

# Remediation Summary & Soil Closure Request

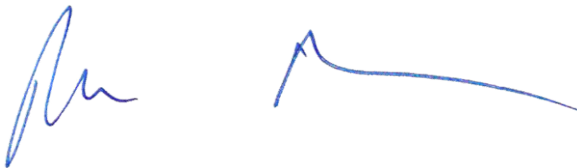
## Permian Resources Woody 22 Fed Com CTB #1

Lea County, New Mexico  
Unit Letter K, Section 22, Township 20 South, Range 35 East  
Latitude 32.55729 North, Longitude 103.44071 West  
NMOCD Reference No. nAPP2334564703

Prepared By:

### Etech Environmental & Safety Solutions, Inc.

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Matthew Grieco



Midland • San Antonio • Lubbock • Hobbs • Lafayette

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## 1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Permian Resources, has prepared this *Remediation Summary & Soil Closure Request* for the release site known as the Woody 22 Fed Com CTB #1 (henceforth, "Site"). Details of the release are summarized below:

### Location of Release Source

Latitude: 32.55729 Longitude: -103.44071

Provided GPS are in WGS84 format.

Site Name: <u>Woody 22 Fed Com CTB #1</u>	Site Type: <u>Tank Battery</u>
Date Release Discovered: <u>11/29/2023</u>	API # (if applicable): <u>N/A</u>

Unit Letter	Section	Township	Range	County
<u>K</u>	<u>22</u>	<u>20S</u>	<u>35E</u>	<u>Lea</u>

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

### Nature and Volume of Release

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) <u>11</u>	Volume Recovered (bbls) <u>9</u>
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) <u>26</u>	Volume Recovered (bbls) <u>19</u>
	Is the concentration of dissolved chloride in the produced water > 10,000 mg/L?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released	Volume/Weight Recovered

Cause of Release:  
Equipment Failure

### Initial Response

<input checked="" type="checkbox"/> The source of the release has been stopped.
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.
<input checked="" type="checkbox"/> Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices
<input checked="" type="checkbox"/> 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 Imaging System.

## 2.0 SITE CHARACTERIZATION

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (bgs)?	Between 51 and 75 (ft.)
What method was used to determine the depth to groundwater?	NM OSE iWaters Database Search
Did the release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
What is the minimum distance between the closest lateral extents of the release and the following surface areas?	
A continuously flowing watercourse or any other significant watercourse?	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution or church?	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Between 1 and 5 (mi.)
Any other fresh water well or spring?	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field?	Greater than 5 (mi.)
A wetland?	Between 1 and 5 (mi.)
A subsurface mine?	Greater than 5 (mi.)
A (non-karst) unstable area?	Greater than 5 (mi.)
Categorize the risk of this well/site being in a karst geology.	Low
A 100-year floodplain?	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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, 2, 4 and 5.



3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

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

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria**†	Reclamation Standard*‡
Between 51 and 75 (ft.)	Chloride (Cl-)	EPA** 300.0 or SM4500 Cl B	600	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	100	100
	Gas Range Organics + Diesel Range Organics (GRO+DRO)	EPA SW-846 Method 8015M	N/A	N/A
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50

\* Measured in milligrams per kilogram (mg/kg)  
\*\* Environmental Protection Agency  
† Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).  
‡ The NMOCD Reclamation Standard applies only to the top 4' of soil in non-production areas. Section 19.15.29.13 D.(1) NMAC.

4.0 REMEDIATION ACTIVITIES SUMMARY

Requesting a remediation plan approval with this submission?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Have the lateral and vertical extents of contamination been fully delineated?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Was this release entirely contained within a lined containment area?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
On what estimated date will (or did) the remediation commence?	8/16/2024	
On what date will (or did) the final sampling or liner inspection occur?	8/16/2024	
On what date will (or was) the remediation complete(d)?	10/2/2024	
What is the total surface area (sq. ft.) in need of or that will <i>eventually</i> be reclaimed?	6,800	
What is the total volume (cy) in need of or that will <i>eventually</i> be reclaimed?	140	
What was the total surface area (sq. ft.) that has or will be remediated?	6,800	
What was the total volume (cy) that has or will be remediated?	600	
This remediation utilized the following processes to remediate/reduce contaminants:		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(In Situ) Soil Vapor Extraction	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(In Situ) Biological processing (i.e. Microbes/Fertilizer, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Ground Water Abatement pursuant to 19.15.30 NMAC	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Other (Non-listed remedial process)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Which OCD approved facility was or will be used for off-site disposal?	Lea Land, Inc.	
NMOCD Disposal Facility ID?	fEEM0112342028	
Summarize any additional remediation activities not included by answers above.	See below	

## 4.0 REMEDIATION ACTIVITIES SUMMARY

Requesting a remediation plan approval with this submission?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Have the lateral and vertical extents of contamination been fully delineated?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Was this release entirely contained within a lined containment area?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
On what estimated date will (or did) the remediation commence?	8/16/2024	
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This remediation utilized the following processes to remediate/reduce contaminants:		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(In Situ) Soil Vapor Extraction	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(In Situ) Biological processing (i.e. Microbes/Fertilizer, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Ground Water Abatement pursuant to 19.15.30 NMAC	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Other (Non-listed remedial process)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Which OCD approved facility was or will be used for off-site disposal?	Lea Land, Inc.	
NMOCD Disposal Facility ID?	fEEM0112342028	
Summarize any additional remediation activities not included by answers above.	See below	

On August 16, 2024, Etech commenced remediation activities at the Site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standards was excavated and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal. Olfactory/visual senses and/or a chloride test kit were utilized to field-screen the horizontal and vertical extent of impacted soil and to guide the excavation. The sidewalls and floor of the excavation were advanced until field tests and field observations suggested that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards. Representative five-point composite confirmation soil samples were collected every two-hundred (200) square feet from the sidewalls and floor of the excavated area to be submitted for laboratory analysis. A summary of soil sampling events is provided below:

Constituent	Highest Observable Concentration	Sample ID	Sample Date	Sample Depth (ft bgs)	Soil Status
Chloride	32.0	Numerous Samples	8/16/2024	0.67	In-Situ
TPH	25.0	FL 7 @ 8"	8/16/2024	0.67	In-Situ
GRO+DRO	<20.0	All submitted samples	8/16/2024	0.67 - 2	In-Situ
BTEX	<0.300	All submitted samples	8/16/2024	0.67 - 2	In-Situ
Benzene	<0.050	All submitted samples	8/16/2024	0.67 - 2	In-Situ

Please reference Table 1 for additional information.

On August 16, 2024, Etech collected fifty-three confirmation soil samples (FL 1 - FL 37, EW 1 - EW 4, NW 1 - NW 4, SW 1 - SW 4, WW 1 - WW 4) from the floor and sidewalls of the excavated area. The soil samples were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples.

The final dimensions of the excavated area were approximately eighty-five (85) to one-hundred thirty-five (135) feet in length, seventy (70) to one-hundred fifteen (115) feet in width, and two-thirds (0.67) to two (2) feet in depth. During the course of remediation activities, Etech transported approximately six hundred (600) cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately five-hundred sixteen (516) cubic yards of locally sourced, non-impacted material to the site for use as backfill.

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

## 5.0 SOIL CLOSURE REQUEST

Requesting a deferral of remediation closure due date with the approval of this submission?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Requesting a remediation closure approval with this submission?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Have the lateral and vertical extents of contamination been fully delineated?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Was this release entirely contained within a lined containment area?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the site's existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
What was the total surface area (sq. ft.) remediated?	6,800	
What was the total volume (cy) remediated?	600	

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

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

## 6.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste containing earthen material with concentrations of less than 600 mg/kg chloride, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg benzene?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Requesting a reclamation approval with this submission?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Requesting a restoration complete approval with this submission?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
What was the total surface area (in square feet) reclaimed?	6,800	
What was the total volume (in cubic yards) reclaimed?	600	

On August 16, 2024, in accordance with the NMOCD, a 5-point composite soil sample (Simms Ranch Pit) was collected from the imported material stockpiled on-site to be utilized as backfill. The soil sample was submitted to the laboratory for analysis of BTEX, TPH, and chloride concentrations. Laboratory analytical results indicated that the BTEX, TPH, and chloride concentrations in the soil sample were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards and confirmed that the material was acceptable for use as backfill.

From October 1, 2024 through October 2, 2024, 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.

The release was limited to the production pad of an active tank battery and did not impact the adjacent pasture. Final reclamation will be conducted upon decommissioning and abandonment of the facility. The reclaimed area will be revegetated with a landowner-approved seed mix certified to be free from noxious weeds during the first favorable growing season following closure of the facility. The seed will be installed at the prescribed rate utilizing either a seed drill or a broadcaster and harrow.

## **7.0 LIMITATIONS**

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

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

## **8.0 DISTRIBUTION**

### ***Permian Resources***

*300 N. Marienfeld St. Suite 100  
Midland, TX 79701*

### ***New Mexico Energy, Minerals and Natural Resources Department***

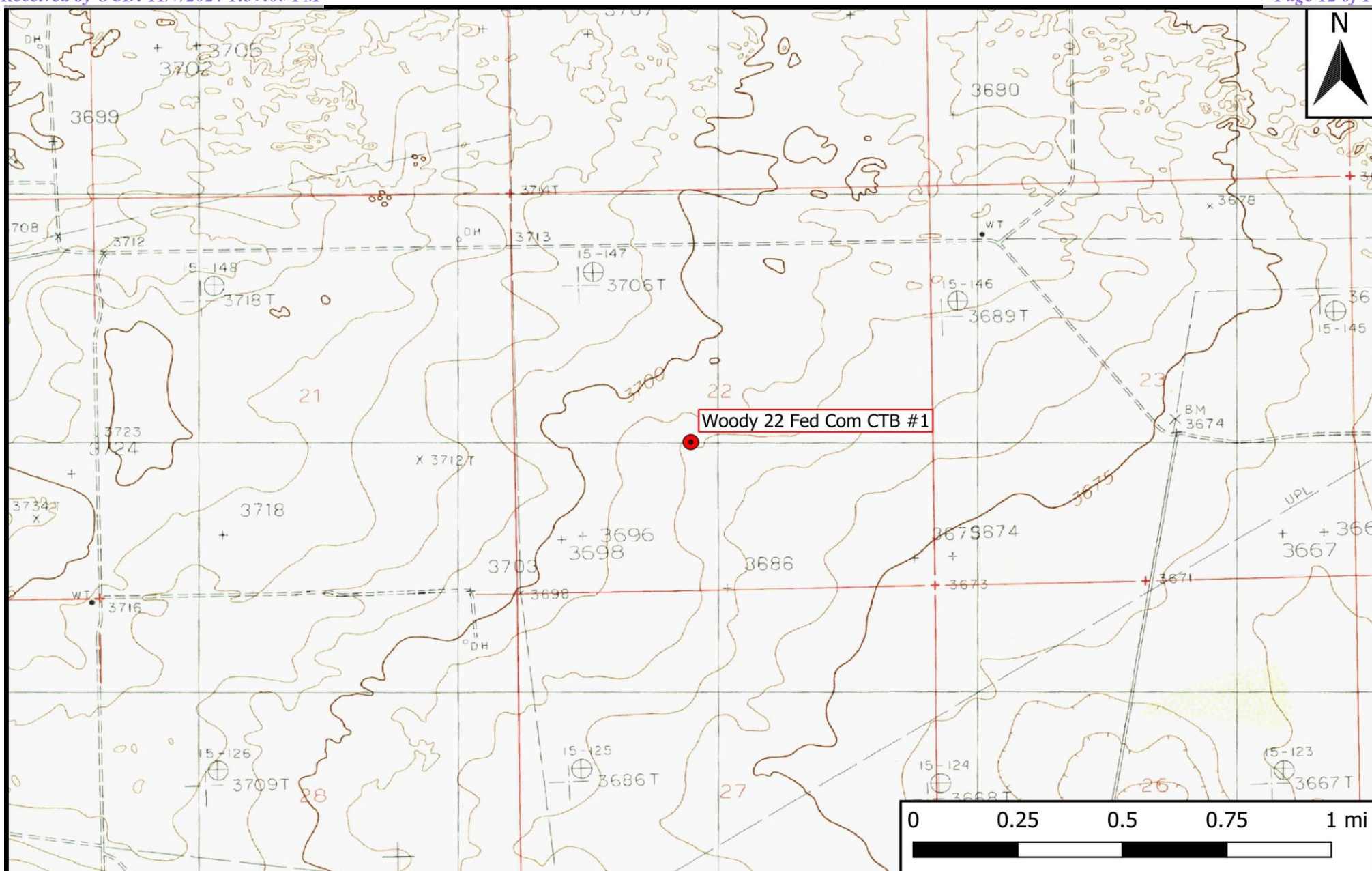
*Oil Conservation Division, District 2  
811 S. First Street  
Artesia, NM 88210*

