remediate/reduce contaminants: (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	☒ Yes	☐ No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	☐ Yes	☒ No
(In Situ) Soil Vapor Extraction	☐ Yes	☒ No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	☐ Yes	☒ No
(In Situ) Biological processing (i.e. Microbes/Fertilizer, etc.)	☐ Yes	☒ No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	☐ Yes	☒ No
Ground Water Abatement pursuant to 19.15.30 NMAC	☐ Yes	☒ No
Other (Non-listed remedial process)	☐ Yes	☒ 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 February 17, 2025, following the repair or removal of all fire-damaged production equipment, Etech commenced remediation activities at the Site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standards was excavated and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal. Olfactory/visual senses and/or a chloride test kit were utilized to field-screen the horizontal and vertical extent of impacted soil and to guide the excavation. The sidewalls and floor of the excavation were advanced until field tests and field observations suggested that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria.

Etech collected 12 composite confirmation soil samples (FL 1 @ 2.5' through FL 8 @ 0.5', NW 1, EW 1, SW 1, and WW 1) representing no more than 200 square feet from the floor and sidewalls of the excavated area. The soil samples were submitted to a certified, commercial laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples.

Summary of Soil Sampling Events

Constituent	Highest Observed Concentration (mg/kg)	Sample ID	Sample Date	Sample Depth (ft bgs)	Soil Status
Chloride	464	NW 1 & WW 1	2/17/2025	0–2.5	In-Situ
TPH	69.1	EW 1	2/17/2025	0–2.5	In-Situ
GRO+DRO	69.1	EW 1	2/17/2025	0–2.5	In-Situ
BTEX	<0.300	All submitted samples	2/17 & 5/29/2025	0–2.5	In-Situ
Benzene	<0.050	All submitted samples	2/17 & 5/29/2025	0–2.5	In-Situ

Please reference Table 1 for additional information.

On April 14, 2025, based on laboratory analytical results and field activities conducted to that point, a *Remediation Summary & Soil Closure Request* was submitted to the NMOCD requesting regulatory closure of the release. The closure request was denied by the NMOCD on May 12, 2025, primarily on the basis that too few confirmation samples had been collected for an excavation measuring 2,487 square feet (i.e., 8 floor samples were collected, whereas 13 were required). It was mandated that additional soil samples be collected from the floor of the excavated area, as well as beneath the lines to the south of the remediated area and extending toward the pasture to confirm that contamination did not migrate off-pad. The NMOCD further noted that no photographs of the equipment involved in the fire had been provided. Such photographs have since been added to the "Photographic Log" (Appendix C).

On May 29, 2025, in accordance with the NMOCD, Etech revisited the Site and re-excavated portions of the previously backfilled excavation in order to obtain additional floor samples from the remediated area. Six (6) confirmation soil samples (FL 9 @ 1.5' through FL 14 @ 6") were collected from the re-excavated areas and submitted to the laboratory for analysis of BTEX, TPH, and chloride. Following sample collection, the re-excavated areas were backfilled with the previously removed material.

Etech also advanced a series of soil borings (SP 1 through SP 4) in the area under the pipelines to the south of the excavated area, along with four (4) surface samples (SH 1 through SH 4) between the pipelines and the adjacent pasture, in order to confirm that vertical and horizontal delineation of the area had been achieved. Based on field observations and field test data, a total of 12 delineation soil samples (SH 1 @ Surf, SH 1 @ 1', SH 2 @ Surf, SH 2 @ 1', SH 3 @ Surf, SH 3 @ 1', SH 4 @ Surf, SH 4 @ 1', SP 1 @ Surf, SP 2 @ Surf, SP 3 @ Surf, and SP 4 @ Surf) were submitted to the laboratory for analysis of BTEX, TPH, and chloride.

Laboratory analytical results from the additional confirmation and delineation soil samples indicated that in-situ BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards.

The final dimensions of the excavated area were approximately 10 to 90 feet in length, 15 to 40 feet in width, and 0.5 to 2.5 feet in depth. During the course of remediation activities, Etech transported approximately 60 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 60 cubic yards of locally sourced, non-impacted material to the Site for use as backfill.

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

5.0 SOIL CLOSURE REQUEST

Requesting a deferral of remediation closure due date with the approval of this submission?	☐ Yes	☒ No
Requesting a remediation closure approval with this submission?	☒ Yes	☐ No
Have the lateral and vertical extents of contamination been fully delineated?	☒ Yes	☐ No
Was this release entirely contained within a lined containment area?	☐ Yes	☒ 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.	☒ Yes	☐ No
What was the total surface area (sq. ft.) remediated?	<u>2,487</u>	
What was the total volume (cy) remediated?	<u>60</u>	

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 that in-situ concentrations of BTEX, TPH, and chloride are below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards.

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

6.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

On February 19, 2025, upon receiving laboratory analytical results from confirmation soil samples, the excavated area was backfilled with locally sourced, non-impacted "like" material placed at or near original relative positions. The affected areas were contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable.

All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste containing earthen material with concentrations of less than 600 mg/kg chloride, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg benzene?	☐ Yes	☒ No
Requesting a reclamation approval with this submission?	☐ Yes	☒ No
Requesting a restoration complete approval with this submission?	☐ Yes	☒ No
What was the total surface area (in square feet) reclaimed?	0	
What was the total volume (in cubic yards) reclaimed?	0	

The release was limited to the production pad of an active tank battery, with no impact to the adjacent pasture. Final restoration, reclamation, and revegetation will be conducted upon decommissioning and abandonment of the facility. The reclaimed area will be revegetated during the first favorable growing season following closure of the location with an agency and/or landowner-approved seed mix that has been certified to be free of noxious weeds. The seed will be installed at the prescribed rate utilizing either a seed drill or a broadcaster and harrow.

7.0 LIMITATIONS

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

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

8.0 DISTRIBUTION

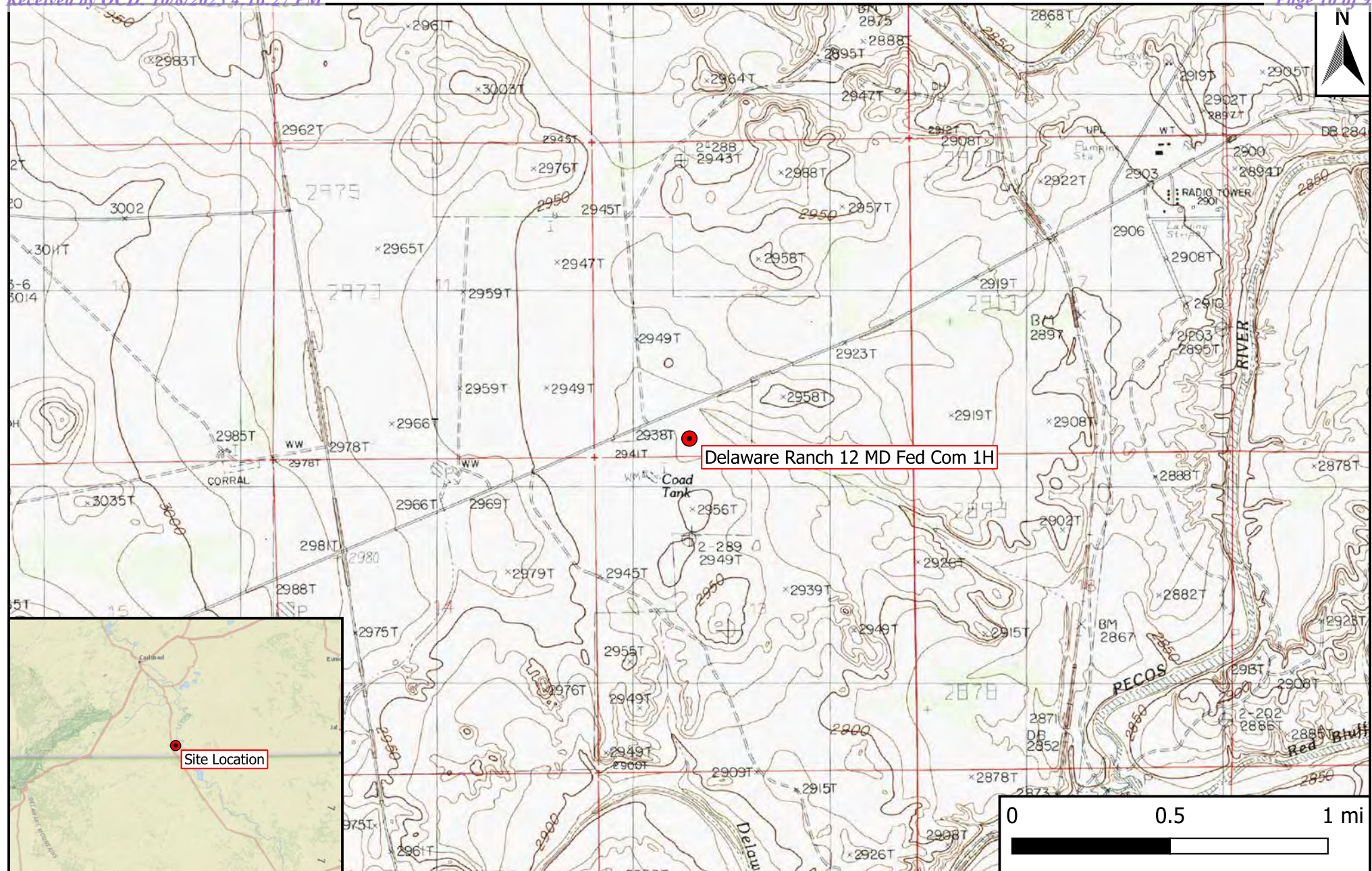
Mewbourne Oil Company
4801 Business Park Blvd.
Hobbs, NM 88240

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



Legend

- Site Location

Figure 1

Site Location Map
 Mewbourne Oil Company
 Delaware Ranch 12 MD Fed Com 1H
 GPS: 32.05062, -104.044130
 Eddy County, New Mexico