*(Electronic Submission)*

## **Figure 1**

### **Topographic Map**





## Legend

● Site Location

## Figure 1

Topographic Map

Permian Resources

Woody 22 Fed Com CTB #1

GPS: 32.55666626, -103.44654961

Lea County



Drafted: mag

Checked: jwl

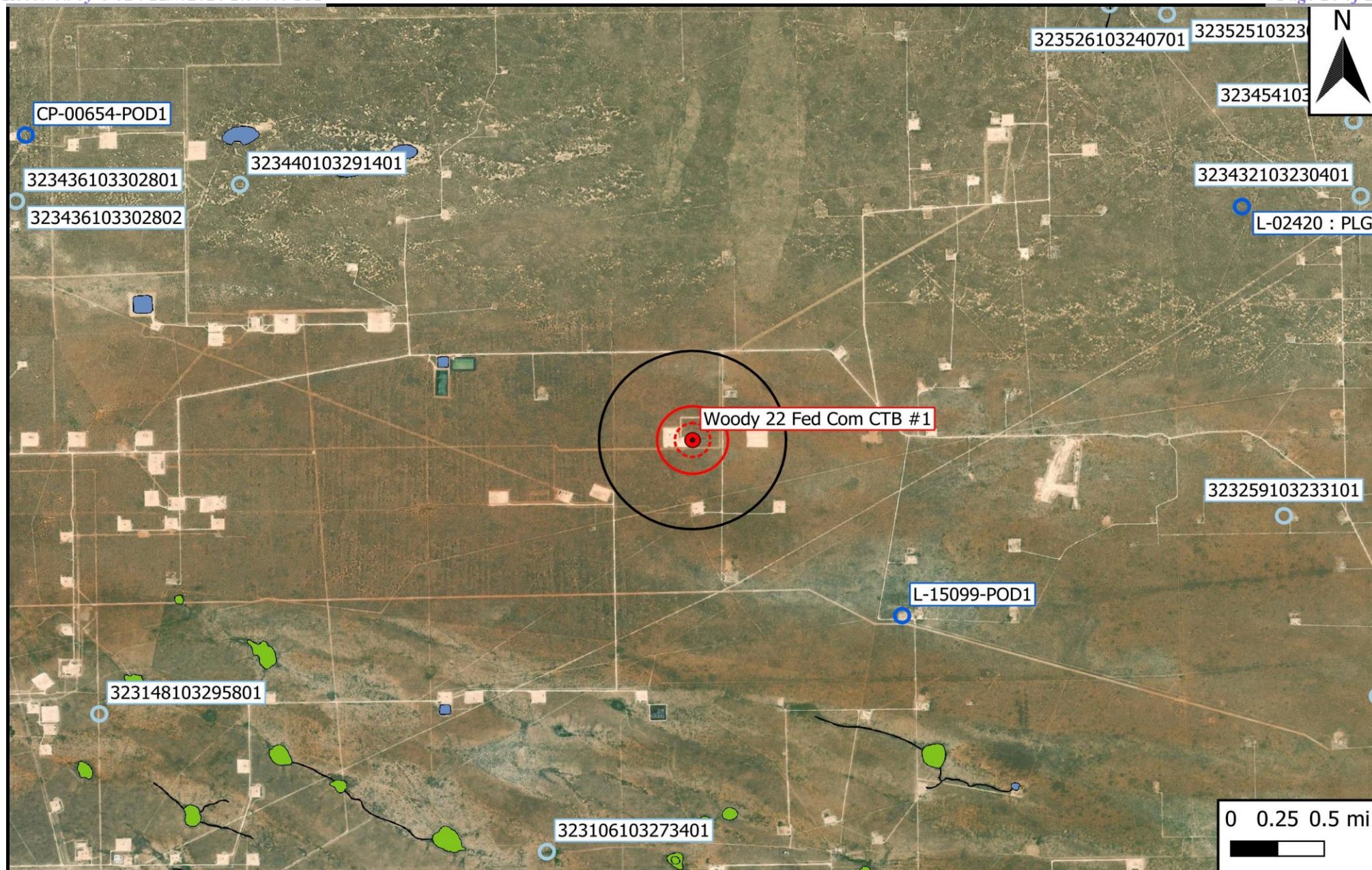
Date: 4/2/24



## **Figure 2**

### **Aerial Proximity Map**





## Legend

- Site Location
- Well - NMOSE
- Well - USGS
- Potash Mine Workings
- Medium/High Karst
- ⋯ 500 Ft Radius
- 1000 Ft Radius
- 0.5 Mi Radius
- 1% Annual Flood Chance
- Lake/Freshwater Pond
- Emergent/Forested Wetlands
- Riverine

## Figure 2

Aerial Proximity Map

Permian Resources

Woody 22 Fed Com CTB #1

GPS: 32.55666626, -103.44654961

Lea County

eTECH

Environmental &amp; Safety Solutions, Inc.



Drafted: mag

Checked: jwl

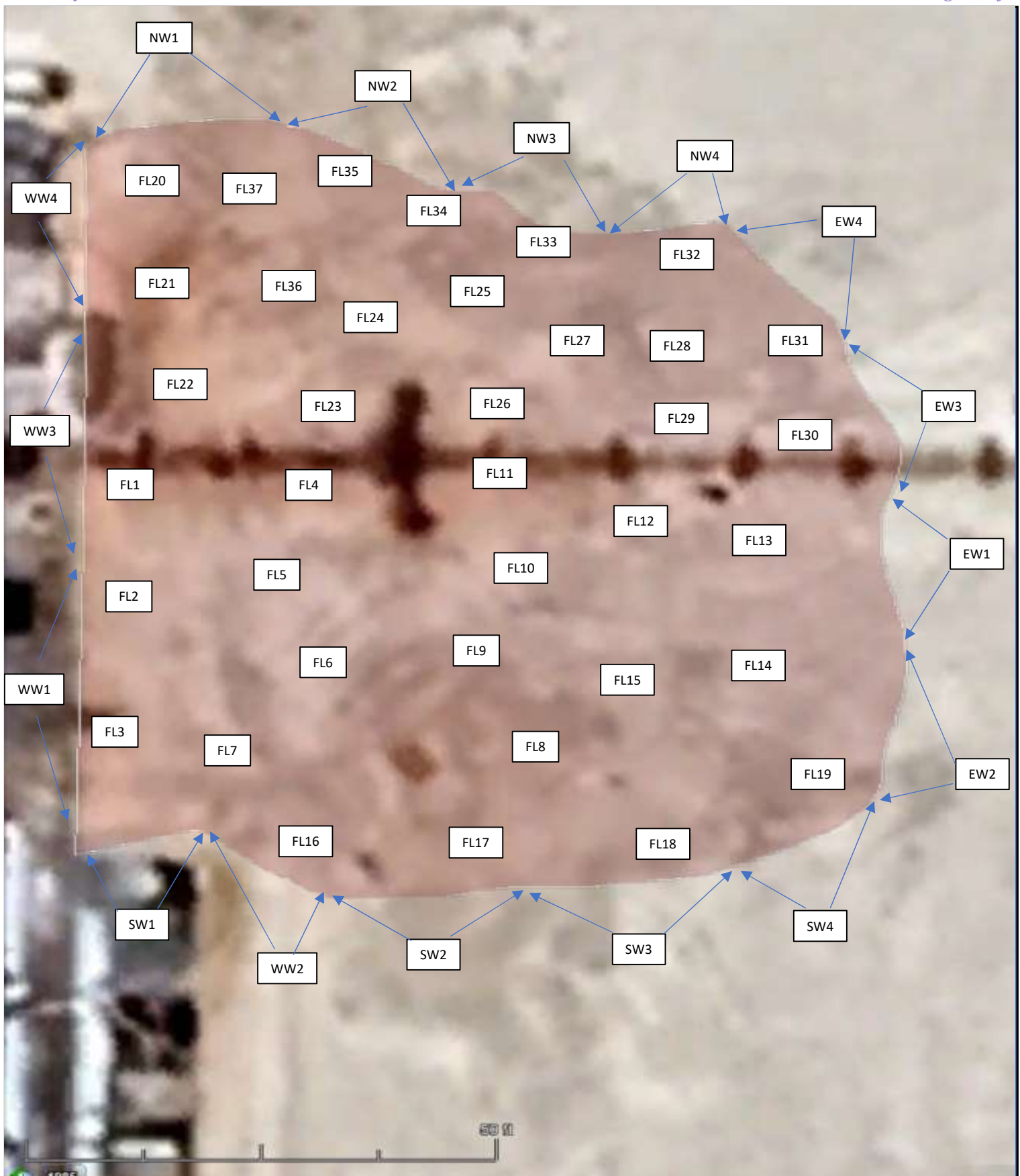
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4/2/24



## **Figure 3**

### **Site and Sample Location Map**

**Legend:**
 Excavated Area

 Sample Area
**Figure 3**

Site and Sample Location Map  
 Permian Resources  
 Woody 22 Fed Com CTB #1  
 GPS: 32.55729, -103.44071  
 Lea County

**eTECH**   
 Environmental & Safety Solutions, Inc.

Drafted: rr

Checked: jwl

Date: 10/24/24

**Table 1**  
**Concentrations of BTEX, TPH, and Chloride in Soil**

**Table 1**  
**Concentrations of BTEX, TPH, and Chloride in Soil**  
**Permian Resources**  
**Woody 22 Fed Com CTB #1**  
**NMOCD Ref. #: nAPP2334564703**

NMOCD Closure Criteria				10	50	-	-	-	-	100	600
NMOCD Reclamation Standard				10	50	-	-	-	-	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 <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
FL 1 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 2 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 3 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 4 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 5 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 6 @ 2'	8/16/2024	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 7 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	25.0	25.0	<10.0	25.0	16.0
FL 8 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 9 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 10 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 11 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 12 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 13 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 14 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	10.6	10.6	<10.0	10.6	<16.0
FL 15 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 16 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 17 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 18 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 19 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 20 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 21 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 22 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 23 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 24 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 25 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 26 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 27 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 28 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 29 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 30 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 31 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 32 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 33 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 34 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 35 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 36 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 37 @ 8"	8/16/2024	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
EW 1	8/16/2024	0-0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EW 2	8/16/2024	0-0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EW 3	8/16/2024	0-0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0

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

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

<b>Table 1</b> <b>Concentrations of BTEX, TPH, and Chloride in Soil</b> <b>Permian Resources</b> <b>Woody 22 Fed Com CTB #1</b> <b>NMOCD Ref. #: nAPP2334564703</b>											
<b>NMOCD Closure Criteria</b>				<b>10</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100</b>	<b>600</b>
<b>NMOCD Reclamation Standard</b>				<b>10</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100</b>	<b>600</b>
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
EW 4	8/16/2024	0-0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW 1	8/16/2024	0-0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW 2	8/16/2024	0-0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW 3	8/16/2024	0-0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NW 4	8/16/2024	0-0.67	In-Situ	<0.050	<0.300	<10.0	16.6	16.6	<10.0	16.6	32.0
SW 1	8/16/2024	0-0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW 2	8/16/2024	0-0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW 3	8/16/2024	0-0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW 4	8/16/2024	0-0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WW 1	8/16/2024	0-0.67	In-Situ	<0.050	<0.300	<10.0	13.6	13.6	<10.0	13.6	32.0
WW 2	8/16/2024	0-0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WW 3	8/16/2024	0-0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WW 4	8/16/2024	0-0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SIMS RANCH PIT	8/16/2024	N/A	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0

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

Bold: NMOCD Closure Criteria exceedance.

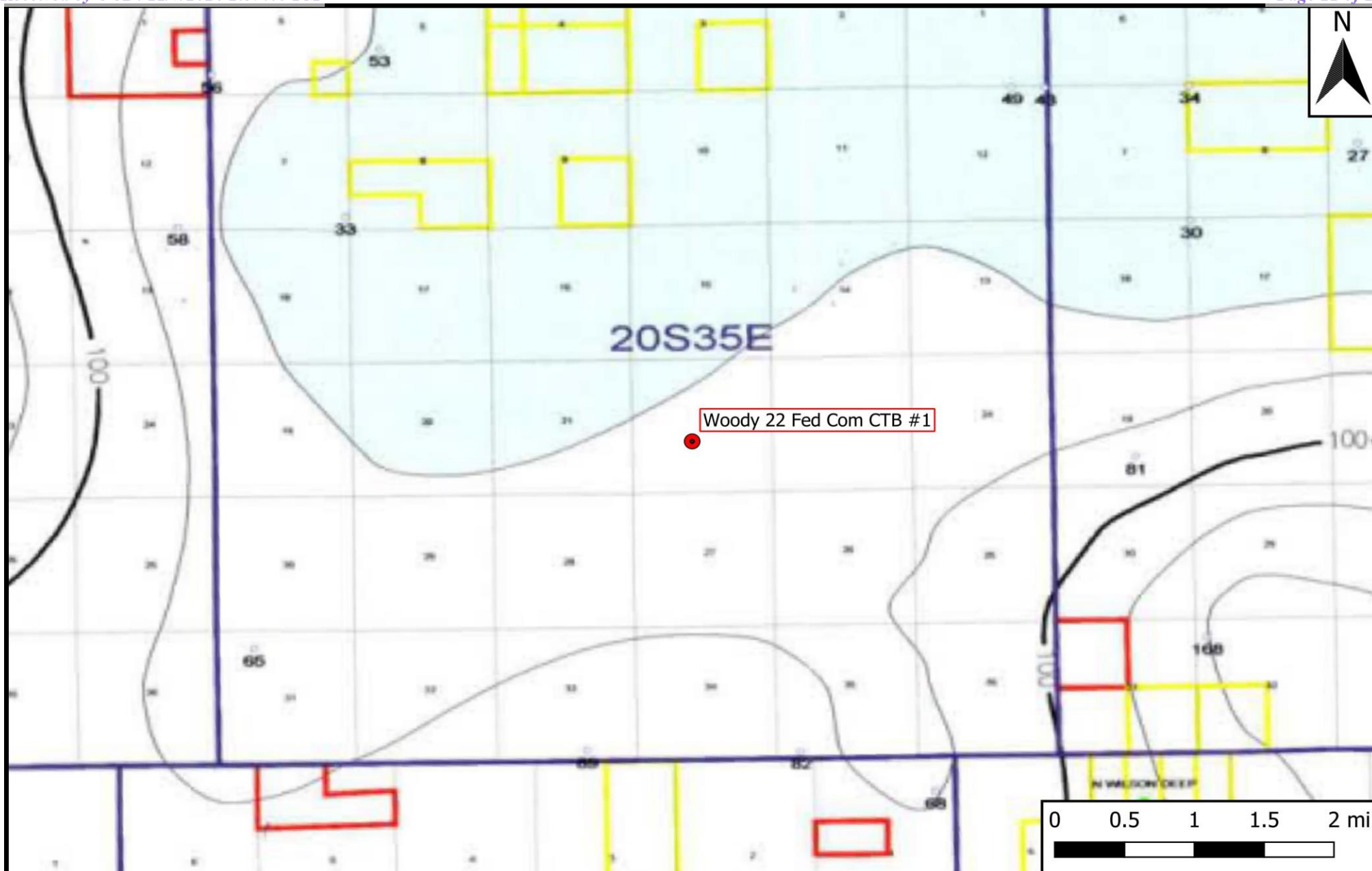
Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

## **Appendix A**

### **Depth to Groundwater Information**





## Legend

- Site Location

## Figure 4

Inferred Depth to Groundwater Trend Map  
Permian Resources  
Woody 22 Fed Com CTB #1  
GPS: 32.55666626, -103.44654961  
Lea County

**eTECH**  
Environmental & Safety Solutions, Inc.

Drafted: mag

Checked: jwl

Date: 4/2/24



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

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

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec 26	Tws 20S	Rng 35E	X 647650	Y 3601626	Distance 2397	DepthWell 110	DepthWater 58	Water Column 52
<a href="#">L 15099 POD1</a>		L	LE	3	1	4	26	20S	35E						
Average Depth to Water:														58 feet	
Minimum Depth:														58 feet	
Maximum Depth:														58 feet	

Record Count: 1

UTMNAD83 Radius Search (in meters):


Easting (X): 645845.8      Northing (Y): 3603204.77      Radius: 3220

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.



# New Mexico Office of the State Engineer

## Point of Diversion Summary

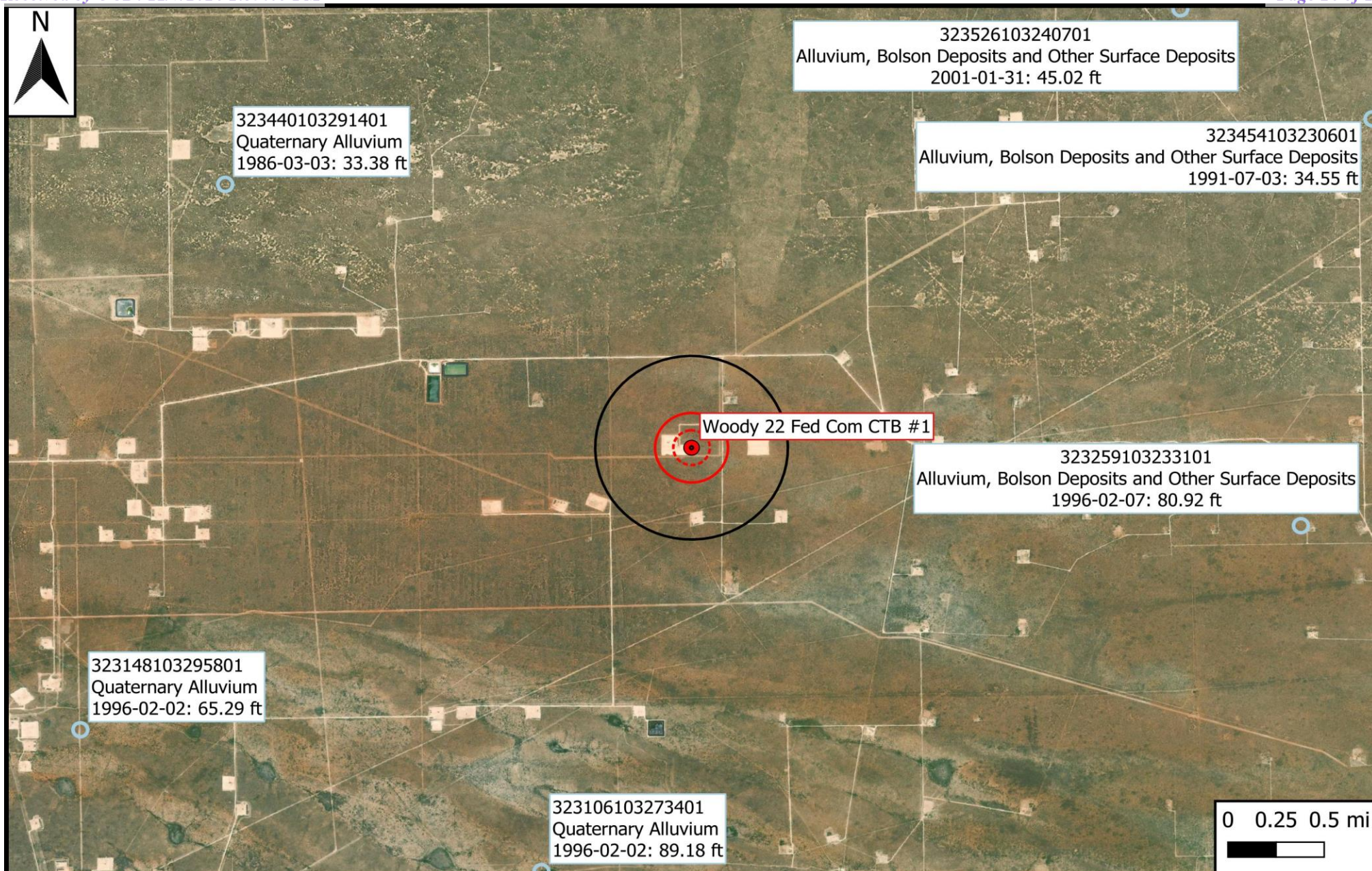
		(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)				(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y		
NA	L 15099 POD1	3	1	4	26	20S	35E	647650	3601626		
<hr/>											
Driller License: 1800		Driller Company:				ALAMO ENVIRONMENTAL DBA VORTEX DRILLING					
Driller Name:											
Drill Start Date: 02/22/2021		Drill Finish Date:				Plug Date:				02/22/2021	
Log File Date: 03/11/2021		PCW Rcv Date:				Source:				Shallow	
Pump Type:		Pipe Discharge Size:				Estimated Yield:				0 GPM	
Casing Size: 2.00		Depth Well:				110 feet		Depth Water:		58 feet	
<hr/>											
Water Bearing Stratifications:				Top	Bottom	Description					
				48	60	Sandstone/Gravel/Conglomerate					
				60	62	Sandstone/Gravel/Conglomerate					
				62	100	Sandstone/Gravel/Conglomerate					
				100	110	Sandstone/Gravel/Conglomerate					
<hr/>											
Casing Perforations:				Top	Bottom						
				100	110						
<hr/>											

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

4/2/24 10:49 AM

POINT OF DIVERSION SUMMARY





## Legend

- Site Location
- Well - USGS
- 500 Ft Radius
- 1000 Ft Radius
- 0.5 Mi Radius

## Figure 5

USGS Well Proximity Map  
Permian Resources  
Woody 22 Fed Com CTB #1  
GPS: 32.55666626, -103.44654961  
Lea County



Drafted: mag

Checked: jwl

Date: 4/2/24





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Agency code = usgs

site\_no list =

- 323526103240701

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

### USGS 323526103240701 20S.35E.12.22222

Available data for this site

Groundwater: Field measurements

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Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°35'26", Longitude 103°24'07" NAD27

Land-surface elevation 3,646 feet above NAVD88

This well is completed in the High Plains aquifer (N100HGHPLN) national aquifer.

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

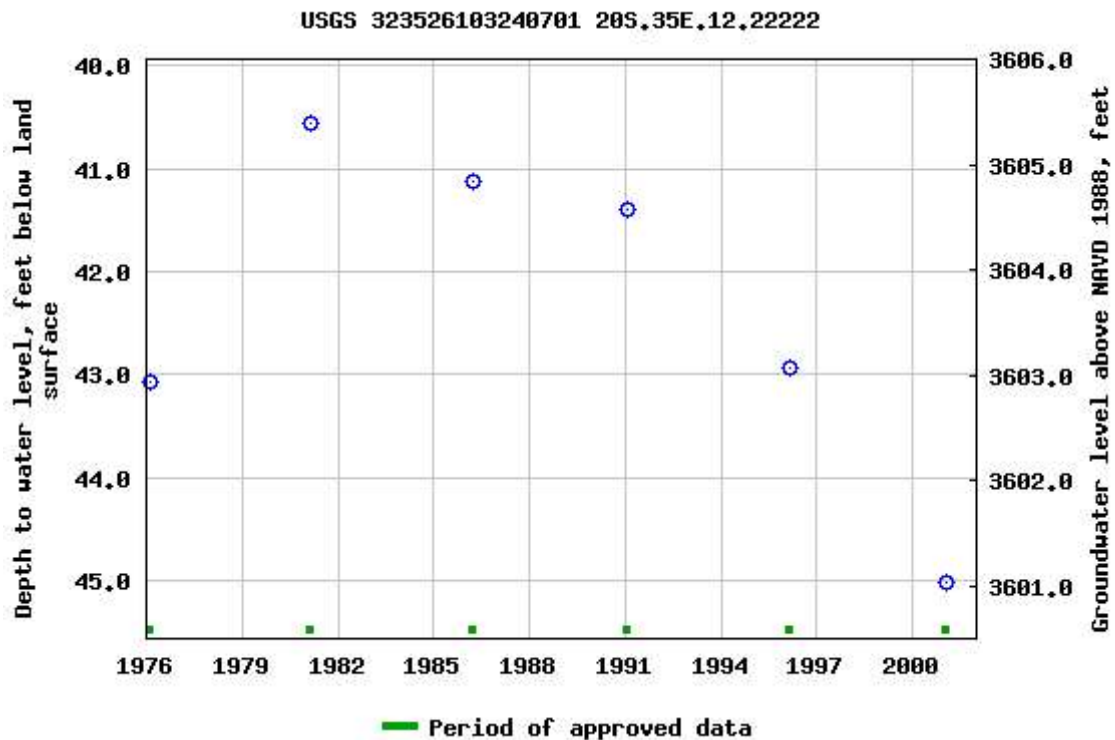
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Agency code = usgs

site\_no list =

- 323454103230601

Minimum number of levels = 1

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### USGS 323454103230601 20S.35E.07.44422

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Lea County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°34'54", Longitude 103°23'06" NAD27

Land-surface elevation 3,670 feet above NGVD29

This well is completed in the High Plains aquifer (N100HGHPLN) national aquifer.

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

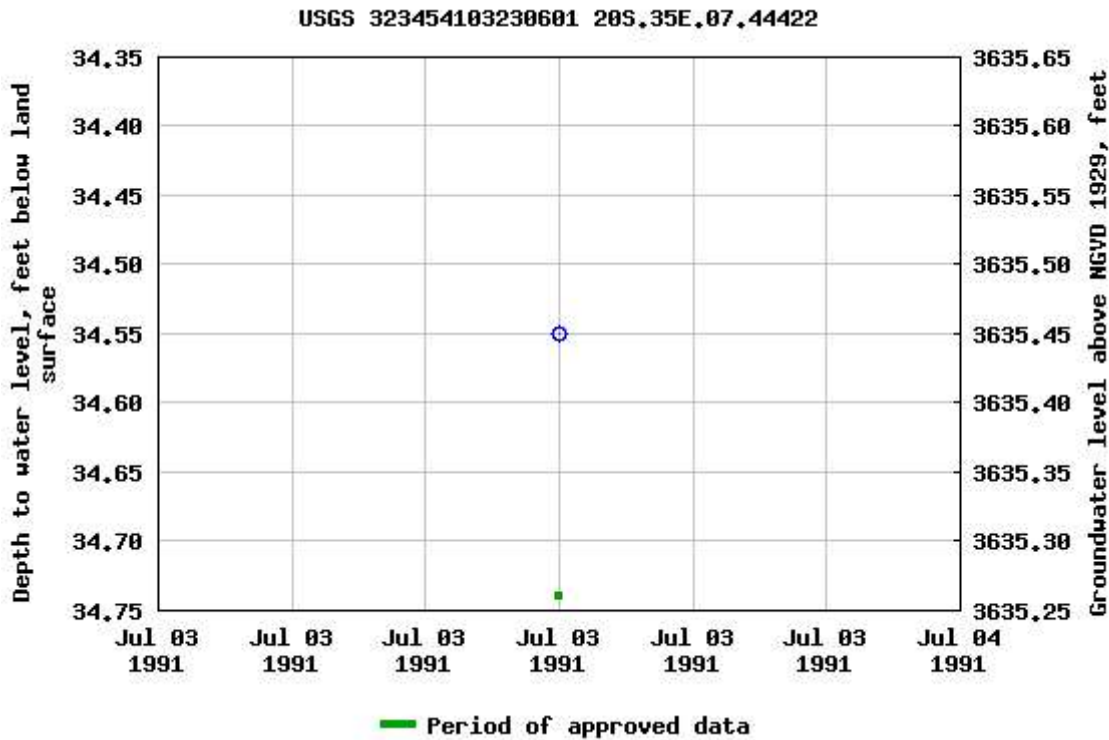
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site\_no list =

- 323440103291401

Minimum number of levels = 1

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### USGS 323440103291401 20S.35E.07.44420

Available data for this site

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Lea County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°34'40", Longitude 103°29'14" NAD27

Land-surface elevation 3,692 feet above NAVD88

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Ogallala Formation (121OGLL) local aquifer.

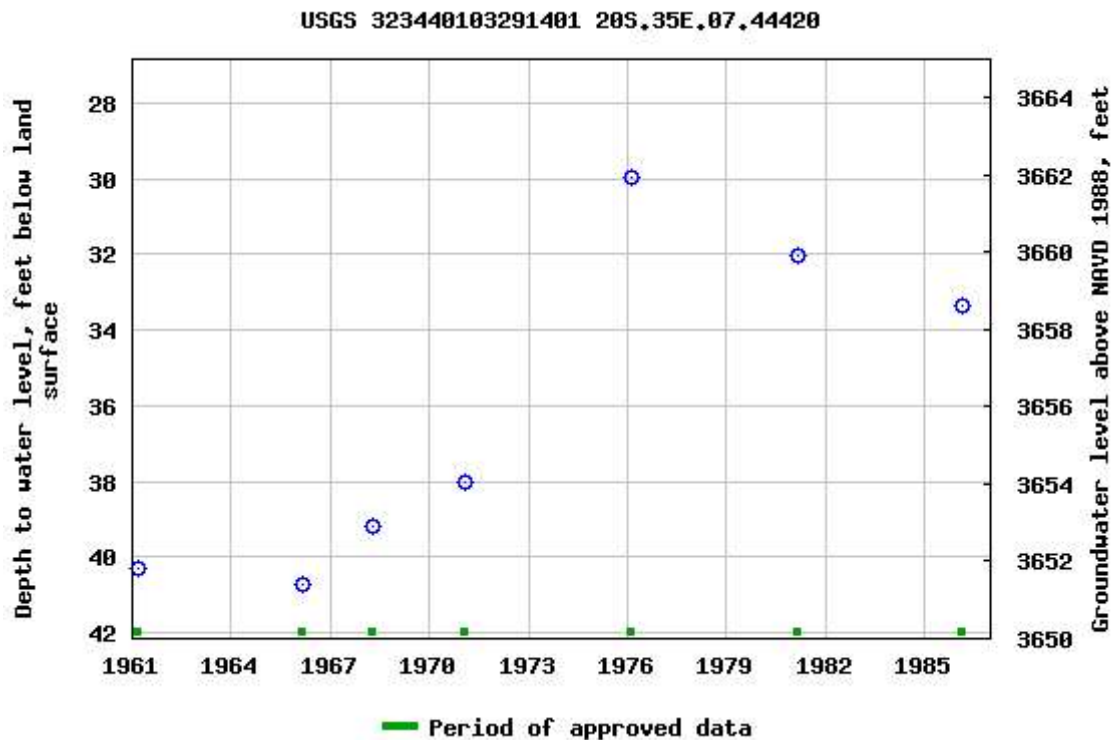
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Agency code = usgs

site\_no list =

- 323259103233101

Minimum number of levels = 1

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### USGS 323259103233101 20S.36E.19.43120