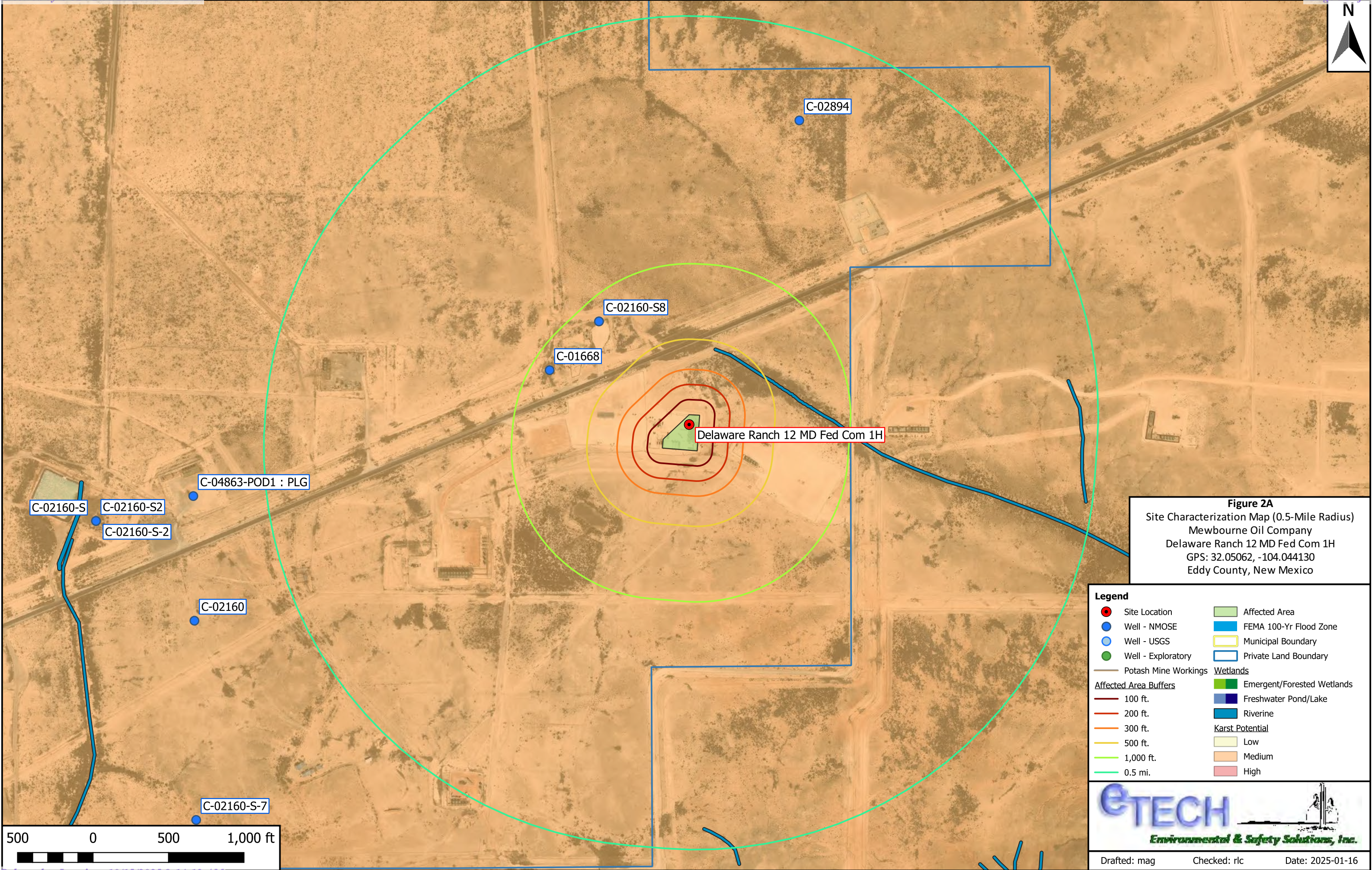
Drafted: mag

Checked: rlc

Date: 2025-01-16

Figures 2A & 2B

Site Characterization Maps



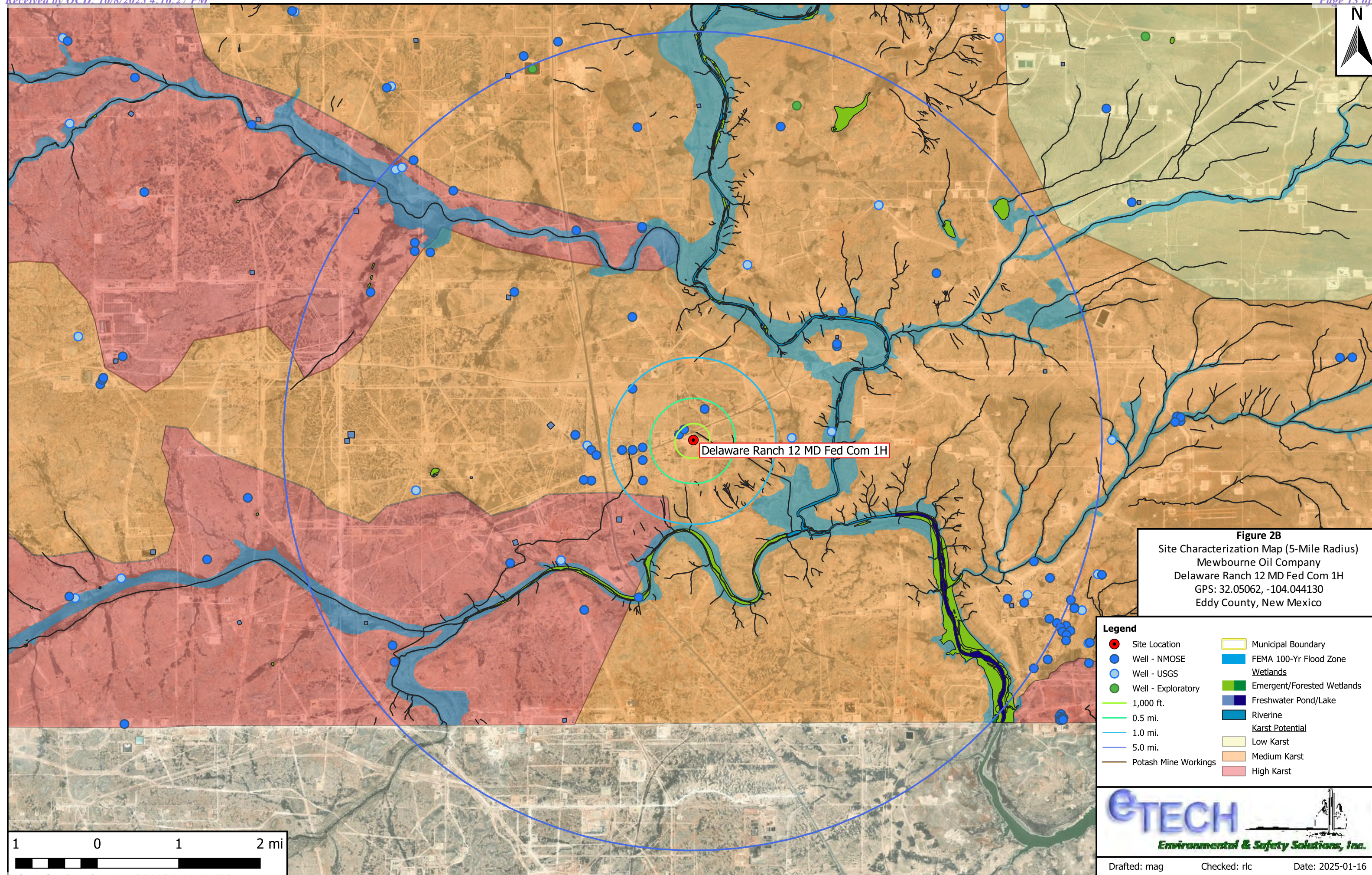
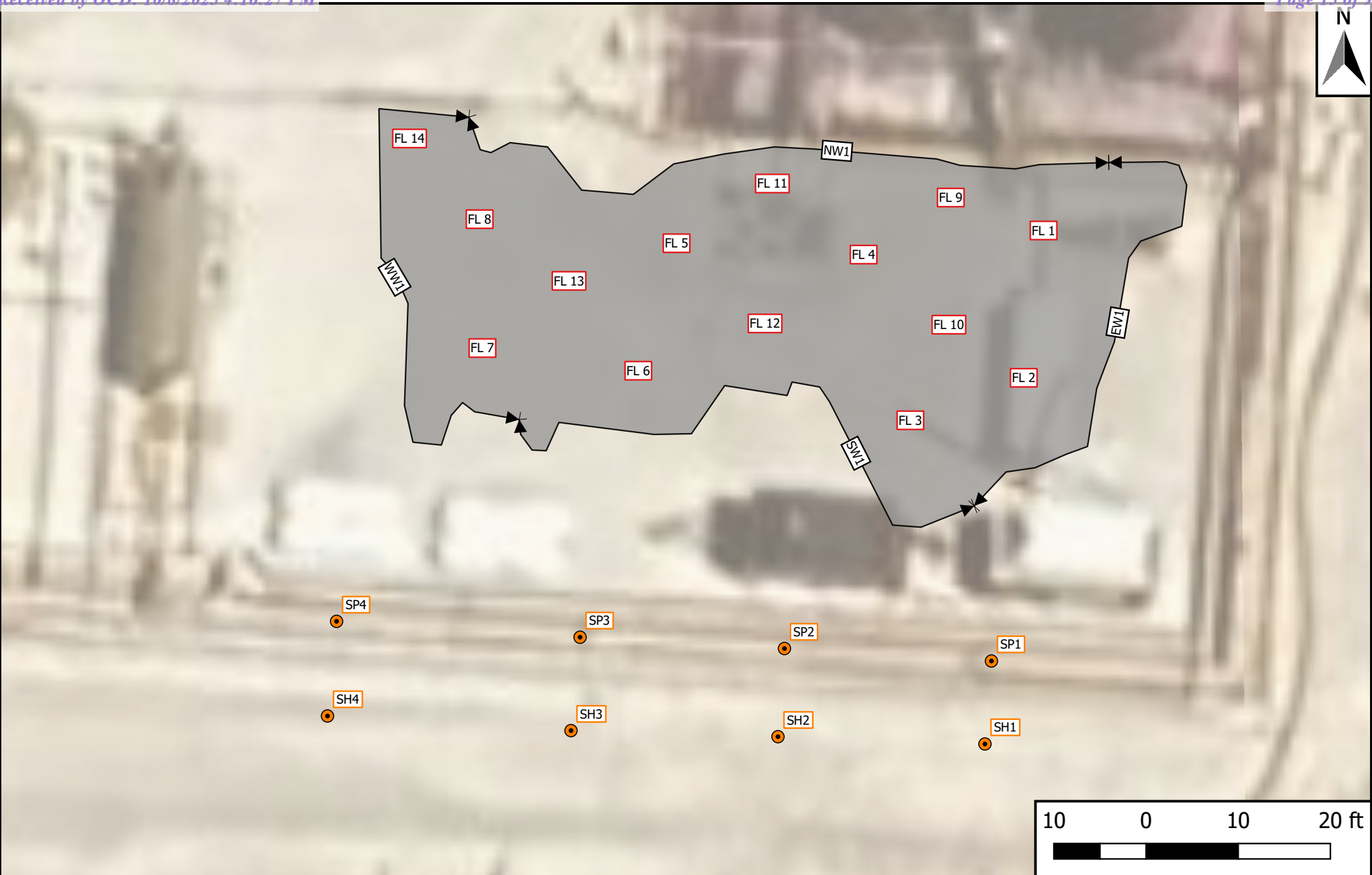


Figure 3

Sample Location Map



Legend

- Excavation (~2,487 ft²)
- Composite Floor Sample
- ◀▶ Composite Wall Sample
- Delineation Sample Location

Figure 3
 Sample Location Map
 Mewbourne Oil Company
 Delaware Ranch 12 MD Fed Com 1H
 GPS: 32.05062, -104.044130
 Eddy County, New Mexico



Drafted: bja

Checked: rlc

Date: 9/11/25

Table 1
Concentrations of BTEX, TPH & Chloride in Soil

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company Delaware Ranch 12 MD Fed Com 1H NMOCD Ref. #: nAPP2504558001											
NMOCD Closure Criteria				10	50	N/A	N/A	1,000	N/A	2,500	20,000
NMOCD Reclamation Standard				10	50	N/A	N/A	N/A	N/A	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 1 @ 2.5'	2/17/2025	2.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 2 @ 0.5'	2/17/2025	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 3 @ 0.5'	2/17/2025	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
FL 4 @ 0.5'	2/17/2025	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 5 @ 0.5'	2/17/2025	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL 6 @ 0.5'	2/17/2025	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL 7 @ 0.5'	2/17/2025	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 8 @ 0.5'	2/17/2025	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
FL 9 @ 1.5'	5/29/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 10 @ 2'	5/29/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 11 @ 6"	5/29/2025	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 12 @ 6"	5/29/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 13 @ 6"	5/29/2025	2.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 14 @ 6"	5/29/2025	3.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NW 1	2/17/2025	0-2.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EW 1	2/17/2025	0-2.5	In-Situ	<0.050	<0.300	<10.0	69.1	69.1	<10.0	69.1	384
SW 1	2/17/2025	0-0.5	In-Situ	<0.050	<0.300	<10.0	33.6	33.6	<10.0	33.6	384
WW 1	2/17/2025	0-0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
SH 1 @ Surf	5/29/2025	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH 1 @ 1'	5/29/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH 2 @ Surf	5/29/2025	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH 2 @ 1'	5/29/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH 3 @ Surf	5/29/2025	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH 3 @ 1'	5/29/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH 4 @ Surf	5/29/2025	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH 4 @ 1'	5/29/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP 1 @ Surf	5/29/2025	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP 2 @ Surf	5/29/2025	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
SP 3 @ Surf	5/29/2025	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SP 4 @ Surf	5/29/2025	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0

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

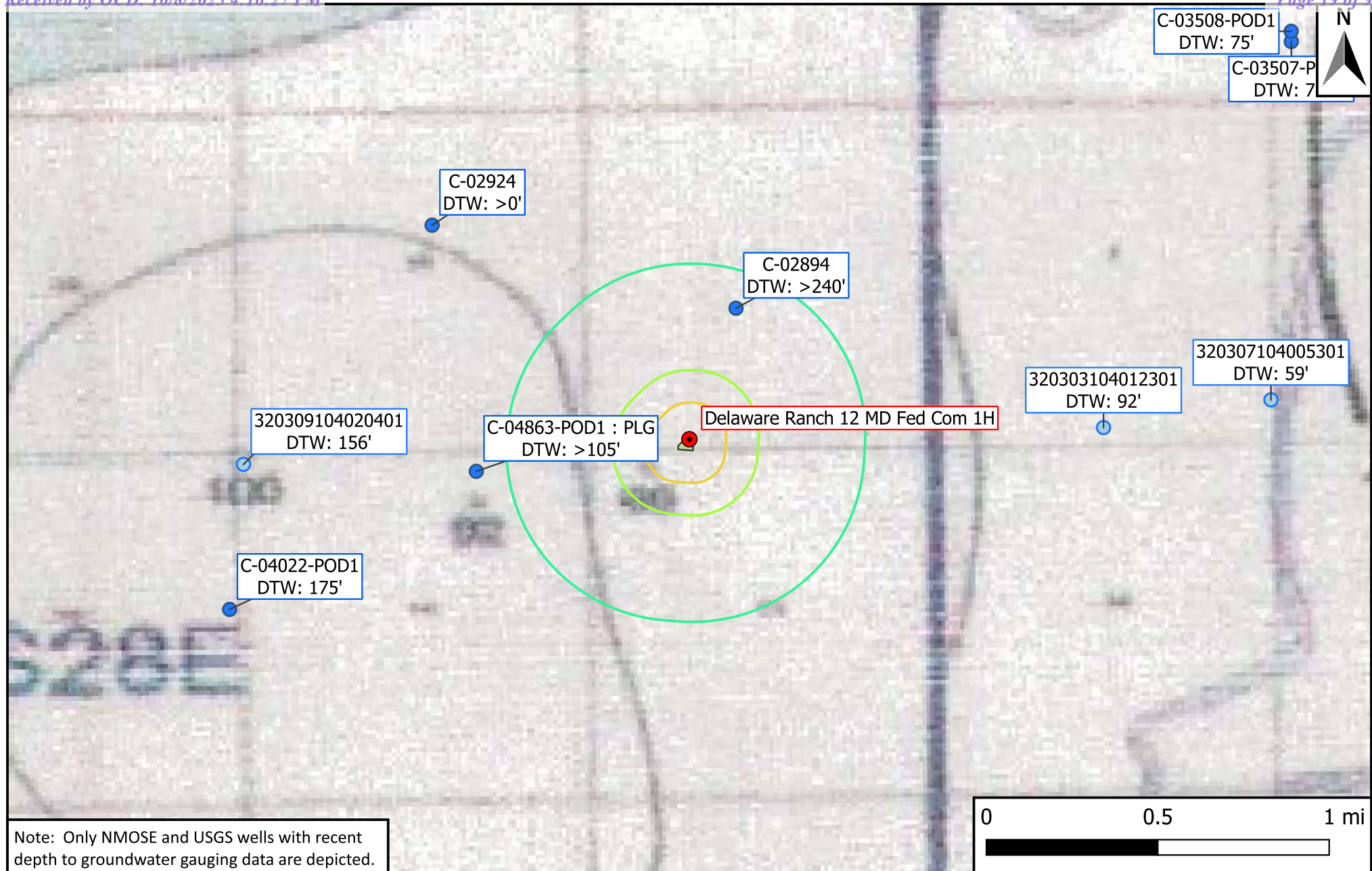
Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

Appendix A

Depth to Groundwater Information



Legend

- Active Site Locations
- Well - NMOSE
- Well - USGS
- Well - Exploratory
- Affected Area
- 500 ft.
- 1,000 ft.
- 0.5 mi.

Figure 4

Inferred Depth to Groundwater Map
 Mewbourne Oil Company
 Delaware Ranch 12 MD Fed Com 1H
 GPS: 32.05062, -104.044130
 Eddy County, New Mexico



Drafted: mag

Checked: rlc

Date: 2025-01-16

Point of Diversion Summary

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

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	C 02894	NE	NE	SW	12	26S	28E	590458.0	3547061.0 *	

* UTM location was derived from PLSS - see Help

Driller License:	1348	Driller Company:	TAYLOR WATER WELL SERVICE	
Driller Name:				
Drill Start Date:	2002-03-20	Drill Finish Date:	2002-03-24	Plug Date:
Log File Date:	2002-04-04	PCW Rcv Date:		Source:
Pump Type:		Pipe Discharge Size:		Estimated Yield:
Casing Size:		Depth Well:	240	Depth Water:

Water Bearing Stratifications:

Top	Bottom	Description
107	112	Other/Unknown

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.

Revised June 1972

STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Delaware Ranch, Inc. Owner's Well No. _____
Street or Post Office Address 706 W. Riverside Dr.
City and State Carlsbad, NM 88220

Well was drilled under Permit No. C-2894 and is located in the:

a. NE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ _____ $\frac{1}{4}$ of Section 12 Township 26S Range 28E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in _____ County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in
the _____ Grant.

(B) Drilling Contractor Taylor Water Well Service License No. WD-1348

Address 7317 Etcheverry Rd., Carlsbad, NM 88220

Drilling Began 3/20/02 Completed 3/24/02 Type tools Rotary Size of hole 4 7/8 in.

Elevation of land surface or _____ at well is UK ft. Total depth of well 240 ft.

Completed well is ☐ shallow ☐ artesian. Depth to water upon completion of well _____ ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
107	112	5	Anhydrite:gry,tn,frstd,vfn xln	Less than 1

Section 3. RECORD OF CASING

[illegible]

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				

Section 5. PLUGGING RECORD

Plugging Contractor _____

Address _____

Plugging Method

Date Well Plugged _____

Plugging approved by: _____

State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received 04-04-2002

Quad _____ FWL _____ FSL _____

File No. C-2894 Use Stock Location No. 26S.28E.12.322

[illegible]

Section 7. REMARKS AND ADDITIONAL INFORMATION

Started air drilling 3/20/02. Drilled to 140'. Resumed drilling 3/24/02. Hole had filled in to 75'. Some water was present, probably from 107-112'. No more water was encountered and drilling was stopped at 240'. Hole was not reamed and no casing was installed due to small amount of water present.