Available data for this site

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Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°32'59", Longitude 103°23'31" NAD27

Land-surface elevation 3,652 feet above NAVD88

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

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

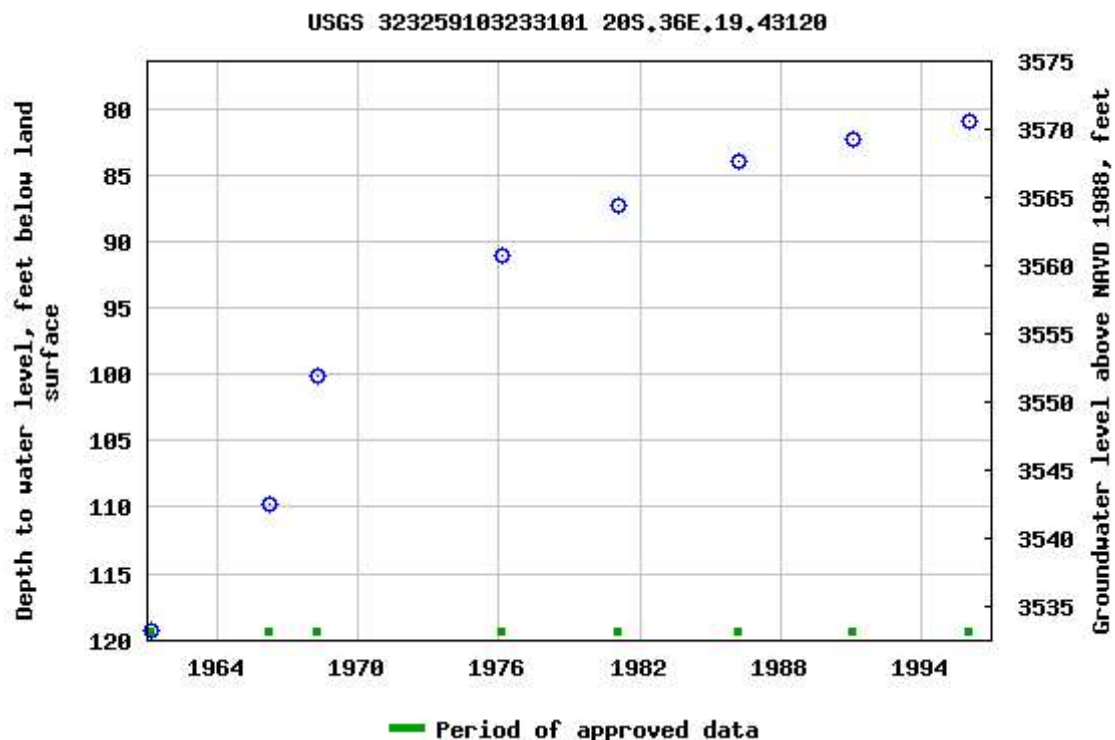
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Agency code = usgs

site\_no list =

- 323148103295801

Minimum number of levels = 1

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### USGS 323148103295801 20S.35E.31.12311

Available data for this site

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Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°32'06", Longitude 103°30'03" NAD27

Land-surface elevation 3,729.00 feet above NGVD29

The depth of the well is 85 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Ogallala Formation (121OGLL) local aquifer.

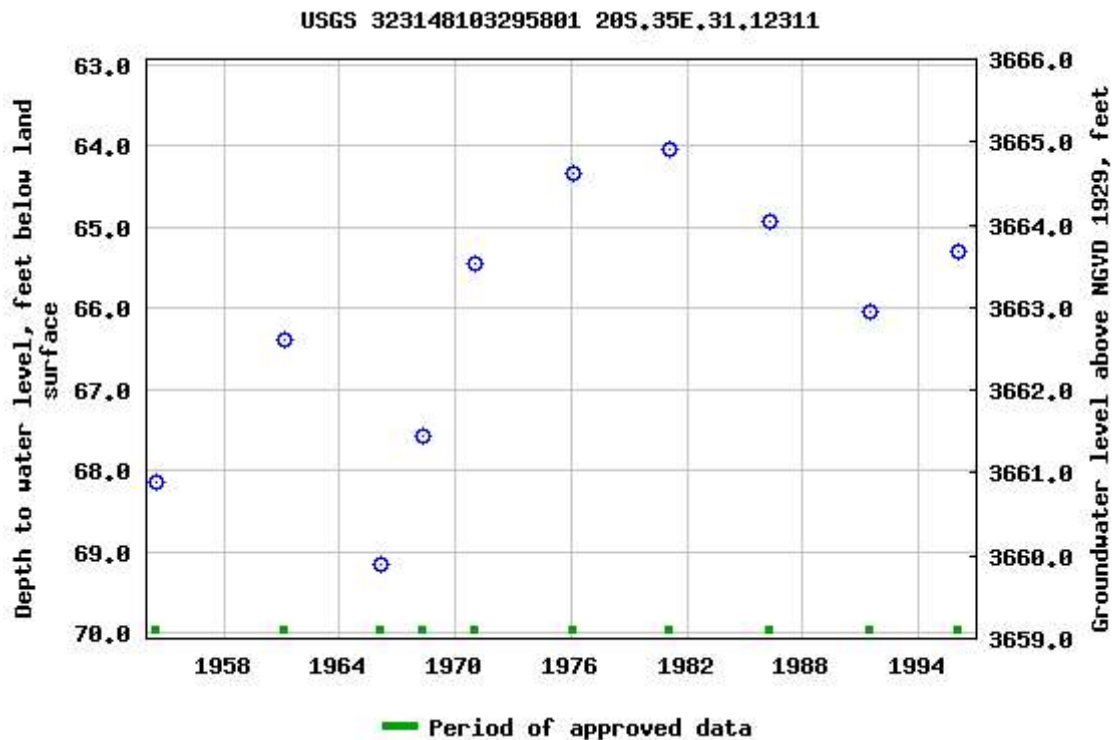
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Agency code = usgs

site\_no list =

- 323106103273401

Minimum number of levels = 1

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### USGS 323106103273401 20S.35E.33.43413

Available data for this site

Groundwater: Field measurements

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Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°31'24", Longitude 103°27'36" NAD27

Land-surface elevation 3,699.00 feet above NGVD29

The depth of the well is 135 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Ogallala Formation (121OGLL) local aquifer.

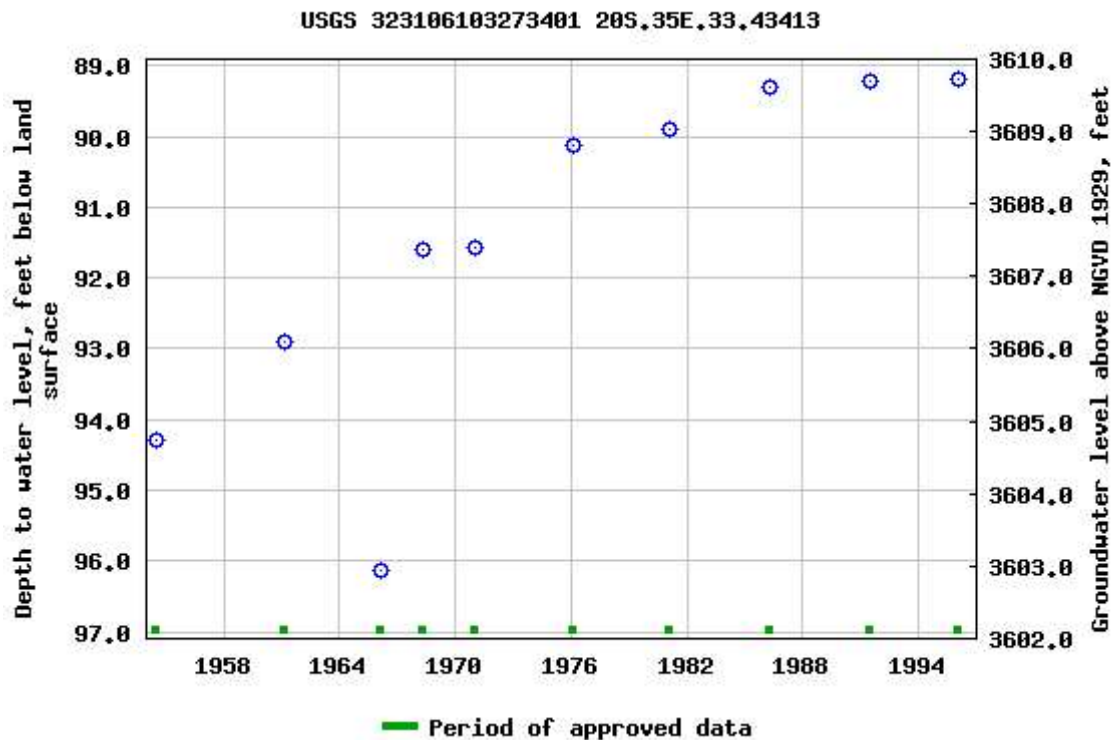
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## **Appendix B**

### **Field Data**



# Remediation Log

Project: Woody 22 Fed Com CTB #1

Project Number: 20204 Latitude: 32.55666626 Longitude: -103.4465496

Confirmation of Active One Call? One Call No. \_\_\_\_\_

Confirmation of On-Site JSA?

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Date:

Notes

Yds

Out	In
-----	----

8.15

\*\*\*\*Begin Remediation Activities\*\*\*\*  
excavate / sample soil

8.16

excavate / sample soil / haul truck rest

8.19

Haul soil out 2 trucks 8 loads

8.20

Haul soil out 2 trucks 8 loads

8.21

Haul soil out 2 trucks 8 loads

160

1100

1100

120

600

10-1-24

Begin backfilling

10-2-24

Finish site

516

\*\*\*\*Begin Backfill Activities\*\*\*\*

\*\*\*\*Complete Remediation Activities\*\*\*\*

Total Yds

Out	In
-----	----

600

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Pictures of Open Excavation Prior to Backfill

Relevant Information in Project Tracker?

## Sample Log

Date: 8.15.2024

Project: Woody 22 Fed Com CTB #1

Project Number: 20204

Latitude: 32.55666626

Longitude: -103.4465496

Sample ID	PID/Odor	Chloride Conc.	GPS
WW-1	-	428	NW-2 -116
WW-2	-	472	WW-3 -116
SW-1	-	188	SW-3 -116
FW-1	-	520	FL-29 @ 8" -244
EW-2	-	428	FL-30 @ 8" -244
FL-1 @ 8"	-	116	FL-31 @ 8" -116
FL-2 @ 8"	-	140	SW-4 -116
FL-3 @ 8"	-	244	EW-3 -116
FL-4 @ 8"	-	308	FL-32 @ 8" -116
FL-5 @ 8"	-	216	FL-33 @ 8" -116
FL-6 @ 8"	-	804	FL-34 @ 8" -216
FL-7 @ 8"	-	348	FL-35 @ 8" -216
FL-8 @ 8"	-	428	FL-36 @ 8" -428
FL-9 @ 8"	-	520	FL-37 @ 8" -216
FL-10 @ 8"	-	160	EW-4 -116
FL-10 @ 2'	-	216	WW-4 -308
FL-11 @ 8"	-	116	NW-3 -570
FL-12 @ 8"	-	116	NW-4 -216
FL-13 @ 8"	-	140	
FL-14 @ 8"	-	384	
FL-15 @ 8"	-	116	
FL-16 @ 8"	-	116	
FL-17 @ 8"	-	140	
FL-18 @ 8"	-	116	
FL-19 @ 8"	-	116	
SW-2	-	308	
FL-20 @ 8"	-	116	
FL-21 @ 8"	-	308	
FL-22 @ 8"	-	116	
FL-23 @ 8"	-	116	
FL-24 @ 8"	-	116	
FL-25 @ 8"	-	116	
FL-26 @ 8"	-	116	
FL-27 @ 8"	-	116	
FL-28 @ 8"	-	116	
WW-1	-	116	

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

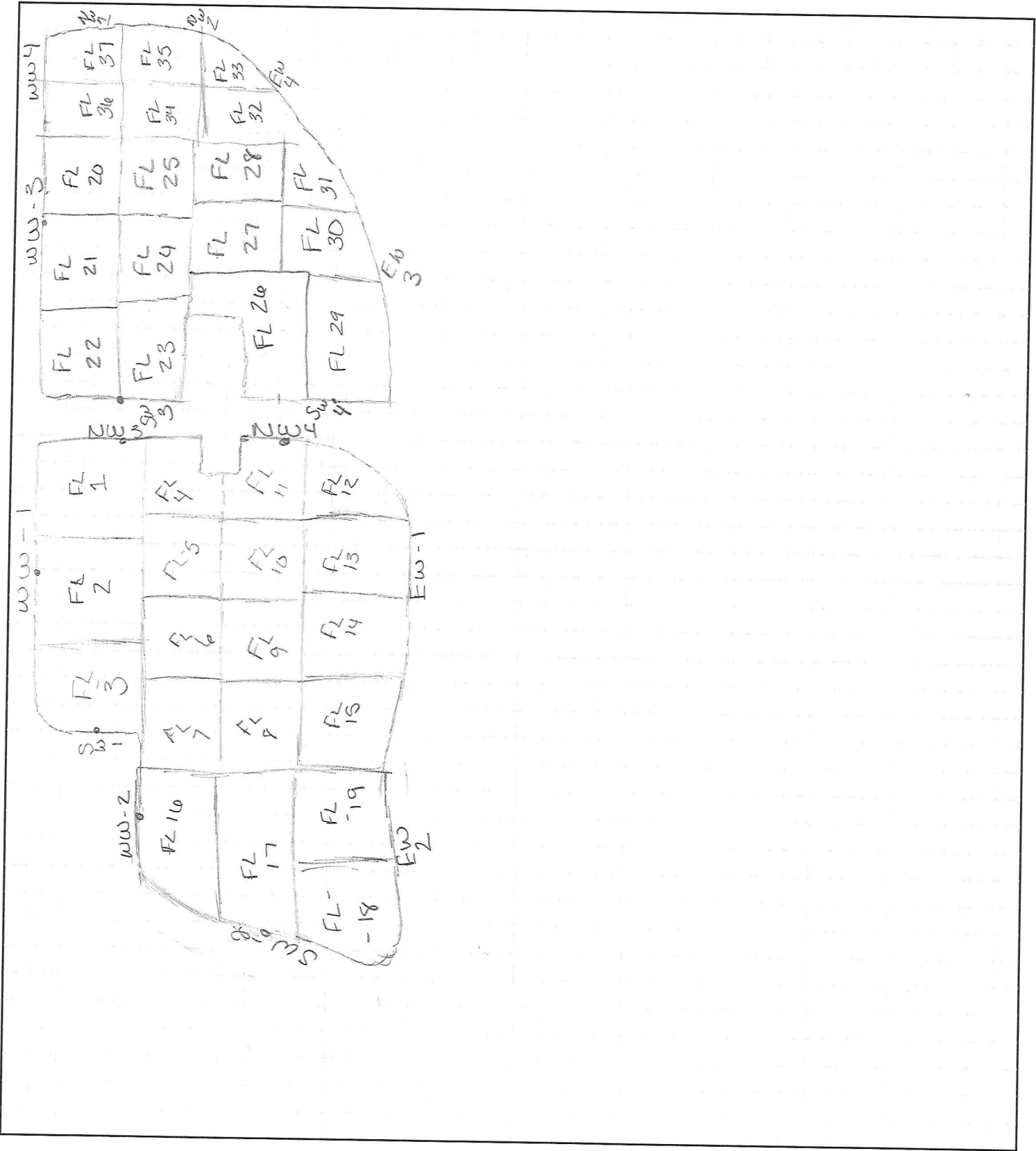


Field Map

Project Number: 20204

Project: Woody 22 Fed Com CTB #1

Date:



## **Appendix C**

### **Laboratory Analytical Reports**





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

August 21, 2024

ROBBIE RUNNELS

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: WOODY 22 FED COM CTB 1

Enclosed are the results of analyses for samples received by the laboratory on 08/19/24 14:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received:	08/19/2024	Sampling Date:	08/16/2024
Reported:	08/21/2024	Sampling Type:	Soil
Project Name:	WOODY 22 FED COM CTB 1	Sampling Condition:	Cool & Intact
Project Number:	20204	Sample Received By:	Alyssa Parras
Project Location:	32.55729, -103.44071		

**Sample ID: FL 1 @ 8" (H245022-01)**

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	08/21/2024	ND	2.16	108	2.00	0.905		
Toluene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.05		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.03		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.68	111	6.00	0.957		
Total BTX	<0.300	0.300	08/21/2024	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	32.0	16.0	08/21/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	231	115	200	1.86	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	217	109	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 2 @ 8" (H245022-02)**

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	08/21/2024	ND	2.16	108	2.00	0.905		
Toluene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.05		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.03		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.68	111	6.00	0.957		
Total BTEX	<0.300	0.300	08/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	08/21/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	231	115	200	1.86	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	217	109	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 3 @ 8" (H245022-03)**

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	08/21/2024	ND	2.16	108	2.00	0.905		
Toluene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.05		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.03		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.68	111	6.00	0.957		
Total BTEX	<0.300	0.300	08/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	08/21/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	231	115	200	1.86	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	217	109	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 4 @ 8" (H245022-04)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	0.905		
Toluene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.05		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.03		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.68	111	6.00	0.957		
Total BTEX	<0.300	0.300	08/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	08/21/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	231	115	200	1.86	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	217	109	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 5 @ 8" (H245022-05)**

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	08/21/2024	ND	2.16	108	2.00	0.905		
Toluene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.05		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.03		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.68	111	6.00	0.957		
Total BTEX	<0.300	0.300	08/21/2024	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	<16.0	16.0	08/21/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	231	115	200	1.86	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	217	109	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 6 @ 2' (H245022-06)**

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	08/21/2024	ND	2.16	108	2.00	0.905		
Toluene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.05		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.03		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.68	111	6.00	0.957		
Total BTEX	<0.300	0.300	08/21/2024	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	32.0	16.0	08/21/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	231	115	200	1.86	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	217	109	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 7 @ 8" (H245022-07)**

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	08/21/2024	ND	2.16	108	2.00	0.905		
Toluene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.05		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.03		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.68	111	6.00	0.957		
Total BTEX	<0.300	0.300	08/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	08/21/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	231	115	200	1.86	
DRO >C10-C28*	25.0	10.0	08/20/2024	ND	217	109	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 8 @ 8" (H245022-08)**

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	08/21/2024	ND	2.16	108	2.00	0.905		
Toluene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.05		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.03		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.68	111	6.00	0.957		
Total BTEX	<0.300	0.300	08/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	08/21/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	231	115	200	1.86	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	217	109	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 9 @ 8" (H245022-09)**

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	08/21/2024	ND	2.16	108	2.00	0.905		
Toluene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.05		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.03		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.68	111	6.00	0.957		
Total BTEX	<0.300	0.300	08/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	08/21/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	231	115	200	1.86	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	217	109	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 10 @ 8" (H245022-10)**

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	08/21/2024	ND	2.16	108	2.00	0.905		
Toluene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.05		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.03		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.68	111	6.00	0.957		
Total BTEx	<0.300	0.300	08/21/2024	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	08/21/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	231	115	200	1.86	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	217	109	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 11 @ 8" (H245022-11)**

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	08/21/2024	ND	2.16	108	2.00	0.905		
Toluene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.05		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.03		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.68	111	6.00	0.957		
Total BTEx	<0.300	0.300	08/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	08/21/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	231	115	200	1.86	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	217	109	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 12 @ 8" (H245022-12)**

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	08/21/2024	ND	2.16	108	2.00	0.905		
Toluene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.05		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.03		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.68	111	6.00	0.957		
Total BTEX	<0.300	0.300	08/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	08/21/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	231	115	200	1.86	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	217	109	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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**Analytical Results For:**

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

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 13 @ 8" (H245022-13)**

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	08/21/2024	ND	2.16	108	2.00	0.905		
Toluene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.05		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.03		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.68	111	6.00	0.957		
Total BTEx	<0.300	0.300	08/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	08/21/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	231	115	200	1.86	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	217	109	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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**Analytical Results For:**

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

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 14 @ 8" (H245022-14)**

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	08/21/2024	ND	2.16	108	2.00	0.905		
Toluene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.05		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.16	108	2.00	1.03		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.68	111	6.00	0.957		
Total BTEX	<0.300	0.300	08/21/2024	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	<16.0	16.0	08/21/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	208	104	200	5.18	
<b>DRO &gt;C10-C28*</b>	<b>10.6</b>	10.0	08/20/2024	ND	211	105	200	5.03	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 15 @ 8" (H245022-15)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/20/2024	ND	2.20	110	2.00	9.61	
Toluene*	<0.050	0.050	08/20/2024	ND	2.25	112	2.00	9.72	
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.29	114	2.00	8.98	
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.85	114	6.00	9.23	
Total BTEX	<0.300	0.300	08/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	08/21/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	208	104	200	5.18	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	211	105	200	5.03	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

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

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 16 @ 8" (H245022-16)**

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	08/20/2024	ND	2.20	110	2.00	9.61		
Toluene*	<0.050	0.050	08/20/2024	ND	2.25	112	2.00	9.72		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.29	114	2.00	8.98		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.85	114	6.00	9.23		
Total BTEX	<0.300	0.300	08/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	08/21/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	208	104	200	5.18	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	211	105	200	5.03	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 17 @ 8" (H245022-17)**

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	08/20/2024	ND	2.20	110	2.00	9.61		
Toluene*	<0.050	0.050	08/20/2024	ND	2.25	112	2.00	9.72		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.29	114	2.00	8.98		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.85	114	6.00	9.23		
Total BTEX	<0.300	0.300	08/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	08/21/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	208	104	200	5.18	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	211	105	200	5.03	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 18 @ 8" (H245022-18)**

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	08/20/2024	ND	2.20	110	2.00	9.61		
Toluene*	<0.050	0.050	08/20/2024	ND	2.25	112	2.00	9.72		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.29	114	2.00	8.98		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.85	114	6.00	9.23		
Total BTEx	<0.300	0.300	08/20/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/21/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	208	104	200	5.18	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	211	105	200	5.03	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 19 @ 8" (H245022-19)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2024	ND	2.20	110	2.00	9.61		
Toluene*	<0.050	0.050	08/21/2024	ND	2.25	112	2.00	9.72		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.29	114	2.00	8.98		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.85	114	6.00	9.23		
Total BTEX	<0.300	0.300	08/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/21/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	208	104	200	5.18	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	211	105	200	5.03	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 20 @ 8" (H245022-20)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2024	ND	2.20	110	2.00	9.61	
Toluene*	<0.050	0.050	08/21/2024	ND	2.25	112	2.00	9.72	
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.29	114	2.00	8.98	
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.85	114	6.00	9.23	
Total BTEX	<0.300	0.300	08/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/21/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	208	104	200	5.18	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	211	105	200	5.03	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 21 @ 8" (H245022-21)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2024	ND	2.20	110	2.00	9.61		
Toluene*	<0.050	0.050	08/21/2024	ND	2.25	112	2.00	9.72		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.29	114	2.00	8.98		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.85	114	6.00	9.23		
Total BTEx	<0.300	0.300	08/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/21/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	208	104	200	5.18	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	211	105	200	5.03	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 77.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 22 @ 8" (H245022-22)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2024	ND	2.20	110	2.00	9.61	
Toluene*	<0.050	0.050	08/21/2024	ND	2.25	112	2.00	9.72	
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.29	114	2.00	8.98	
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.85	114	6.00	9.23	
Total BTEX	<0.300	0.300	08/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/21/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	208	104	200	5.18	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	211	105	200	5.03	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 23 @ 8" (H245022-23)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2024	ND	2.20	110	2.00	9.61		
Toluene*	<0.050	0.050	08/21/2024	ND	2.25	112	2.00	9.72		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.29	114	2.00	8.98		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.85	114	6.00	9.23		
Total BTEx	<0.300	0.300	08/21/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/21/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	208	104	200	5.18	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	211	105	200	5.03	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 24 @ 8" (H245022-24)**

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	08/21/2024	ND	2.20	110	2.00	9.61		
Toluene*	<0.050	0.050	08/21/2024	ND	2.25	112	2.00	9.72		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.29	114	2.00	8.98		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.85	114	6.00	9.23		
Total BTX	<0.300	0.300	08/21/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/21/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	208	104	200	5.18	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	211	105	200	5.03	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 25 @ 8" (H245022-25)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2024	ND	2.20	110	2.00	9.61	
Toluene*	<0.050	0.050	08/21/2024	ND	2.25	112	2.00	9.72	
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.29	114	2.00	8.98	
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.85	114	6.00	9.23	
Total BTEX	<0.300	0.300	08/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/21/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	208	104	200	5.18	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	211	105	200	5.03	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 26 @ 8" (H245022-26)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2024	ND	2.20	110	2.00	9.61	
Toluene*	<0.050	0.050	08/21/2024	ND	2.25	112	2.00	9.72	
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.29	114	2.00	8.98	
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.85	114	6.00	9.23	
Total BTEX	<0.300	0.300	08/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/21/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	208	104	200	5.18	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	211	105	200	5.03	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 27 @ 8" (H245022-27)**

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	08/21/2024	ND	2.20	110	2.00	9.61	
Toluene*	<0.050	0.050	08/21/2024	ND	2.25	112	2.00	9.72	
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.29	114	2.00	8.98	
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.85	114	6.00	9.23	
Total BTX	<0.300	0.300	08/21/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/21/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	208	104	200	5.18	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	211	105	200	5.03	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 28 @ 8" (H245022-28)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2024	ND	2.20	110	2.00	9.61		
Toluene*	<0.050	0.050	08/21/2024	ND	2.25	112	2.00	9.72		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.29	114	2.00	8.98		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.85	114	6.00	9.23		
Total BTEX	<0.300	0.300	08/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/21/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	208	104	200	5.18	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	211	105	200	5.03	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 29 @ 8" (H245022-29)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2024	ND	2.20	110	2.00	9.61		
Toluene*	<0.050	0.050	08/21/2024	ND	2.25	112	2.00	9.72		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.29	114	2.00	8.98		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.85	114	6.00	9.23		
Total BTEx	<0.300	0.300	08/21/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/21/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	208	104	200	5.18	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	211	105	200	5.03	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 30 @ 8" (H245022-30)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2024	ND	2.20	110	2.00	9.61		
Toluene*	<0.050	0.050	08/21/2024	ND	2.25	112	2.00	9.72		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.29	114	2.00	8.98		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.85	114	6.00	9.23		
Total BTEX	<0.300	0.300	08/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/21/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2024	ND	208	104	200	5.18	
DRO >C10-C28*	<10.0	10.0	08/21/2024	ND	211	105	200	5.03	
EXT DRO >C28-C36	<10.0	10.0	08/21/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 31 @ 8" (H245022-31)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2024	ND	2.20	110	2.00	9.61		
Toluene*	<0.050	0.050	08/21/2024	ND	2.25	112	2.00	9.72		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.29	114	2.00	8.98		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.85	114	6.00	9.23		
Total BTEx	<0.300	0.300	08/21/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/21/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2024	ND	208	104	200	5.18	
DRO >C10-C28*	<10.0	10.0	08/21/2024	ND	211	105	200	5.03	
EXT DRO >C28-C36	<10.0	10.0	08/21/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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**Analytical Results For:**

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

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 32 @ 8" (H245022-32)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2024	ND	2.20	110	2.00	9.61		
Toluene*	<0.050	0.050	08/21/2024	ND	2.25	112	2.00	9.72		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.29	114	2.00	8.98		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.85	114	6.00	9.23		
Total BTEx	<0.300	0.300	08/21/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/21/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2024	ND	208	104	200	5.18	
DRO >C10-C28*	<10.0	10.0	08/21/2024	ND	211	105	200	5.03	
EXT DRO >C28-C36	<10.0	10.0	08/21/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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**Analytical Results For:**

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

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 33 @ 8" (H245022-33)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2024	ND	2.20	110	2.00	9.61	
Toluene*	<0.050	0.050	08/21/2024	ND	2.25	112	2.00	9.72	
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.29	114	2.00	8.98	
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.85	114	6.00	9.23	
Total BTEx	<0.300	0.300	08/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/21/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2024	ND	208	104	200	5.18	
DRO >C10-C28*	<10.0	10.0	08/21/2024	ND	211	105	200	5.03	
EXT DRO >C28-C36	<10.0	10.0	08/21/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 34 @ 8" (H245022-34)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2024	ND	2.20	110	2.00	9.61		
Toluene*	<0.050	0.050	08/21/2024	ND	2.25	112	2.00	9.72		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.29	114	2.00	8.98		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.85	114	6.00	9.23		
Total BTEx	<0.300	0.300	08/21/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/21/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	226	113	200	0.562	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 35 @ 8" (H245022-35)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.07	103	2.00	2.29		
Toluene*	<0.050	0.050	08/20/2024	ND	1.92	96.2	2.00	3.73		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.02	101	2.00	5.89		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.30	105	6.00	6.51		
Total BTEx	<0.300	0.300	08/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/21/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	226	113	200	0.562	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 36 @ 8" (H245022-36)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.07	103	2.00	2.29		
Toluene*	<0.050	0.050	08/20/2024	ND	1.92	96.2	2.00	3.73		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.02	101	2.00	5.89		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.30	105	6.00	6.51		
Total BTEX	<0.300	0.300	08/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/21/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	226	113	200	0.562	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.4 % 49.1-148