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When the form is used as a plugging record, only Section 1 and Section 5 need be completed.

Appendix B

Field Data



Sample Log

Date: _____

Project: Delaware Ranch 12 MD Fed Com 1H

Project Number:	21724	Latitude:	32.05062	Longitude:	-104.04413
-----------------	-------	-----------	----------	------------	------------

[illegible]

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas

Appendix C

Photographic Log

Photographic Log

Photo Number: 1	
Photo Direction: West	
Photo Description: View of fire-damaged equipment.	

Photo Number: 2	
Photo Direction: Southwest	
Photo Description: View of fire-damaged equipment.	

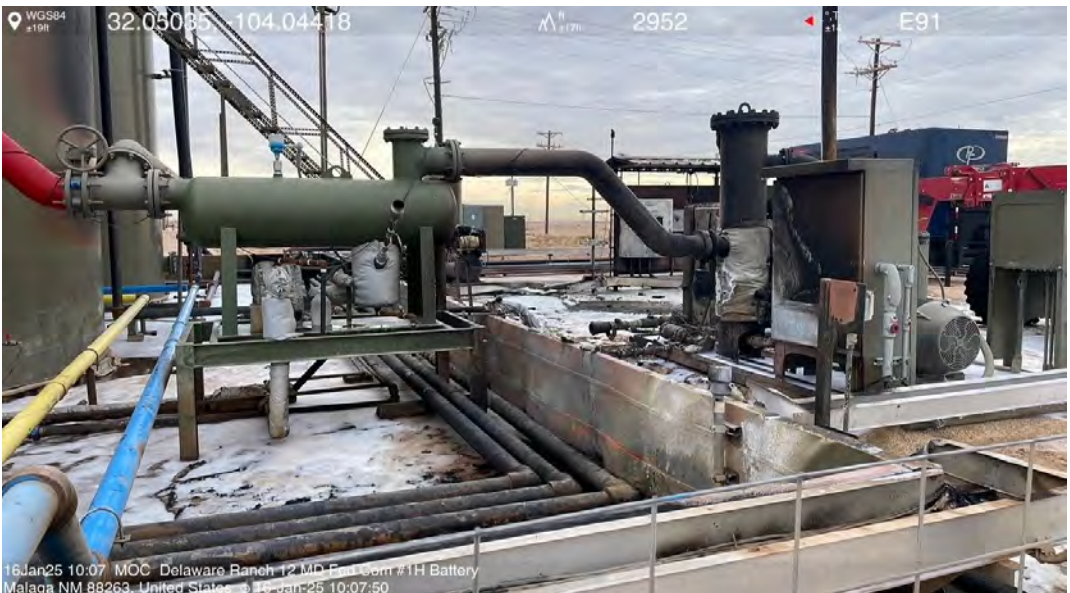
Photographic Log

Photo Number: 3	
Photo Direction: Northwest	
Photo Description: View of fire-damaged equipment.	

Photo Number: 4	
Photo Direction: East	
Photo Description: View of fire-damaged equipment.	

Photographic Log

Photo Number: 5	
Photo Direction: Northeast	
Photo Description: View of fire-damaged equipment.	

Photo Number: 6	
Photo Direction: East	
Photo Description: View of fire-damaged equipment.	

Photographic Log

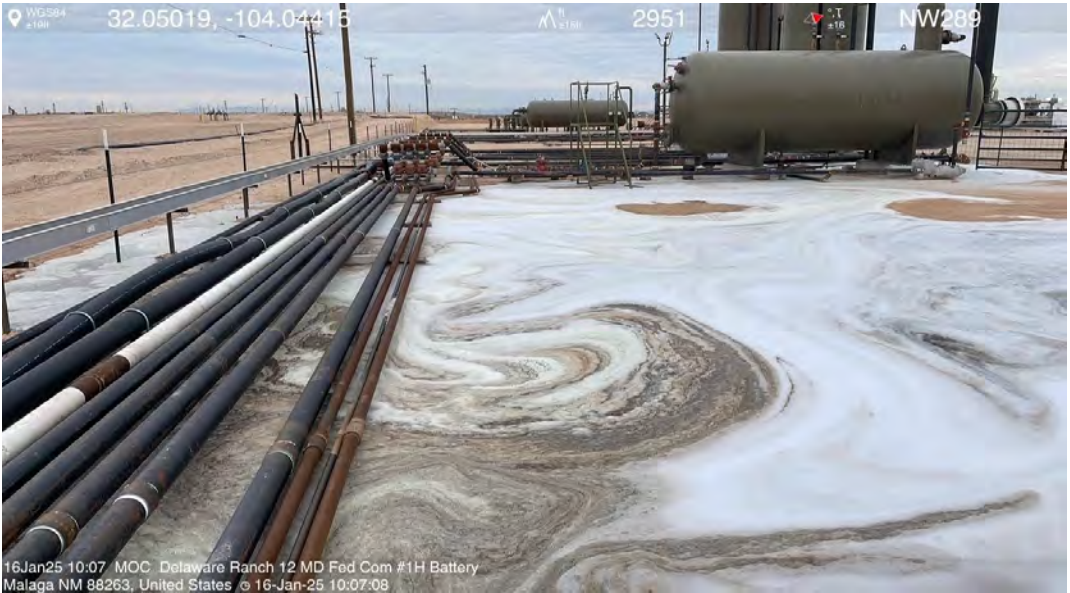
Photo Number: 7	
Photo Direction: West-Northwest	
Photo Description: View of the affected area.	

Photo Number: 8	
Photo Direction: North	
Photo Description: View of the affected area.	

Photographic Log

Photo Number: 9	 Network: Feb 19, 2025 at 12:22:57 PM MST Local: Feb 19, 2025 at 12:22:57 PM MST N 32° 3' 0.934", W 104° 2' 39.103" Malaga NM 88263 United States
Photo Direction: Southeast	
Photo Description: View of the excavated area.	

Photo Number: 10	 Network: Feb 19, 2025 at 12:23:10 PM MST Local: Feb 19, 2025 at 12:23:10 PM MST N 32° 3' 0.765", W 104° 2' 38.756" Malaga NM 88263 United States
Photo Direction: North	
Photo Description: View of the excavated area.	

Photographic Log

Photo Number: 11	 Network: Feb 19, 2025 at 12:23:32 PM MST Local: Feb 19, 2025 at 12:23:32 PM MST N 32° 3' 0.853", W 104° 2' 39.181" Malaga NM 88263 United States
Photo Direction: East	
Photo Description: View of the excavated area.	

Photo Number: 12	 Network: Feb 19, 2025 at 12:23:35 PM MST Local: Feb 19, 2025 at 12:23:35 PM MST N 32° 3' 0.853", W 104° 2' 39.181" Malaga NM 88263 United States
Photo Direction: Northeast	
Photo Description: View of the excavated area.	

Photographic Log

Photo Number: 13	 Network: Feb 19, 2025 at 2:34:11 PM MST Local: Feb 19, 2025 at 2:34:11 PM MST N 32° 3' 1.546", W 104° 2' 39.520" Malaga NM 88263 United States
Photo Direction: Southeast	
Photo Description: View of the remediated area following backfilling and regrading.	

Photo Number: 14	 Network: Feb 19, 2025 at 2:34:39 PM MST Local: Feb 19, 2025 at 2:34:39 PM MST N 32° 3' 0.838", W 104° 2' 39.500" Malaga NM 88263 United States
Photo Direction: Northeast	
Photo Description: View of the remediated area following backfilling and regrading.	

Appendix D

Laboratory Analytical Reports



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

February 19, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: DELAWARE RANCH 12 MD FED COM #1H

Enclosed are the results of analyses for samples received by the laboratory on 02/18/25 15:15.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/18/2025
 Reported: 02/19/2025
 Project Name: DELAWARE RANCH 12 MD FED COM #11
 Project Number: 21724
 Project Location: MEWBOURNE 32.05062-104.04413

Sampling Date: 02/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL 1 @ 2.5' (H250967-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	1.92	96.1	2.00	0.544	
Toluene*	<0.050	0.050	02/19/2025	ND	2.02	101	2.00	0.967	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.16	108	2.00	0.881	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.46	108	6.00	1.34	
Total BTX	<0.300	0.300	02/19/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/19/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/18/2025	ND	192	95.8	200	3.72	
DRO >C10-C28*	<10.0	10.0	02/18/2025	ND	183	91.6	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	02/18/2025	ND					

Surrogate: 1-Chlorooctane 61.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/18/2025
 Reported: 02/19/2025
 Project Name: DELAWARE RANCH 12 MD FED COM #11
 Project Number: 21724
 Project Location: MEWBOURNE 32.05062-104.04413

Sampling Date: 02/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL 2 @ 0.5' (H250967-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	1.92	96.1	2.00	0.544	
Toluene*	<0.050	0.050	02/19/2025	ND	2.02	101	2.00	0.967	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.16	108	2.00	0.881	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.46	108	6.00	1.34	
Total BTEX	<0.300	0.300	02/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	02/19/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/18/2025	ND	192	95.8	200	3.72	
DRO >C10-C28*	<10.0	10.0	02/18/2025	ND	183	91.6	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	02/18/2025	ND					

Surrogate: 1-Chlorooctane 71.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.2 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/18/2025	Sampling Date:	02/17/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 12 MD FED COM #11	Sampling Condition:	Cool & Intact
Project Number:	21724	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.05062-104.04413		

Sample ID: FL 3 @ 0.5' (H250967-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/19/2025	ND	1.92	96.1	2.00	0.544		
Toluene*	<0.050	0.050	02/19/2025	ND	2.02	101	2.00	0.967		
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.16	108	2.00	0.881		
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.46	108	6.00	1.34		
Total BTEx	<0.300	0.300	02/19/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	02/19/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/18/2025	ND	192	95.8	200	3.72	
DRO >C10-C28*	<10.0	10.0	02/18/2025	ND	183	91.6	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	02/18/2025	ND					