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**Analytical Results For:**

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

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: FL 37 @ 8" (H245022-37)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.07	103	2.00	2.29		
Toluene*	<0.050	0.050	08/20/2024	ND	1.92	96.2	2.00	3.73		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.02	101	2.00	5.89		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.30	105	6.00	6.51		
Total BTEx	<0.300	0.300	08/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/21/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	226	113	200	0.562	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: NW 1 (H245022-38)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.07	103	2.00	2.29		
Toluene*	<0.050	0.050	08/20/2024	ND	1.92	96.2	2.00	3.73		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.02	101	2.00	5.89		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.30	105	6.00	6.51		
Total BTEx	<0.300	0.300	08/20/2024	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	08/21/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	226	113	200	0.562	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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**Analytical Results For:**

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

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: NW 2 (H245022-39)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.07	103	2.00	2.29		
Toluene*	<0.050	0.050	08/20/2024	ND	1.92	96.2	2.00	3.73		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.02	101	2.00	5.89		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.30	105	6.00	6.51		
Total BTEX	<0.300	0.300	08/20/2024	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	08/21/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	226	113	200	0.562	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: SW 1 (H245022-40)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.07	103	2.00	2.29		
Toluene*	<0.050	0.050	08/20/2024	ND	1.92	96.2	2.00	3.73		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.02	101	2.00	5.89		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.30	105	6.00	6.51		
Total BTEX	<0.300	0.300	08/20/2024	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	08/21/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	226	113	200	0.562	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: SW 2 (H245022-41)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.07	103	2.00	2.29		
Toluene*	<0.050	0.050	08/20/2024	ND	1.92	96.2	2.00	3.73		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.02	101	2.00	5.89		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.30	105	6.00	6.51		
Total BTEX	<0.300	0.300	08/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	08/21/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	226	113	200	0.562	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 80.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: SW 3 (H245022-42)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.07	103	2.00	2.29		
Toluene*	<0.050	0.050	08/20/2024	ND	1.92	96.2	2.00	3.73		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.02	101	2.00	5.89		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.30	105	6.00	6.51		
Total BTEX	<0.300	0.300	08/20/2024	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	08/21/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	226	113	200	0.562	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: SW 4 (H245022-43)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.07	103	2.00	2.29		
Toluene*	<0.050	0.050	08/20/2024	ND	1.92	96.2	2.00	3.73		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.02	101	2.00	5.89		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.30	105	6.00	6.51		
Total BTEX	<0.300	0.300	08/20/2024	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	08/21/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	226	113	200	0.562	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: EW 1 (H245022-44)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.07	103	2.00	2.29		
Toluene*	<0.050	0.050	08/20/2024	ND	1.92	96.2	2.00	3.73		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.02	101	2.00	5.89		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.30	105	6.00	6.51		
Total BTEX	<0.300	0.300	08/20/2024	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	08/21/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	226	113	200	0.562	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: EW 2 (H245022-45)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2024	ND	2.07	103	2.00	2.29		
Toluene*	<0.050	0.050	08/20/2024	ND	1.92	96.2	2.00	3.73		
Ethylbenzene*	<0.050	0.050	08/20/2024	ND	2.02	101	2.00	5.89		
Total Xylenes*	<0.150	0.150	08/20/2024	ND	6.30	105	6.00	6.51		
Total BTEX	<0.300	0.300	08/20/2024	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	08/21/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	226	113	200	0.562	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: EW 3 (H245022-46)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2024	ND	2.07	103	2.00	2.29		
Toluene*	<0.050	0.050	08/21/2024	ND	1.92	96.2	2.00	3.73		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.02	101	2.00	5.89		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.30	105	6.00	6.51		
Total BTEX	<0.300	0.300	08/21/2024	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	08/21/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	226	113	200	0.562	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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**Analytical Results For:**

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

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: EW 4 (H245022-47)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2024	ND	2.07	103	2.00	2.29		
Toluene*	<0.050	0.050	08/21/2024	ND	1.92	96.2	2.00	3.73		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.02	101	2.00	5.89		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.30	105	6.00	6.51		
Total BTEX	<0.300	0.300	08/21/2024	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	<16.0	16.0	08/21/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	226	113	200	0.562	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: WW 1 (H245022-48)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2024	ND	2.07	103	2.00	2.29		
Toluene*	<0.050	0.050	08/21/2024	ND	1.92	96.2	2.00	3.73		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.02	101	2.00	5.89		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.30	105	6.00	6.51		
Total BTEx	<0.300	0.300	08/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	32.0	16.0	08/21/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	226	113	200	0.562	
DRO >C10-C28*	13.6	10.0	08/20/2024	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: WW 2 (H245022-49)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2024	ND	2.07	103	2.00	2.29		
Toluene*	<0.050	0.050	08/21/2024	ND	1.92	96.2	2.00	3.73		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.02	101	2.00	5.89		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.30	105	6.00	6.51		
Total BTEX	<0.300	0.300	08/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 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	08/21/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	226	113	200	0.562	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: WW 3 (H245022-50)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2024	ND	2.07	103	2.00	2.29		
Toluene*	<0.050	0.050	08/21/2024	ND	1.92	96.2	2.00	3.73		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.02	101	2.00	5.89		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.30	105	6.00	6.51		
Total BTEx	<0.300	0.300	08/21/2024	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	08/21/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	226	113	200	0.562	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: WW 4 (H245022-51)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2024	ND	2.07	103	2.00	2.29		
Toluene*	<0.050	0.050	08/21/2024	ND	1.92	96.2	2.00	3.73		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.02	101	2.00	5.89		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.30	105	6.00	6.51		
Total BTEX	<0.300	0.300	08/21/2024	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	<16.0	16.0	08/21/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	226	113	200	0.562	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 1 of 6

Company Name: Etech Environmental & Safety Solutions, Inc.				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>											
Project Manager: Robbie Runnels				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>											
Address: 2617 West Marland				Company: Permian Resources															
City: Hobbs State: NM Zip: 88240				Attn: Montgomery Floyd															
Phone #: (575) 264-9884 Fax #:				Address:															
Project #: 20204 Project Owner: Permian Resources				City:															
Project Name: Woody 22 Fed Com CTB 1				State: Zip:															
Project Location: 32.55729, -103.44071				Phone #:															
Sampler Name: Tania Felts				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING									
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME					
1	FL 1 @ 8"	C	1			X				X			8/16/24		X	X	X		
2	FL 2 @ 8"	C	1			X				X			8/16/24		X	X	X		
3	FL 3 @ 8"	C	1			X				X			8/16/24		X	X	X		
4	FL 4 @ 8"	C	1			X				X			8/16/24		X	X	X		
5	FL 5 @ 8"	C	1			X				X			8/16/24		X	X	X		
6	FL 6 @ 2'	C	1			X				X			8/16/24		X	X	X		
7	FL 7 @ 8"	C	1			X				X			8/16/24		X	X	X		
8	FL 8 @ 8"	C	1			X				X			8/16/24		X	X	X		
9	FL 9 @ 8"	C	1			X				X			8/16/24		X	X	X		
10	FL 10 @ 8"	C	1			X				X			8/16/24		X	X	X		

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Relinquished By:	Date: 8-19-24	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Time: 1445			All Results are emailed. Please provide Email address: <a href="mailto:pm@etechenv.com">pm@etechenv.com</a>
Relinquished By:	Date:	Received By:	REMARKS:
Time:			
Delivered By: (Circle One)	Observed Temp. °C: -8.1°C	Sample Condition	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C: -8.7°C	Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	Thermometer ID #140 Correction Factor -0.6°C
		CHECKED BY: (Initials)	Bacteria (only) Sample Condition
			Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No
			Observed Temp. °C
			Corrected Temp. °C

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 2 of 6

Company Name: Etech Environmental & Safety Solutions, Inc.				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																		
Project Manager: Robbie Runnels				P.O. #:				<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH (8015M)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX (8021B)</div> </div>																		
Address: 2617 West Marland				Company: Permian Resources																						
City: Hobbs State: NM Zip: 88240				Attn: Montgomery Floyd																						
Phone #: (575) 264-9884 Fax #:				Address:																						
Project #: 20204 Project Owner: Permian Resources				City:																						
Project Name: Woody 22 Fed Com CTB 1				State: Zip:																						
Project Location: 32.55729, -103.44071				Phone #:																						
Sampler Name: Tania Felts				Fax #:																						
FOR LAB USE ONLY																										
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING																
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME												
11	FL 11 @ 8"	C	1			X					X		8/16/24		X	X	X									
12	FL 12 @ 8"	C	1			X					X		8/16/24		X	X	X									
13	FL 13 @ 8"	C	1			X					X		8/16/24		X	X	X									
14	FL 14 @ 8"	C	1			X					X		8/16/24		X	X	X									
15	FL 15 @ 8"	C	1			X					X		8/16/24		X	X	X									
16	FL 16 @ 8"	C	1			X					X		8/16/24		X	X	X									
17	FL 17 @ 8"	C	1			X					X		8/16/24		X	X	X									
18	FL 18 @ 8"	C	1			X					X		8/16/24		X	X	X									
19	FL 19 @ 8"	C	1			X					X		8/16/24		X	X	X									
20	FL 20 @ 8"	C	1			X					X		8/16/24		X	X	X									

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Relinquished By:	Date: 8-19-24	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
	Time: 1445		All Results are emailed. Please provide Email address: pm@etechnv.com
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		
Delivered By: (Circle One)	Observed Temp. °C: -8.1°C	Sample Condition	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C: -8.7°C	Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	Thermometer ID #140 Correction Factor -0.6°C
		CHECKED BY: (Initials) AD	Bacteria (only) Sample Condition
			Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>
			Observed Temp. °C
			Corrected Temp. °C

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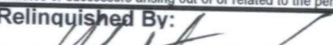

Page 3 of 6

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Renewed By: \_\_\_\_\_ Date: \_\_\_\_\_

Relinquished By: 		Date: 8-10-24		Received By: 		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Relinquished By:		Time: 1445		Received By:		All Results are emailed. Please provide Email address: <a href="mailto:pm@etechenv.com">pm@etechenv.com</a>	
Relinquished By:		Date:		Received By:		REMARKS:	
Relinquished By:		Time:		Received By:		REMARKS:	
Delivered By: (Circle One)		Observed Temp. °C: -8.10		Sample Condition		CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:		Corrected Temp. °C: -8.72		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
				Thermometer ID #140		Bacteria (only) Sample Condition	
				Correction Factor -0.6°C		Cool Intact Observed Temp. °C	
						<input type="checkbox"/> Yes <input type="checkbox"/> Yes	
						<input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	





# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 4 of 6

Company Name: Etech Environmental & Safety Solutions, Inc.				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																		
Project Manager: Robbie Runnels				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																		
Address: 2617 West Marland				Company: Permian Resources																						
City: Hobbs State: NM Zip: 88240				Attn: Montgomery Floyd																						
Phone #: (575) 264-9884 Fax #:				Address:																						
Project #: 20204 Project Owner: Permian Resources				City:																						
Project Name: Woody 22 Fed Com CTB 1				State: Zip:																						
Project Location: 32.55729, -103.44071				Phone #:																						
Sampler Name: Tania Felts				Fax #:																						
FOR LAB USE ONLY																										
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING																
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME												
H245022	FL 31 @ 8"	C	1			X					X		8/16/24		X	X	X									
31	FL 32 @ 8"	C	1			X					X		8/16/24		X	X	X									
32	FL 33 @ 8"	C	1			X					X		8/16/24		X	X	X									
33	FL 34 @ 8"	C	1			X					X		8/16/24		X	X	X									
34	FL 35 @ 8"	C	1			X					X		8/16/24		X	X	X									
35	FL 36 @ 8"	C	1			X					X		8/16/24		X	X	X									
36	FL 37 @ 8"	C	1			X					X		8/16/24		X	X	X									
37	NW 1	C	1			X					X		8/16/24		X	X	X									
38	NW 2	C	1			X					X		8/16/24		X	X	X									
39	SW 1	C	1			X					X		8/16/24		X	X	X									
40																										

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Relinquished By:	Date: 8-19-24	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
	Time: 1445		All Results are emailed. Please provide Email address: pm@etechnv.com
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		
Delivered By: (Circle One)	Observed Temp. °C -8.1	Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush
Sampler - UPS - Bus - Other:	Corrected Temp. °C -8.7	CHECKED BY: (Initials) KP	Thermometer ID #140 Correction Factor -0.6°C
			Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C Corrected Temp. °C

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
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Page 5 of 6

Company Name: Etech Environmental & Safety Solutions, Inc.				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																			
Project Manager: Robbie Runnels				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																			
Address: 2617 West Marland				Company: Permian Resources																							
City: Hobbs State: NM Zip: 88240				Attn: Montgomery Floyd																							
Phone #: (575) 264-9884 Fax #:				Address:																							
Project #: 20204 Project Owner: Permian Resources				City:																							
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Project Location: 32.55729, -103.44071				Phone #:																							
Sampler Name: Tania Felts				Fax #:																							
FOR LAB USE ONLY																											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING																	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME													
H245022	SW 2	C	1			X				X			8/16/24		X	X	X										
41	SW 3	C	1			X				X			8/16/24		X	X	X										
42	SW 4	C	1			X				X			8/16/24		X	X	X										
43	EW 1	C	1			X				X			8/16/24		X	X	X										
44	EW 2	C	1			X				X			8/16/24		X	X	X										
45	EW 3	C	1			X				X			8/16/24		X	X	X										
46	EW 4	C	1			X				X			8/16/24		X	X	X										
47	WW 1	C	1			X				X			8/16/24		X	X	X										
48	WW 2	C	1			X				X			8/16/24		X	X	X										
49	WW 3	C	1			X				X			8/16/24		X	X	X										
50		C	1			X				X			8/16/24		X	X	X										

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Relinquished By:	Date: 8-19-24	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
	Time: 1445		All Results are emailed. Please provide Email address: pm@etechenv.com
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		
Delivered By: (Circle One)	Observed Temp. °C -8.1	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C -8.7	CHECKED BY: (Initials) AD	Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C
			Thermometer ID #140 Correction Factor -0.6°C
			Corrected Temp. °C

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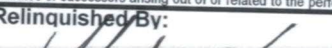


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**(575) 393-2326 FAX (575) 393-2476**

Page 6 of 6

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Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Received By: \_\_\_\_\_

Relinquished By: 		Date: 8-19-24		Received By: 		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Relinquished By:		Time: 1945		Received By:		All Results are emailed. Please provide Email address: <a href="mailto:pm@etechenv.com">pm@etechenv.com</a>	
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition		REMARKS:	
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
				CHECKED BY: (Initials) 		Bacteria (only) Sample Condition	
						Cool Intact Observed Temp. °C	
						<input type="checkbox"/> Yes <input type="checkbox"/> No	
						<input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	

FORM-006 R 3.5 08/05/24





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

---

August 22, 2024

ROBBIE RUNNELS

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: WOODY 22 FED COM CTB 1

Enclosed are the results of analyses for samples received by the laboratory on 08/19/24 14:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://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 "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/19/2024  
 Reported: 08/22/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: NW 3 (H245024-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2024	ND	2.07	103	2.00	2.29	
Toluene*	<0.050	0.050	08/21/2024	ND	1.92	96.2	2.00	3.73	
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.02	101	2.00	5.89	
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.30	105	6.00	6.51	
Total BTEX	<0.300	0.300	08/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 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	08/21/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	226	113	200	0.562	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/19/2024  
 Reported: 08/22/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: NW 4 (H245024-02)**

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	08/21/2024	ND	2.07	103	2.00	2.29		
Toluene*	<0.050	0.050	08/21/2024	ND	1.92	96.2	2.00	3.73		
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.02	101	2.00	5.89		
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.30	105	6.00	6.51		
Total BTEX	<0.300	0.300	08/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	08/21/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2024	ND	206	103	200	3.53	
DRO >C10-C28*	16.6	10.0	08/21/2024	ND	211	106	200	5.06	
EXT DRO >C28-C36	<10.0	10.0	08/21/2024	ND					

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

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.

Mike Snyder For 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

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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 1 of 1

Page 5 of 5

Company Name: Etech Environmental & Safety Solutions, Inc.				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>											
Project Manager: Robbie Runnels				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>											
Address: 2617 West Marland				Company: Permian Resources															
City: Hobbs State: NM Zip: 88240				Attn: Montgomery Floyd															
Phone #: (575) 264-9884 Fax #:				Address:															
Project #: 20204 Project Owner: Permian Resources				City:															
Project Name: Woody 22 Fed Com CTB 1				State: Zip:															
Project Location: 32.55729, -103.44071				Phone #:															
Sampler Name: Tania Felts				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX				PRESERV.		SAMPLING					
								GROUNDWATER											
								WASTEWATER											
								SOIL											
								OIL											
								SLUDGE											
								OTHER :											
								ACID/BASE:											
								ICE / COOL											
								OTHER :											
								DATE				TIME							
H2U5024		NW 3		C		1						X		8/16/24					
2		NW 4		C		1						X		8/16/24					

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

Relinquished By:		Date: 8.19.24		Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: 1445		Time:		Time:		All Results are emailed. Please provide Email address: <a href="mailto:pm@etechenv.com">pm@etechenv.com</a>	
Relinquished By:		Date:		Received By:		REMARKS:	
Time:		Time:		Time:		Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush	
Delivered By: (Circle One)		Observed Temp. °C: 8.1°C		Sample Condition		CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:		Corrected Temp. °C: 8.7°C		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID #140 Correction Factor -0.6°C	
				Bacteria (only) Sample Condition		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	
				Observed Temp. °C		Corrected Temp. °C	

FORM-006 R 3.5 08/05/24

† Cardinal cannot accept verbal changes. Please email changes to [celey.keene@cardinallabsnm.com](mailto:celey.keene@cardinallabsnm.com)



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

August 21, 2024

ROBBIE RUNNELS

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: WOODY 22 FED COM CTB 1

Enclosed are the results of analyses for samples received by the laboratory on 08/19/24 14:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://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  
 ROBBIE RUNNELS  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received: 08/19/2024  
 Reported: 08/21/2024  
 Project Name: WOODY 22 FED COM CTB 1  
 Project Number: 20204  
 Project Location: 32.55729, -103.44071

Sampling Date: 08/16/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: SIMS RANCH PIT (H245023-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2024	ND	2.07	103	2.00	2.29	
Toluene*	<0.050	0.050	08/21/2024	ND	1.92	96.2	2.00	3.73	
Ethylbenzene*	<0.050	0.050	08/21/2024	ND	2.02	101	2.00	5.89	
Total Xylenes*	<0.150	0.150	08/21/2024	ND	6.30	105	6.00	6.51	
Total BTEX	<0.300	0.300	08/21/2024	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	08/21/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2024	ND	226	113	200	0.562	
DRO >C10-C28*	<10.0	10.0	08/20/2024	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/20/2024	ND					

Surrogate: 1-Chlorooctane 66.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.9 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





---

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---

### Notes and Definitions

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

---

Cardinal Laboratories

\*=Accredited Analyte

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

---

Celey D. Keene, Lab Director/Quality Manager

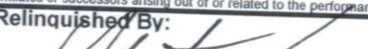
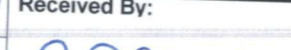

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Page 1 of 1

[illegible]

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Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Received By: \_\_\_\_\_

Relinquished By: 		Date: 8-19-24	Received By: 		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Relinquished By:		Time: 1445	Received By:		All Results are emailed. Please provide Email address: <a href="mailto:pm@etechenv.com">pm@etechenv.com</a>	
Delivered By: (Circle One)		Date:	REMARKS:			
Sampler - UPS - Bus - Other:		Time:				
Observed Temp. °C = 8.1°C		Sample Condition		CHECKED BY: (Initials)		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
Corrected Temp. °C = 8.7°C		Cool <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				Bacteria (only) Sample Condition
FORM-006 R 3.5 08/05/24		† Cardinal cannot accept verbal changes. Please email changes to: <a href="mailto:etechenv@etechenv.com">etechenv@etechenv.com</a>		Thermometer ID #140		Cool <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>
				Correction Factor -0.6°C		Observed Temp. °C
						Corrected Temp. °C

FORM-006 R 3.5 08/05/24

† Cardinal cannot accept verbal changes. Please email changes to [celey.keene@cardinallabsnm.com](mailto:celey.keene@cardinallabsnm.com)

## **Appendix D**

### **Photographic Log**

## Photographic Log





## Photographic Log





Photographic Log

<b>Photo Number:</b> 5	<div>10/2/24, 3:05 PM +32.556444,-103.446383 NM,Eunice</div>  A photograph of an industrial site. In the foreground, there is a large, flat, sandy area with visible tire tracks, which is the backfilled area. In the background, there are several large, dark-colored storage tanks and a small structure with a satellite dish. The sky is clear and blue.
<b>Photo Direction:</b> North	
<b>Photo Description:</b>  Backfilled area	

<b>Photo Number:</b> 6	<div>10/2/24, 3:05 PM +32.556457,-103.446489 NM,Eunice</div>  A photograph of a backfilled area. The foreground is a sandy, flat surface with tire tracks. In the background, there is a fence line and some industrial structures, including a tall tower. The sky is clear and blue.
<b>Photo Direction:</b> North	
<b>Photo Description:</b>  Backfilled area	

## **Appendix E**

### **Regulatory Correspondence**



**Robbie Runnels**

---

**From:** Matthew Taylor <Matthew.Taylor@permianres.com>  
**Sent:** Wednesday, August 14, 2024 9:17 AM  
**To:** Robbie Runnels  
**Subject:** FW: -EXTERNAL- The Oil Conservation Division (OCD) has accepted the application, Application ID: 373650

**Matthew Taylor**  
(575)408-3638

---

**From:** OCDOnline@state.nm.us <OCDOnline@state.nm.us>  
**Sent:** Wednesday, August 14, 2024 8:31 AM  
**To:** Matthew Taylor <Matthew.Taylor@permianres.com>  
**Subject:** -EXTERNAL- The Oil Conservation Division (OCD) has accepted the application, Application ID: 373650

**WARNING:** The sender of this email could not be validated and may not match the person in the "From" field.

To whom it may concern (c/o Matthew Taylor for Permian Resources Operating, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAPP2334564703.

The sampling event is expected to take place:

**When:** 08/16/2024 @ 08:00

**Where:** I-22-20S-35E 0 FNL 0 FEL (32.557296,-103.440714)

**Additional Information:** Robbie Runnels  
432.282.9143

**Additional Instructions:** GPS: 32.556673,-103.447272

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

**CAUTION:** This email originated from outside of the organization. If it appears to be internal, check directly with assumed source

**Robbie Runnels**

---

**From:** Matthew Taylor <Matthew.Taylor@permianres.com>  
**Sent:** Wednesday, August 14, 2024 9:18 AM  
**To:** Robbie Runnels  
**Subject:** FW: -EXTERNAL- The Oil Conservation Division (OCD) has accepted the application, Application ID: 373674

**Matthew Taylor**  
(575)408-3638

---

**From:** OCDOnline@state.nm.us <OCDOnline@state.nm.us>  
**Sent:** Wednesday, August 14, 2024 8:40 AM  
**To:** Matthew Taylor <Matthew.Taylor@permianres.com>  
**Subject:** -EXTERNAL- The Oil Conservation Division (OCD) has accepted the application, Application ID: 373674

**WARNING:** The sender of this email could not be validated and may not match the person in the "From" field.

To whom it may concern (c/o Matthew Taylor for Permian Resources Operating, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAPP2334564703.

The sampling event is expected to take place:

**When:** 08/20/2024 @ 08:00

**Where:** I-22-20S-35E 0 FNL 0 FEL (32.557296,-103.440714)

**Additional Information:** Robbie Runnels  
432.282.9143

**Additional Instructions:** GPS: 32.556673,-103.447272

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

**CAUTION:** This email originated from outside of the organization. If it appears to be internal, check directly with assumed source

**Robbie Runnels**

---

**From:** Matthew Taylor <Matthew.Taylor@permianres.com>  
**Sent:** Wednesday, August 14, 2024 9:18 AM  
**To:** Robbie Runnels  
**Subject:** FW: -EXTERNAL- The Oil Conservation Division (OCD) has accepted the application, Application ID: 373703

**Matthew Taylor**  
(575)408-3638

---

**From:** OCDOnline@state.nm.us <OCDOnline@state.nm.us>  
**Sent:** Wednesday, August 14, 2024 8:54 AM  
**To:** Matthew Taylor <Matthew.Taylor@permianres.com>  
**Subject:** -EXTERNAL- The Oil Conservation Division (OCD) has accepted the application, Application ID: 373703

**WARNING:** The sender of this email could not be validated and may not match the person in the "From" field.

To whom it may concern (c/o Matthew Taylor for Permian Resources Operating, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAPP2334564703.

The sampling event is expected to take place:

**When:** 08/21/2024 @ 08:00

**Where:** I-22-20S-35E 0 FNL 0 FEL (32.557296,-103.440714)

**Additional Information:** Robbie Runnels  
432.282.9143

**Additional Instructions:** GPS: 32.556673,-103.447272

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

**CAUTION:** This email originated from outside of the organization. If it appears to be internal, check directly with assumed source

**Robbie Runnels**

---

**From:** Matthew Taylor <Matthew.Taylor@permianres.com>  
**Sent:** Wednesday, August 14, 2024 9:18 AM  
**To:** Robbie Runnels  
**Subject:** FW: -EXTERNAL- The Oil Conservation Division (OCD) has accepted the application, Application ID: 373708

**Matthew Taylor**  
(575)408-3638

---

**From:** OCDOnline@state.nm.us <OCDOnline@state.nm.us>  
**Sent:** Wednesday, August 14, 2024 9:00 AM  
**To:** Matthew Taylor <Matthew.Taylor@permianres.com>  
**Subject:** -EXTERNAL- The Oil Conservation Division (OCD) has accepted the application, Application ID: 373708

**WARNING:** The sender of this email could not be validated and may not match the person in the "From" field.

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**Where:** I-22-20S-35E 0 FNL 0 FEL (32.557296,-103.440714)

**Additional Information:** Robbie Runnels  
432.282.9143

**Additional Instructions:** GPS: 32.556673,-103.447272

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1220 South St. Francis Drive

Santa Fe, NM 87505

**CAUTION:** This email originated from outside of the organization. If it appears to be internal, check directly with assumed source

**Robbie Runnels**

---

**From:** Matthew Taylor <Matthew.Taylor@permianres.com>  
**Sent:** Wednesday, August 14, 2024 9:19 AM  
**To:** Robbie Runnels  
**Subject:** FW: -EXTERNAL- The Oil Conservation Division (OCD) has accepted the application, Application ID: 373715

**Matthew Taylor**  
(575)408-3638

---

**From:** OCDOnline@state.nm.us <OCDOnline@state.nm.us>  
**Sent:** Wednesday, August 14, 2024 9:17 AM  
**To:** Matthew Taylor <Matthew.Taylor@permianres.com>  
**Subject:** -EXTERNAL- The Oil Conservation Division (OCD) has accepted the application, Application ID: 373715

**WARNING:** The sender of this email could not be validated and may not match the person in the "From" field.

To whom it may concern (c/o Matthew Taylor for Permian Resources Operating, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAPP2334564703.

The sampling event is expected to take place:

**When:** 08/23/2024 @ 08:00

**Where:** I-22-20S-35E 0 FNL 0 FEL (32.557296,-103.440714)

**Additional Information:** Robbie Runnels  
432.282.9143

**Additional Instructions:** GPS: 32.556673,-103.447272

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.