Surrogate: 1-Chlorooctane 63.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/18/2025
 Reported: 02/19/2025
 Project Name: DELAWARE RANCH 12 MD FED COM #11
 Project Number: 21724
 Project Location: MEWBOURNE 32.05062-104.04413

Sampling Date: 02/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL 4 @ 0.5' (H250967-04)

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	02/19/2025	ND	1.92	96.1	2.00	0.544	
Toluene*	<0.050	0.050	02/19/2025	ND	2.02	101	2.00	0.967	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.16	108	2.00	0.881	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.46	108	6.00	1.34	
Total BTEX	<0.300	0.300	02/19/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	02/19/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/18/2025	ND	192	95.8	200	3.72	
DRO >C10-C28*	<10.0	10.0	02/18/2025	ND	183	91.6	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	02/18/2025	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/18/2025	Sampling Date:	02/17/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 12 MD FED COM #11	Sampling Condition:	Cool & Intact
Project Number:	21724	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.05062-104.04413		

Sample ID: FL 5 @ 0.5' (H250967-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/19/2025	ND	1.92	96.1	2.00	0.544		
Toluene*	<0.050	0.050	02/19/2025	ND	2.02	101	2.00	0.967		
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.16	108	2.00	0.881		
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.46	108	6.00	1.34		
Total BTEx	<0.300	0.300	02/19/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	02/19/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	192	95.8	200	3.72	
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	183	91.6	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 67.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/18/2025	Sampling Date:	02/17/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 12 MD FED COM #11	Sampling Condition:	Cool & Intact
Project Number:	21724	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.05062-104.04413		

Sample ID: FL 6 @ 0.5' (H250967-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/19/2025	ND	1.92	96.1	2.00	0.544		
Toluene*	<0.050	0.050	02/19/2025	ND	2.02	101	2.00	0.967		
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.16	108	2.00	0.881		
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.46	108	6.00	1.34		
Total BTEx	<0.300	0.300	02/19/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	02/19/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	192	95.8	200	3.72	
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	183	91.6	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 66.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/18/2025
 Reported: 02/19/2025
 Project Name: DELAWARE RANCH 12 MD FED COM #11
 Project Number: 21724
 Project Location: MEWBOURNE 32.05062-104.04413

Sampling Date: 02/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL 7 @ 0.5' (H250967-07)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	1.92	96.1	2.00	0.544	
Toluene*	<0.050	0.050	02/19/2025	ND	2.02	101	2.00	0.967	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.16	108	2.00	0.881	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.46	108	6.00	1.34	
Total BTX	<0.300	0.300	02/19/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	02/19/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	192	95.8	200	3.72	
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	183	91.6	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 66.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/18/2025	Sampling Date:	02/17/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 12 MD FED COM #11	Sampling Condition:	Cool & Intact
Project Number:	21724	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.05062-104.04413		

Sample ID: FL 8 @ 0.5' (H250967-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/19/2025	ND	1.92	96.1	2.00	0.544		
Toluene*	<0.050	0.050	02/19/2025	ND	2.02	101	2.00	0.967		
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.16	108	2.00	0.881		
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.46	108	6.00	1.34		
Total BTEx	<0.300	0.300	02/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	02/19/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	192	95.8	200	3.72	
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	183	91.6	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 67.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/18/2025
 Reported: 02/19/2025
 Project Name: DELAWARE RANCH 12 MD FED COM #11
 Project Number: 21724
 Project Location: MEWBOURNE 32.05062-104.04413

Sampling Date: 02/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: NW 1 (H250967-09)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	1.92	96.1	2.00	0.544	
Toluene*	<0.050	0.050	02/19/2025	ND	2.02	101	2.00	0.967	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.16	108	2.00	0.881	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.46	108	6.00	1.34	
Total BTEX	<0.300	0.300	02/19/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/19/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	192	95.8	200	3.72	
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	183	91.6	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 66.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/18/2025	Sampling Date:	02/17/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 12 MD FED COM #11	Sampling Condition:	Cool & Intact
Project Number:	21724	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.05062-104.04413		

Sample ID: EW 1 (H250967-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/19/2025	ND	1.92	96.1	2.00	0.544		
Toluene*	<0.050	0.050	02/19/2025	ND	2.02	101	2.00	0.967		
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.16	108	2.00	0.881		
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.46	108	6.00	1.34		
Total BTEx	<0.300	0.300	02/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	02/19/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	192	95.8	200	3.72	
DRO >C10-C28*	69.1	10.0	02/19/2025	ND	183	91.6	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 55.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/18/2025	Sampling Date:	02/17/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 12 MD FED COM #11	Sampling Condition:	Cool & Intact
Project Number:	21724	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.05062-104.04413		

Sample ID: SW 1 (H250967-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/19/2025	ND	1.92	96.1	2.00	0.544		
Toluene*	<0.050	0.050	02/19/2025	ND	2.02	101	2.00	0.967		
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.16	108	2.00	0.881		
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.46	108	6.00	1.34		
Total BTEX	<0.300	0.300	02/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	02/19/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	179	89.3	200	1.28	
DRO >C10-C28*	33.6	10.0	02/19/2025	ND	175	87.3	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 63.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/18/2025	Sampling Date:	02/17/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 12 MD FED COM #11	Sampling Condition:	Cool & Intact
Project Number:	21724	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.05062-104.04413		

Sample ID: WW 1 (H250967-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/19/2025	ND	1.92	96.1	2.00	0.544		
Toluene*	<0.050	0.050	02/19/2025	ND	2.02	101	2.00	0.967		
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.16	108	2.00	0.881		
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.46	108	6.00	1.34		
Total BTEX	<0.300	0.300	02/19/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	02/19/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2025	ND	179	89.3	200	1.28	
DRO >C10-C28*	<10.0	10.0	02/19/2025	ND	175	87.3	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	02/19/2025	ND					

Surrogate: 1-Chlorooctane 67.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 1 of 2

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																									
Project Manager: Lance Crenshaw				P.O. #:				Chloride TPH (8015M) BTEX (8021B)																									
Address: 2617 West Marland				Company: SEE REMARKS																													
City: Hobbs		State: NM		Zip: 88240		Attn:																											
Phone #: (575) 264-9884		Fax #:		Address:																													
Project #: 21724		Project Owner: Mewbourne		City:																													
Project Name: Delaware Ranch 12 MD Fed Com 1H				State:		Zip:																											
Project Location: 32.05062, -104.04413				Phone #:																													
Sampler Name: Aaron Rios				Fax #:																													
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																									
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME					
H250967				C		1						X								X				2/17/25				X		X		X	
FL 1 @ 2.5'				C		1						X								X				2/17/25				X		X		X	
FL 2 @ 0.5'				C		1						X								X				2/17/25				X		X		X	
FL 3 @ 0.5'				C		1						X								X				2/17/25				X		X		X	
FL 4 @ 0.5'				C		1						X								X				2/17/25				X		X		X	
FL 5 @ 0.5'				C		1						X								X				2/17/25				X		X		X	
FL 6 @ 0.5'				C		1						X								X				2/17/25				X		X		X	
FL 7 @ 0.5'				C		1						X								X				2/17/25				X		X		X	
FL 8 @ 0.5'				C		1						X								X				2/17/25				X		X		X	
NW 1				C		1						X								X				2/17/25				X		X		X	
EW 1				C		1						X								X				2/17/25				X		X		X	

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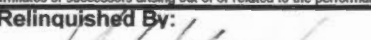
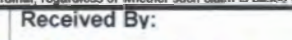
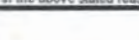
Relinquished By:		Date: 2-18-25		Received By:		Verbal Result: ☐ Yes ☐ No Add'l Phone #:	
Time: 1515		Time: 1515		Time: 1515		All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date:		Received By:		REMARKS:	
Time:		Time:		Time:		24 HOUR RUSH - Bill analytical to Mewbourne C/O Connor Walker and rush charges to Etech C/O Lance Crenshaw.	
Delivered By: (Circle One)		Observed Temp. °C: -7.0		Sample Condition: Cool Intact		CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:		Corrected Temp. °C: -6.7		Cool Intact ☒ Yes ☐ No		Turnaround Time: Standard ☐ Rush ☒	
						Thermometer ID #140	
						Correction Factor -0.5°C	
						Bacteria (only) Sample Condition: Cool Intact ☐ Yes ☐ No	
						Observed Temp. °C: ☐ Yes ☐ No	
						Corrected Temp. °C: ☐ Yes ☐ No	

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Page 2 of 2

[illegible]

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Relinquished By: 		Date: 2-18-25 Time: 1515		Received By: 		Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date: Time:		Received By:		REMARKS: 24 HOUR RUSH - Bill analytical to Mewbourne C/O Connor Walker and rush charges to Etech C/O Lance Crenshaw.	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C -7.0 Corrected Temp. °C -6.7		Sample Condition Cool Intact ☐ Yes ☐ No ☐ Yes ☐ No		CHECKED BY: (Initials) 	
				Turnaround Time: Standard ☐ Rush ☒		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C ☐ Yes ☐ No ☐ Yes ☐ No Corrected Temp. °C	
				Thermometer ID #140 Correction Factor -0.6°C +0.3°C			



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

June 05, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: DELAWARE RANCH 12 MD FED COM #1H

Enclosed are the results of analyses for samples received by the laboratory on 05/30/25 14:41.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/30/2025	Sampling Date:	05/29/2025
Reported:	06/05/2025	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 12 MD FED COM #11	Sampling Condition:	Cool & Intact
Project Number:	21724	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.05062-104.04413		

Sample ID: FL 9 @ 1.5' (H253253-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2025	ND	1.89	94.7	2.00	2.68	
Toluene*	<0.050	0.050	06/02/2025	ND	1.99	99.6	2.00	2.17	
Ethylbenzene*	<0.050	0.050	06/02/2025	ND	1.97	98.4	2.00	1.25	
Total Xylenes*	<0.150	0.150	06/02/2025	ND	6.07	101	6.00	1.04	
Total BTX	<0.300	0.300	06/02/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	192	96.2	200	1.02	
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	204	102	200	0.338	
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND					

Surrogate: 1-Chlorooctane 92.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/30/2025	Sampling Date:	05/29/2025
Reported:	06/05/2025	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 12 MD FED COM #11	Sampling Condition:	Cool & Intact
Project Number:	21724	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.05062-104.04413		

Sample ID: FL 10 @ 2' (H253253-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/02/2025	ND	1.89	94.7	2.00	2.68		
Toluene*	<0.050	0.050	06/02/2025	ND	1.99	99.6	2.00	2.17		
Ethylbenzene*	<0.050	0.050	06/02/2025	ND	1.97	98.4	2.00	1.25		
Total Xylenes*	<0.150	0.150	06/02/2025	ND	6.07	101	6.00	1.04		
Total BTEX	<0.300	0.300	06/02/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	192	96.2	200	1.02	
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	204	102	200	0.338	
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND					

Surrogate: 1-Chlorooctane 85.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/30/2025	Sampling Date:	05/29/2025
Reported:	06/05/2025	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 12 MD FED COM #11	Sampling Condition:	Cool & Intact
Project Number:	21724	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.05062-104.04413		

Sample ID: FL 11 @ 6" (H253253-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/02/2025	ND	1.89	94.7	2.00	2.68		
Toluene*	<0.050	0.050	06/02/2025	ND	1.99	99.6	2.00	2.17		
Ethylbenzene*	<0.050	0.050	06/02/2025	ND	1.97	98.4	2.00	1.25		
Total Xylenes*	<0.150	0.150	06/02/2025	ND	6.07	101	6.00	1.04		
Total BTEX	<0.300	0.300	06/02/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/02/2025	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	192	96.2	200	1.02	
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	204	102	200	0.338	
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND					

Surrogate: 1-Chlorooctane 92.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/30/2025
 Reported: 06/05/2025
 Project Name: DELAWARE RANCH 12 MD FED COM #11
 Project Number: 21724
 Project Location: MEWBOURNE 32.05062-104.04413

Sampling Date: 05/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 12 @ 6" (H253253-04)

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	06/02/2025	ND	1.89	94.7	2.00	2.68	
Toluene*	<0.050	0.050	06/02/2025	ND	1.99	99.6	2.00	2.17	
Ethylbenzene*	<0.050	0.050	06/02/2025	ND	1.97	98.4	2.00	1.25	
Total Xylenes*	<0.150	0.150	06/02/2025	ND	6.07	101	6.00	1.04	
Total BTEX	<0.300	0.300	06/02/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/02/2025	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	192	96.2	200	1.02	
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	204	102	200	0.338	
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND					

Surrogate: 1-Chlorooctane 88.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/30/2025	Sampling Date:	05/29/2025
Reported:	06/05/2025	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 12 MD FED COM #11	Sampling Condition:	Cool & Intact
Project Number:	21724	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.05062-104.04413		

Sample ID: FL 13 @ 6" (H253253-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/02/2025	ND	1.89	94.7	2.00	2.68		
Toluene*	<0.050	0.050	06/02/2025	ND	1.99	99.6	2.00	2.17		
Ethylbenzene*	<0.050	0.050	06/02/2025	ND	1.97	98.4	2.00	1.25		
Total Xylenes*	<0.150	0.150	06/02/2025	ND	6.07	101	6.00	1.04		
Total BTEX	<0.300	0.300	06/02/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/02/2025	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	192	96.2	200	1.02	
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	204	102	200	0.338	
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND					

Surrogate: 1-Chlorooctane 88.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/30/2025	Sampling Date:	05/29/2025
Reported:	06/05/2025	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 12 MD FED COM #11	Sampling Condition:	Cool & Intact
Project Number:	21724	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.05062-104.04413		

Sample ID: FL 14 @ 6" (H253253-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/02/2025	ND	1.89	94.7	2.00	2.68		
Toluene*	<0.050	0.050	06/02/2025	ND	1.99	99.6	2.00	2.17		
Ethylbenzene*	<0.050	0.050	06/02/2025	ND	1.97	98.4	2.00	1.25		
Total Xylenes*	<0.150	0.150	06/02/2025	ND	6.07	101	6.00	1.04		
Total BTEX	<0.300	0.300	06/02/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	192	96.2	200	1.02	
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	204	102	200	0.338	
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND					

Surrogate: 1-Chlorooctane 87.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/30/2025	Sampling Date:	05/29/2025
Reported:	06/05/2025	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 12 MD FED COM #11	Sampling Condition:	Cool & Intact
Project Number:	21724	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.05062-104.04413		

Sample ID: SP 1 @ SURF (H253253-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/02/2025	ND	1.89	94.7	2.00	2.68		
Toluene*	<0.050	0.050	06/02/2025	ND	1.99	99.6	2.00	2.17		
Ethylbenzene*	<0.050	0.050	06/02/2025	ND	1.97	98.4	2.00	1.25		
Total Xylenes*	<0.150	0.150	06/02/2025	ND	6.07	101	6.00	1.04		
Total BTEx	<0.300	0.300	06/02/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	192	96.2	200	1.02	
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	204	102	200	0.338	
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND					

Surrogate: 1-Chlorooctane 82.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/30/2025	Sampling Date:	05/29/2025
Reported:	06/05/2025	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 12 MD FED COM #11	Sampling Condition:	Cool & Intact
Project Number:	21724	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.05062-104.04413		

Sample ID: SP 2 @ SURF (H253253-08)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/02/2025	ND	1.89	94.7	2.00	2.68		
Toluene*	<0.050	0.050	06/02/2025	ND	1.99	99.6	2.00	2.17		
Ethylbenzene*	<0.050	0.050	06/02/2025	ND	1.97	98.4	2.00	1.25		
Total Xylenes*	<0.150	0.150	06/02/2025	ND	6.07	101	6.00	1.04		
Total BTX	<0.300	0.300	06/02/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	192	96.2	200	1.02	
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	204	102	200	0.338	
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND					

Surrogate: 1-Chlorooctane 82.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/30/2025	Sampling Date:	05/29/2025
Reported:	06/05/2025	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 12 MD FED COM #11	Sampling Condition:	Cool & Intact
Project Number:	21724	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.05062-104.04413		

Sample ID: SP 3 @ SURF (H253253-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/02/2025	ND	1.89	94.7	2.00	2.68		
Toluene*	<0.050	0.050	06/02/2025	ND	1.99	99.6	2.00	2.17		
Ethylbenzene*	<0.050	0.050	06/02/2025	ND	1.97	98.4	2.00	1.25		
Total Xylenes*	<0.150	0.150	06/02/2025	ND	6.07	101	6.00	1.04		
Total BTEx	<0.300	0.300	06/02/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	192	96.2	200	1.02	
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	204	102	200	0.338	
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND					

Surrogate: 1-Chlorooctane 91.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/30/2025	Sampling Date:	05/29/2025
Reported:	06/05/2025	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 12 MD FED COM #11	Sampling Condition:	Cool & Intact
Project Number:	21724	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.05062-104.04413		

Sample ID: SP 4 @ SURF (H253253-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/02/2025	ND	1.89	94.7	2.00	2.68		
Toluene*	<0.050	0.050	06/02/2025	ND	1.99	99.6	2.00	2.17		
Ethylbenzene*	<0.050	0.050	06/02/2025	ND	1.97	98.4	2.00	1.25		
Total Xylenes*	<0.150	0.150	06/02/2025	ND	6.07	101	6.00	1.04		
Total BTEx	<0.300	0.300	06/02/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	192	96.2	200	1.02	
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	204	102	200	0.338	
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND					

Surrogate: 1-Chlorooctane 77.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/30/2025	Sampling Date:	05/29/2025
Reported:	06/05/2025	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 12 MD FED COM #11	Sampling Condition:	Cool & Intact
Project Number:	21724	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.05062-104.04413		

Sample ID: SH 1 @ SURF (H253253-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/02/2025	ND	1.89	94.7	2.00	2.68		
Toluene*	<0.050	0.050	06/02/2025	ND	1.99	99.6	2.00	2.17		
Ethylbenzene*	<0.050	0.050	06/02/2025	ND	1.97	98.4	2.00	1.25		
Total Xylenes*	<0.150	0.150	06/02/2025	ND	6.07	101	6.00	1.04		
Total BTEx	<0.300	0.300	06/02/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	192	96.2	200	1.02	
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	204	102	200	0.338	
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND					

Surrogate: 1-Chlorooctane 87.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/30/2025	Sampling Date:	05/29/2025
Reported:	06/05/2025	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 12 MD FED COM #11	Sampling Condition:	Cool & Intact
Project Number:	21724	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.05062-104.04413		

Sample ID: SH 1 @ 1' (H253253-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/02/2025	ND	1.89	94.7	2.00	2.68		
Toluene*	<0.050	0.050	06/02/2025	ND	1.99	99.6	2.00	2.17		
Ethylbenzene*	<0.050	0.050	06/02/2025	ND	1.97	98.4	2.00	1.25		
Total Xylenes*	<0.150	0.150	06/02/2025	ND	6.07	101	6.00	1.04		
Total BTEx	<0.300	0.300	06/02/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	192	96.2	200	1.02	
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	204	102	200	0.338	
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND					

Surrogate: 1-Chlorooctane 92.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/30/2025	Sampling Date:	05/29/2025
Reported:	06/05/2025	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 12 MD FED COM #11	Sampling Condition:	Cool & Intact
Project Number:	21724	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.05062-104.04413		

Sample ID: SH 2 @ SURF (H253253-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/02/2025	ND	1.89	94.7	2.00	2.68		
Toluene*	<0.050	0.050	06/02/2025	ND	1.99	99.6	2.00	2.17		
Ethylbenzene*	<0.050	0.050	06/02/2025	ND	1.97	98.4	2.00	1.25		
Total Xylenes*	<0.150	0.150	06/02/2025	ND	6.07	101	6.00	1.04		
Total BTEx	<0.300	0.300	06/02/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	192	96.2	200	1.02	
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	204	102	200	0.338	
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND					

Surrogate: 1-Chlorooctane 94.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/30/2025	Sampling Date:	05/29/2025
Reported:	06/05/2025	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 12 MD FED COM #11	Sampling Condition:	Cool & Intact
Project Number:	21724	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.05062-104.04413		

Sample ID: SH 2 @ 1' (H253253-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/02/2025	ND	1.89	94.7	2.00	2.68		
Toluene*	<0.050	0.050	06/02/2025	ND	1.99	99.6	2.00	2.17		
Ethylbenzene*	<0.050	0.050	06/02/2025	ND	1.97	98.4	2.00	1.25		
Total Xylenes*	<0.150	0.150	06/02/2025	ND	6.07	101	6.00	1.04		
Total BTEx	<0.300	0.300	06/02/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	192	96.2	200	1.02	
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	204	102	200	0.338	
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND					

Surrogate: 1-Chlorooctane 92.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/30/2025	Sampling Date:	05/29/2025
Reported:	06/05/2025	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 12 MD FED COM #11	Sampling Condition:	Cool & Intact
Project Number:	21724	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.05062-104.04413		

Sample ID: SH 3 @ SURF (H253253-15)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/02/2025	ND	1.89	94.7	2.00	2.68		
Toluene*	<0.050	0.050	06/02/2025	ND	1.99	99.6	2.00	2.17		
Ethylbenzene*	<0.050	0.050	06/02/2025	ND	1.97	98.4	2.00	1.25		
Total Xylenes*	<0.150	0.150	06/02/2025	ND	6.07	101	6.00	1.04		
Total BTX	<0.300	0.300	06/02/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	192	96.2	200	1.02	
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	204	102	200	0.338	
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND					

Surrogate: 1-Chlorooctane 100 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/30/2025	Sampling Date:	05/29/2025
Reported:	06/05/2025	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 12 MD FED COM #11	Sampling Condition:	Cool & Intact
Project Number:	21724	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.05062-104.04413		

Sample ID: SH 3 @ 1' (H253253-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/02/2025	ND	1.89	94.7	2.00	2.68		
Toluene*	<0.050	0.050	06/02/2025	ND	1.99	99.6	2.00	2.17		
Ethylbenzene*	<0.050	0.050	06/02/2025	ND	1.97	98.4	2.00	1.25		
Total Xylenes*	<0.150	0.150	06/02/2025	ND	6.07	101	6.00	1.04		
Total BTEX	<0.300	0.300	06/02/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	192	96.2	200	1.02		
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	204	102	200	0.338		
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND						

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 97.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/30/2025	Sampling Date:	05/29/2025
Reported:	06/05/2025	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 12 MD FED COM #11	Sampling Condition:	Cool & Intact
Project Number:	21724	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.05062-104.04413		

Sample ID: SH 4 @ SURF (H253253-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/02/2025	ND	1.89	94.7	2.00	2.68		
Toluene*	<0.050	0.050	06/02/2025	ND	1.99	99.6	2.00	2.17		
Ethylbenzene*	<0.050	0.050	06/02/2025	ND	1.97	98.4	2.00	1.25		
Total Xylenes*	<0.150	0.150	06/02/2025	ND	6.07	101	6.00	1.04		
Total BTEx	<0.300	0.300	06/02/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	192	96.2	200	1.02	
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	204	102	200	0.338	
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND					

Surrogate: 1-Chlorooctane 95.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.9 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/30/2025	Sampling Date:	05/29/2025
Reported:	06/05/2025	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 12 MD FED COM #11	Sampling Condition:	Cool & Intact
Project Number:	21724	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.05062-104.04413		

Sample ID: SH 4 @ 1' (H253253-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/02/2025	ND	1.89	94.7	2.00	2.68		
Toluene*	<0.050	0.050	06/02/2025	ND	1.99	99.6	2.00	2.17		
Ethylbenzene*	<0.050	0.050	06/02/2025	ND	1.97	98.4	2.00	1.25		
Total Xylenes*	<0.150	0.150	06/02/2025	ND	6.07	101	6.00	1.04		
Total BTEx	<0.300	0.300	06/02/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	192	96.2	200	1.02	
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	204	102	200	0.338	
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.4 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=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.

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

Celey D. Keene, Lab Director/Quality Manager

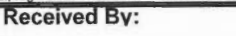
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 2 of 2

[illegible]

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Relinquished By: 		Date: 5-30-35 Time: 1441		Received By: 		Verbal Result: ☐ Yes ☐ No Add'l Phone #: _____ All Results are emailed. Please provide Email address: pm@etechnv.com	
Relinquished By: _____		Date: _____ Time: _____		Received By: _____		REMARKS: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____		Observed Temp. °C: -10.02 Corrected Temp. °C: -10.3 5-30-35 -9.7-		Sample Condition Cool Intact ☒ Yes ☐ No ☐ Yes ☐ No		CHECKED BY: (Initials) 	
				Turnaround Time: Standard ☒ Rush ☐ 5-30-35 Thermometer ID #140 Correction Factor -0.6°C		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C	

Appendix E

Regulatory Correspondence

From: OCDOnline@state.nm.us
Sent: Friday, February 14, 2025 8:44 PM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 432416

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#) nAPP2504558001.

The sampling event is expected to take place:

When: 02/18/2025 @ 07:00

Where: N-12-26S-28E 0 FNL 0 FEL (32.050205,-104.044107)

Additional Information: Aaron Rios, 432-701-8602

Additional Instructions: From the intersection of US-285 and Whitehorn Rd (32.045569, -104.062945), head E on Whitehorn Rd for 0.94 mi, then SE for 0.03 mi, then E across the pad for 0.18 mi, then SE for 0.02 mi to arrive at the Delaware Ranch 12 MD Fed Com 1H pad (32.05062, -104.044130).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Friday, February 14, 2025 8:46 PM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 432417

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#) nAPP2504558001.

The sampling event is expected to take place:

When: 02/19/2025 @ 07:00

Where: N-12-26S-28E 0 FNL 0 FEL (32.050205, -104.044107)

Additional Information: Aaron Rios, 432-701-8602

Additional Instructions: From the intersection of US-285 and Whitehorn Rd (32.045569, -104.062945), head E on Whitehorn Rd for 0.94 mi, then SE for 0.03 mi, then E across the pad for 0.18 mi, then SE for 0.02 mi to arrive at the Delaware Ranch 12 MD Fed Com 1H pad (32.05062, -104.044130).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Friday, February 14, 2025 8:50 PM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 432418

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#) nAPP2504558001.

The sampling event is expected to take place:

When: 02/20/2025 @ 07:00

Where: N-12-26S-28E 0 FNL 0 FEL (32.050205, -104.044107)

Additional Information: Aaron Rios, 432-701-8602

Additional Instructions: From the intersection of US-285 and Whitehorn Rd (32.045569, -104.062945), head E on Whitehorn Rd for 0.94 mi, then SE for 0.03 mi, then E across the pad for 0.18 mi, then SE for 0.02 mi to arrive at the Delaware Ranch 12 MD Fed Com 1H pad (32.05062, -104.044130).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Friday, February 14, 2025 8:52 PM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 432419

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#) nAPP2504558001.

The sampling event is expected to take place:

When: 02/21/2025 @ 07:00

Where: N-12-26S-28E 0 FNL 0 FEL (32.050205, -104.044107)

Additional Information: Aaron Rios, 432-701-8602

Additional Instructions: From the intersection of US-285 and Whitehorn Rd (32.045569, -104.062945), head E on Whitehorn Rd for 0.94 mi, then SE for 0.03 mi, then E across the pad for 0.18 mi, then SE for 0.02 mi to arrive at the Delaware Ranch 12 MD Fed Com 1H pad (32.05062, -104.044130).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Friday, February 14, 2025 8:56 PM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 432420

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#) nAPP2504558001.

The sampling event is expected to take place:

When: 02/24/2025 @ 07:00

Where: N-12-26S-28E 0 FNL 0 FEL (32.050205,-104.044107)

Additional Information: Aaron Rios, 432-701-8602

Additional Instructions: From the intersection of US-285 and Whitehorn Rd (32.045569, -104.062945), head E on Whitehorn Rd for 0.94 mi, then SE for 0.03 mi, then E across the pad for 0.18 mi, then SE for 0.02 mi to arrive at the Delaware Ranch 12 MD Fed Com 1H pad (32.05062, -104.044130).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Friday, February 14, 2025 8:58 PM
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 432421

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#) nAPP2504558001.

The sampling event is expected to take place:

When: 02/25/2025 @ 07:00

Where: N-12-26S-28E 0 FNL 0 FEL (32.050205,-104.044107)

Additional Information: Aaron Rios, 432-701-8602

Additional Instructions: From the intersection of US-285 and Whitehorn Rd (32.045569, -104.062945), head E on Whitehorn Rd for 0.94 mi, then SE for 0.03 mi, then E across the pad for 0.18 mi, then SE for 0.02 mi to arrive at the Delaware Ranch 12 MD Fed Com 1H pad (32.05062, -104.044130).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Monday, May 12, 2025 3:11 PM
To: Connor Walker <cwalker@mewbourne.com>
Subject: [EXT] The Oil Conservation Division (OCD) has rejected the application, Application ID: 448470

To whom it may concern (c/o Connor Walker for MEWBOURNE OIL CO),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2504558001, for the following reasons:

- **Remediation closure denied for the following reasons:**
- **1) To the question "What was the total surface area (in square feet) remediated" you answered 2487. That means that 13 base samples should have been collected from the excavations. Sidewall samples are then collected around the perimeter every 200 ft2.**
- **2) Incident Type was listed as Fire. No photos of the equipment or material that caught fire have been provided or how it was addressed.**
- **3) Refer to Photo Number 1. Excavation extent does not show that you collected samples under the lines shown in this photo nor south of their location towards the pasture. Five-point composite samples will need collected every 200 ft2 to ensure contamination did not continue to off pad areas.**
- **4) Sampling notifications were provided for 2/18-2/21/25 and 2/24-25/25 but not 2/17/25. Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D(1)(a) NMAC. Failure to provide proper sampling notice is a compliance issue and the OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D(1)(a) NMAC.**
- **5) Under the Site Characterization portion of the C-141 application, update the minimum distances to the following upon resubmission: any lakebed, sinkhole or playa lake (500-1000 ft SW) and a wetland (500-1000 ft SW or NE).**
- **6) As this site is in medium karst the most stringent Closure Criteria apply.**
- **Submit updated report by 8/11/25.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 448470. Please review and make the required correction(s) prior to resubmitting. If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,
Shelly Wells
Environmental Specialist-A
505-469-7520
Shelly.Wells@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Wednesday, May 21, 2025 12:43 PM
To: Cesar Rosendo
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 465826

To whom it may concern (c/o Cesar Rosendo for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2504558001.

The sampling event is expected to take place:

When: 05/27/2025 @ 07:30

Where: N-12-26S-28E 0 FNL 0 FEL (32.050205,-104.044107)

Additional Information: Martin Sepulvedo 432-305-7322

Additional Instructions: From the intersection of US-285 and Whitehorn Rd (32.045569, -104.062945), head E on Whitehorn Rd for 0.94 mi, then SE for 0.03 mi, then E across the pad for 0.18 mi, then SE for 0.02 mi to arrive at the Delaware Ranch 12 MD Fed Com 1H pad (32.05062, -104.044130).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Wednesday, May 21, 2025 12:45 PM
To: Cesar Rosendo
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 465828

To whom it may concern (c/o Cesar Rosendo for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2504558001.

The sampling event is expected to take place:

When: 05/28/2025 @ 07:30

Where: N-12-26S-28E 0 FNL 0 FEL (32.050205,-104.044107)

Additional Information: Martin Sepulvedo 432-305-7322

Additional Instructions: From the intersection of US-285 and Whitehorn Rd (32.045569, -104.062945), head E on Whitehorn Rd for 0.94 mi, then SE for 0.03 mi, then E across the pad for 0.18 mi, then SE for 0.02 mi to arrive at the Delaware Ranch 12 MD Fed Com 1H pad (32.05062, -104.044130)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Wednesday, May 21, 2025 12:49 PM
To: Cesar Rosendo
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 465830

To whom it may concern (c/o Cesar Rosendo for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2504558001.

The sampling event is expected to take place:

When: 05/29/2025 @ 07:30

Where: N-12-26S-28E 0 FNL 0 FEL (32.050205,-104.044107)

Additional Information: Martin Sepulvedo 432-305-7322

Additional Instructions: From the intersection of US-285 and Whitehorn Rd (32.045569, -104.062945), head E on Whitehorn Rd for 0.94 mi, then SE for 0.03 mi, then E across the pad for 0.18 mi, then SE for 0.02 mi to arrive at the Delaware Ranch 12 MD Fed Com 1H pad (32.05062, -104.044130).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Sent: Wednesday, May 21, 2025 12:52 PM
To: Cesar Rosendo
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 465832

To whom it may concern (c/o Cesar Rosendo for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2504558001.

The sampling event is expected to take place:

When: 05/30/2025 @ 07:30

Where: N-12-26S-28E 0 FNL 0 FEL (32.050205,-104.044107)

Additional Information: Martin Sepulvedo 432-305-7322

Additional Instructions: From the intersection of US-285 and Whitehorn Rd (32.045569, -104.062945), head E on Whitehorn Rd for 0.94 mi, then SE for 0.03 mi, then E across the pad for 0.18 mi, then SE for 0.02 mi to arrive at the Delaware Ranch 12 MD Fed Com 1H pad (32.05062, -104.044130).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: Ben Arguijo
To: Wells, Shelly, EMNRD
Subject: [EXTERNAL] RE: nAPP2504558001 DELAWARE RANCH 12 BATTERY #1
Date: Tuesday, October 14, 2025 6:53:58 PM
Attachments: image001.png
image002.png
image003.png
Delaware Ranch 12 Battery #1 - Soil Chemistry Table.pdf

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Shelly,

Those samples were all collected at 6 inches/0.5 feet. Apparently, instead of copying+pasting or simply typing "0.5" into the Depth cells for those samples, I used Excel's Click+Drag function and inadvertently selected "Fill Series" instead of "Copy Cells." So, instead of a straight copy of the value from the first selected cell, the subsequent 3 cells were incremented by 1...and I didn't catch it.

FL 11 @ 6"	5/29/2025	0.5	In-Situ	FL 11 @ 6"	5/29/2025	0.5	In-Sit
FL 12 @ 6"	5/29/2025	0.5	In-Situ	FL 12 @ 6"	5/29/2025	1.5	In-Sit
FL 13 @ 6"	5/29/2025	0.5	In-Situ	FL 13 @ 6"	5/29/2025	2.5	In-Sit
FL 14 @ 6"	5/29/2025	0.5	In-Situ	FL 14 @ 6"	5/29/2025	3.5	In-Sit
NW 1	2/17/2025	0-2.5		NW 1	2/17/2025	0-2.5	
EW 1				EW 1			
SW 1				SW 1			
WW 1				WW 1			
SH 1 @ Surf				SH 1 @ Surf			
SH 1 @ 1'				SH 1 @ 1'			
SH 2 @ Surf				SH 2 @ Surf			

I apologize for the confusion. An updated soil chemistry table is attached.

Let me know if you need anything else.

Thanks.

Ben

Ben J. Arguijo
Project Manager



6309 Indiana Ave., Ste. D
Lubbock, TX 79413

(432) 813-1592

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Tuesday, October 14, 2025 5:54 PM
To: Ben Arguijo <bena@etechenv.com>
Subject: nAPP2504558001 DELAWARE RANCH 12 BATTERY #1

Hi Ben,

I am reviewing the resubmitted report for nAPP2504558001 DELAWARE RANCH 12 BATTERY #1 and referring to Table I can you please clarify what depths the additional floor samples (FL 12 through FL 14) were collected at? Under Sample ID they are listed as collected at 6," whereas under Depth (Feet) they have varying depths listed. I look forward to hearing back from you.

Sincerely,

Shelly

Shelly Wells * Senior Environmental Scientist
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company Delaware Ranch 12 MD Fed Com 1H NMOCD Ref. #: nAPP2504558001											
NMOCD Closure Criteria				10	50	N/A	N/A	1,000	N/A	2,500	20,000
NMOCD Reclamation Standard				10	50	N/A	N/A	N/A	N/A	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 1 @ 2.5'	2/17/2025	2.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 2 @ 0.5'	2/17/2025	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 3 @ 0.5'	2/17/2025	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
FL 4 @ 0.5'	2/17/2025	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 5 @ 0.5'	2/17/2025	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL 6 @ 0.5'	2/17/2025	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL 7 @ 0.5'	2/17/2025	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 8 @ 0.5'	2/17/2025	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
FL 9 @ 1.5'	5/29/2025	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 10 @ 2'	5/29/2025	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 11 @ 6"	5/29/2025	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 12 @ 6"	5/29/2025	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 13 @ 6"	5/29/2025	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 14 @ 6"	5/29/2025	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NW 1	2/17/2025	0-2.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EW 1	2/17/2025	0-2.5	In-Situ	<0.050	<0.300	<10.0	69.1	69.1	<10.0	69.1	384
SW 1	2/17/2025	0-0.5	In-Situ	<0.050	<0.300	<10.0	33.6	33.6	<10.0	33.6	384
WW 1	2/17/2025	0-0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
SH 1 @ Surf	5/29/2025	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH 1 @ 1'	5/29/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH 2 @ Surf	5/29/2025	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH 2 @ 1'	5/29/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH 3 @ Surf	5/29/2025	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH 3 @ 1'	5/29/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH 4 @ Surf	5/29/2025	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH 4 @ 1'	5/29/2025	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP 1 @ Surf	5/29/2025	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP 2 @ Surf	5/29/2025	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
SP 3 @ Surf	5/29/2025	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SP 4 @ Surf	5/29/2025	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0

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

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
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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 513470

QUESTIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 513470
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2504558001
Incident Name	NAPP2504558001 DELAWARE RANCH 12 BATTERY #1 @ FAPP2324251949
Incident Type	Fire
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2324251949] DELAWARE RANCH 12 BATTERY #1

Location of Release Source

Please answer all the questions in this group.

Site Name	DELAWARE RANCH 12 BATTERY #1
Date Release Discovered	01/16/2025
Surface Owner	Private

Incident Details

Please answer all the questions in this group.

Incident Type	Fire
Did this release result in a fire or is the result of a fire	Yes
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	Cause: Human Error Fitting Crude Oil Released: 8 BBL Recovered: 0 BBL Lost: 8 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
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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QUESTIONS, Page 2

Action 513470

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 513470
	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: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 10/08/2025
--	---

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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Oil Conservation Division
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QUESTIONS, Page 3

Action 513470

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 513470
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>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.</i>	
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	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 300 and 500 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 500 and 1000 (ft.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 500 and 1000 (ft.)
Any other fresh water well or spring	Between 500 and 1000 (ft.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 300 and 500 (ft.)
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	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	464
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	69.1
GRO+DRO (EPA SW-846 Method 8015M)	69.1
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	02/17/2025
On what date will (or did) the final sampling or liner inspection occur	02/17/2025
On what date will (or was) the remediation complete(d)	02/19/2025
What is the estimated surface area (in square feet) that will be reclaimed	2487
What is the estimated volume (in cubic yards) that will be reclaimed	83
What is the estimated surface area (in square feet) that will be remediated	2487
What is the estimated volume (in cubic yards) that will be remediated	60
<i>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.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Phone: (505) 476-3441

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QUESTIONS, Page 4

Action 513470

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 513470
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	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.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 10/08/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Phone: (505) 476-3441

General Information
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Oil Conservation Division
1220 S. St Francis Dr.
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QUESTIONS, Page 5

Action 513470

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 513470
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 513470

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 513470
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	465832
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/30/2025
What was the (estimated) number of samples that were to be gathered	14
What was the sampling surface area in square feet	2200

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
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	2487
What was the total volume (cubic yards) remediated	60
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	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Please see attached closure report for complete activities.
<i>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>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 10/08/2025

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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QUESTIONS, Page 7

Action 513470

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 513470
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 513470

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 513470
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	10/15/2025