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Santa Fe, NM 87505

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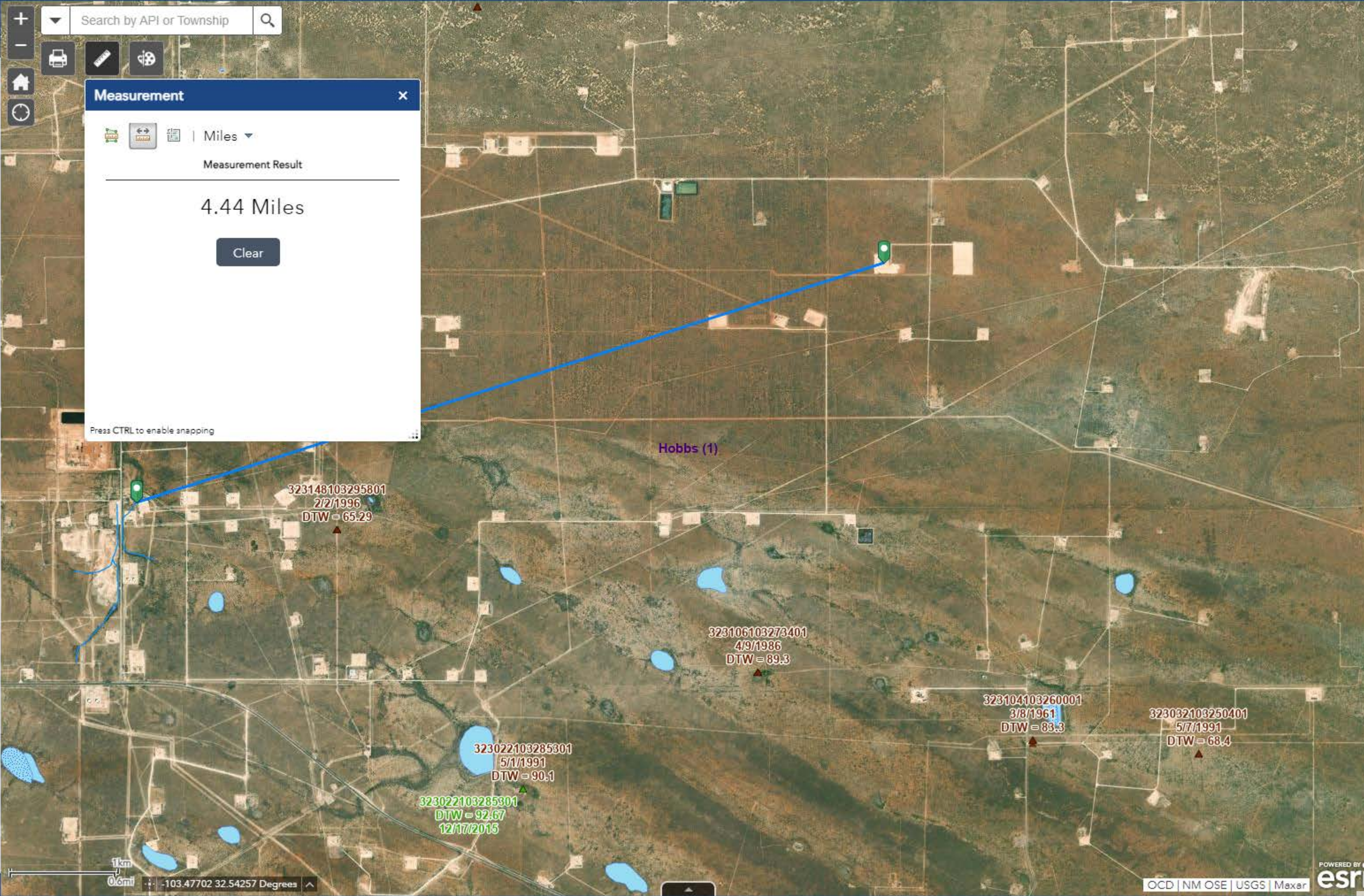




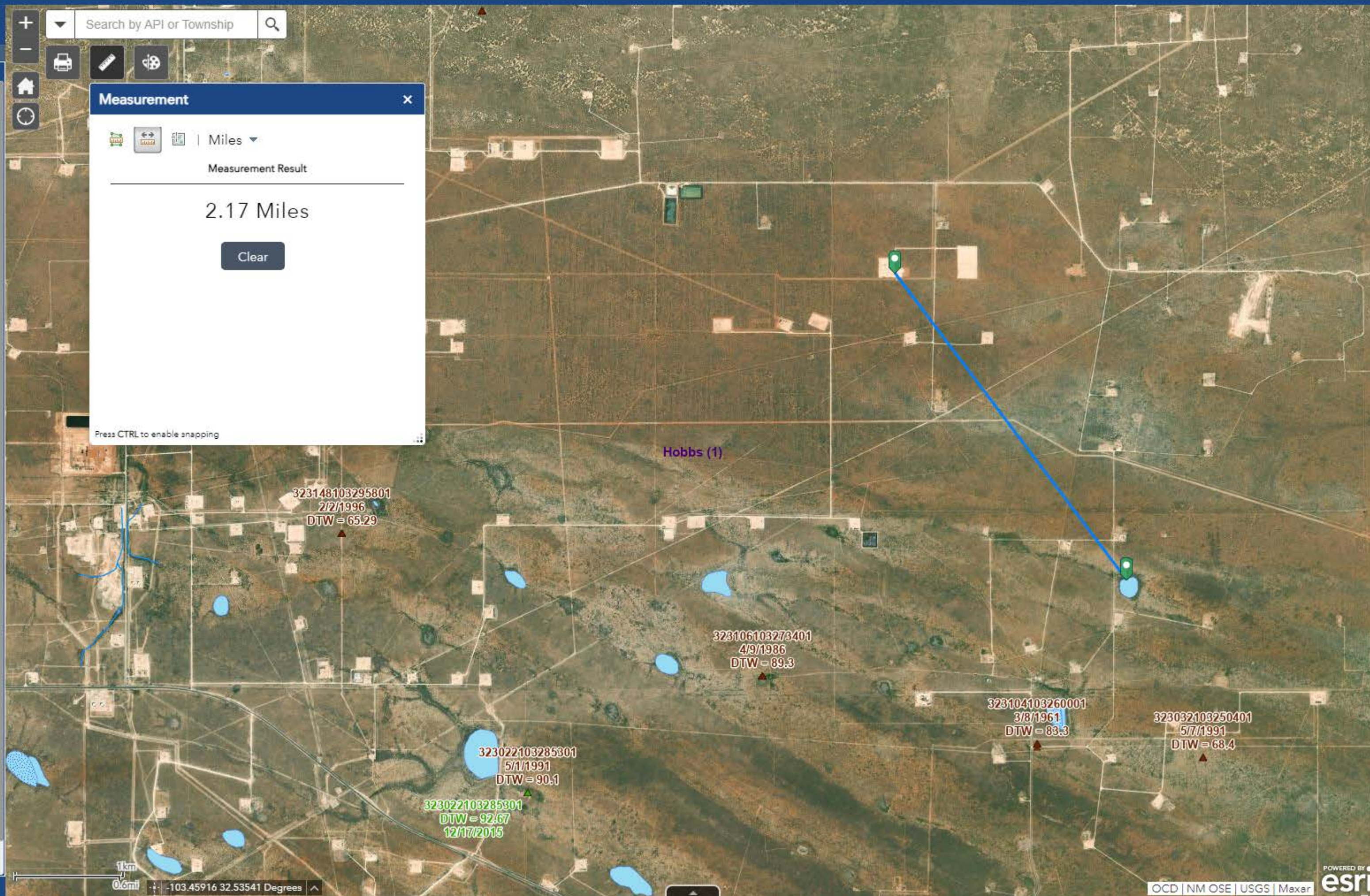
Layer List

Layers

- ☒ OSE Water PODs ...
- ☐ M2.5+ Earthquakes (USGS 30-day) ...
- ☐ NM Oil and Gas Wells ...
- ☐ Incidents (C-141) ...
- ☐ Facilities ...
- ☒ USGS Groundwater wells ...
- ☐ Induced Seismicity Area ...
- ☐ Permian Basin Karst Areas ...
- ☐ BLM Oil Gas Leases Case Disp ...
- ☐ BLM Oil Gas Leases Production Status ...
- ☐ BLM Fluid Minerals Case ...
- ☐ BLM FM Agreements Case Disp ...
- ☐ BLM FM Agreements Production Status ...
- ☐ BLM FM Participating Areas Case Disp ...
- ☐ NM SLO Oil and Gas Leases ...
- ☐ NM SLO Participating Area and Unit Agreement Boundaries ...
- ☐ Political Boundaries and Transportation ...
- ☐ Mineral and Surface Ownership ...
- ☒ Hydrology ...
- ☒ OCD Districts ...
- ☒ NM Oil and Gas Production Areas ...











Layer List

Layers

☒

OSE Water PODs

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☐

M2.5+ Earthquakes (USGS 30-day)

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NM Oil and Gas Wells

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Incidents (C-141)

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Facilities

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USGS Groundwater wells

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Induced Seismicity Area

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Permian Basin Karst Areas

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☐

BLM Oil Gas Leases Case Disp

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☐

BLM Oil Gas Leases Production Status

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☐

BLM Fluid Minerals Case

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☐

BLM FM Agreements Case Disp

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☐

BLM FM Agreements Production Status

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☐

BLM FM Participating Areas Case Disp

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☐

NM SLO Oil and Gas Leases

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NM SLO Participating Area and Unit Agreement Boundaries

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Political Boundaries and Transportation

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Mineral and Surface Ownership

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Hydrology

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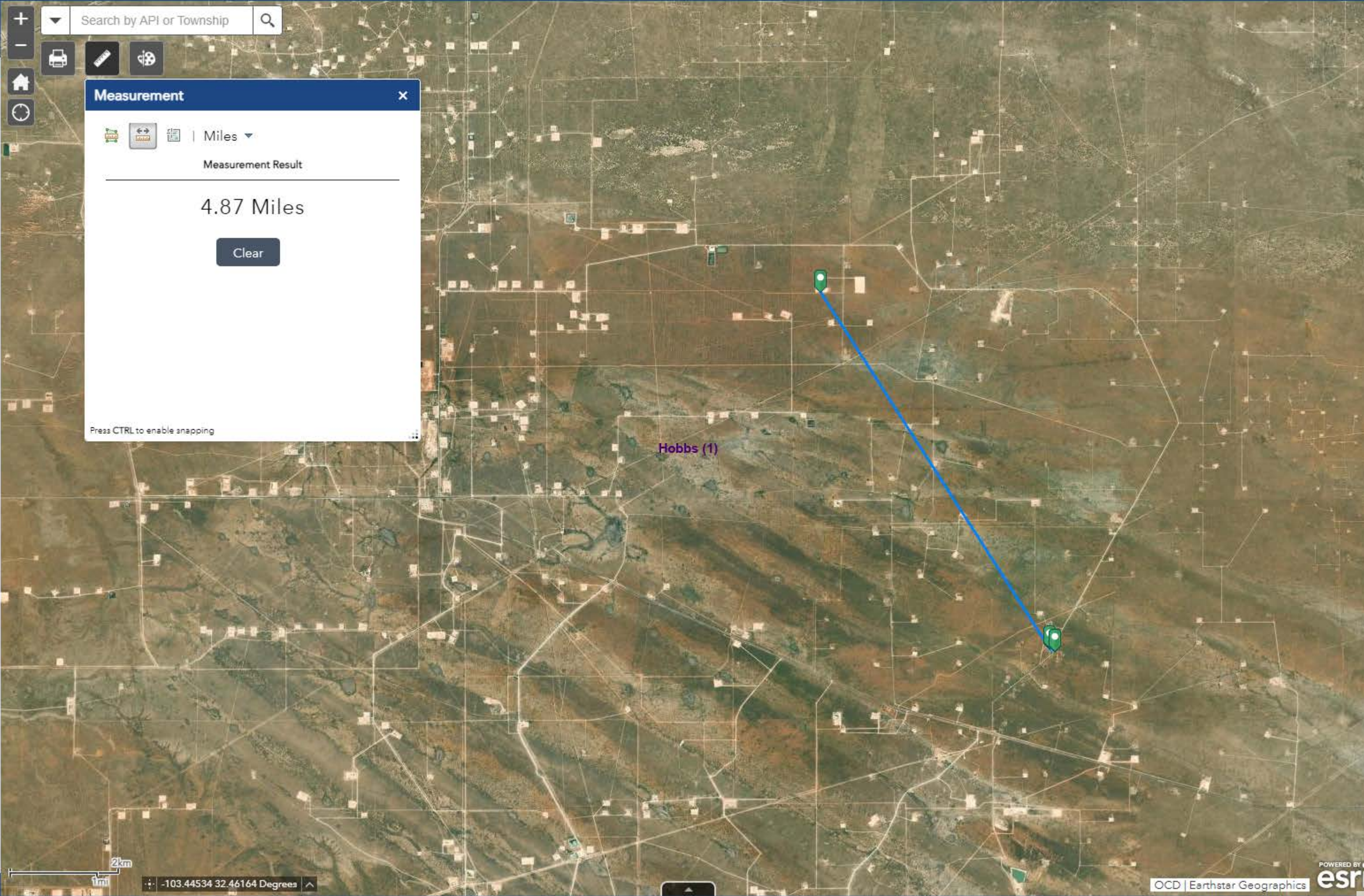
OCD Districts

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☐

NM Oil and Gas Production Areas

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Measurement

Miles

Measurement Result

4.87 Miles

Clear

Press CTRL to enable snapping





- Layer List
- Layers
- ☒

OSE Water PODs
- ☐

M2.5+ Earthquakes (USGS 30-day)
- ☐

NM Oil and Gas Wells
- ☐

Incidents (C-141)
- ☐

Facilities
- ☐

USGS Groundwater wells
- ☐

Induced Seismicity Area
- ☐

Permian Basin Karst Areas
- ☐

BLM Oil Gas Leases Case Disp
- ☐

BLM Oil Gas Leases Production Status
- ☐

BLM Fluid Minerals Case
- ☐

BLM FM Agreements Case Disp
- ☐

BLM FM Agreements Production Status
- ☐

BLM FM Participating Areas Case Disp
- ☐

NM SLO Oil and Gas Leases
- ☐

NM SLO Participating Area and Unit Agreement Boundaries
- ☐

Political Boundaries and Transportation
- ☐

Mineral and Surface Ownership
- ☐

Hydrology
- ☒

OCD Districts
- ☐

NM Oil and Gas Production Areas

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Home

Refresh

Search by API or Township

Q

Print

Measure

Fullscreen

Measurement

Miles

Measurement Result

1.9 Miles

Clear

Press CTRL to enable snapping

0.4km

0.3mi

-103.42362

32.56208

Degrees





Layer List

Layers



- ☒ OSE Water PODs ...
- ☐ M2.5+ Earthquakes (USGS 30-day) ...
- ☐ NM Oil and Gas Wells ...
- ☐ Incidents (C-141) ...
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- ☐ Hydrology ...
- ☒ OCD Districts ...
- ☐ NM Oil and Gas Production Areas ...

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Home

Refresh

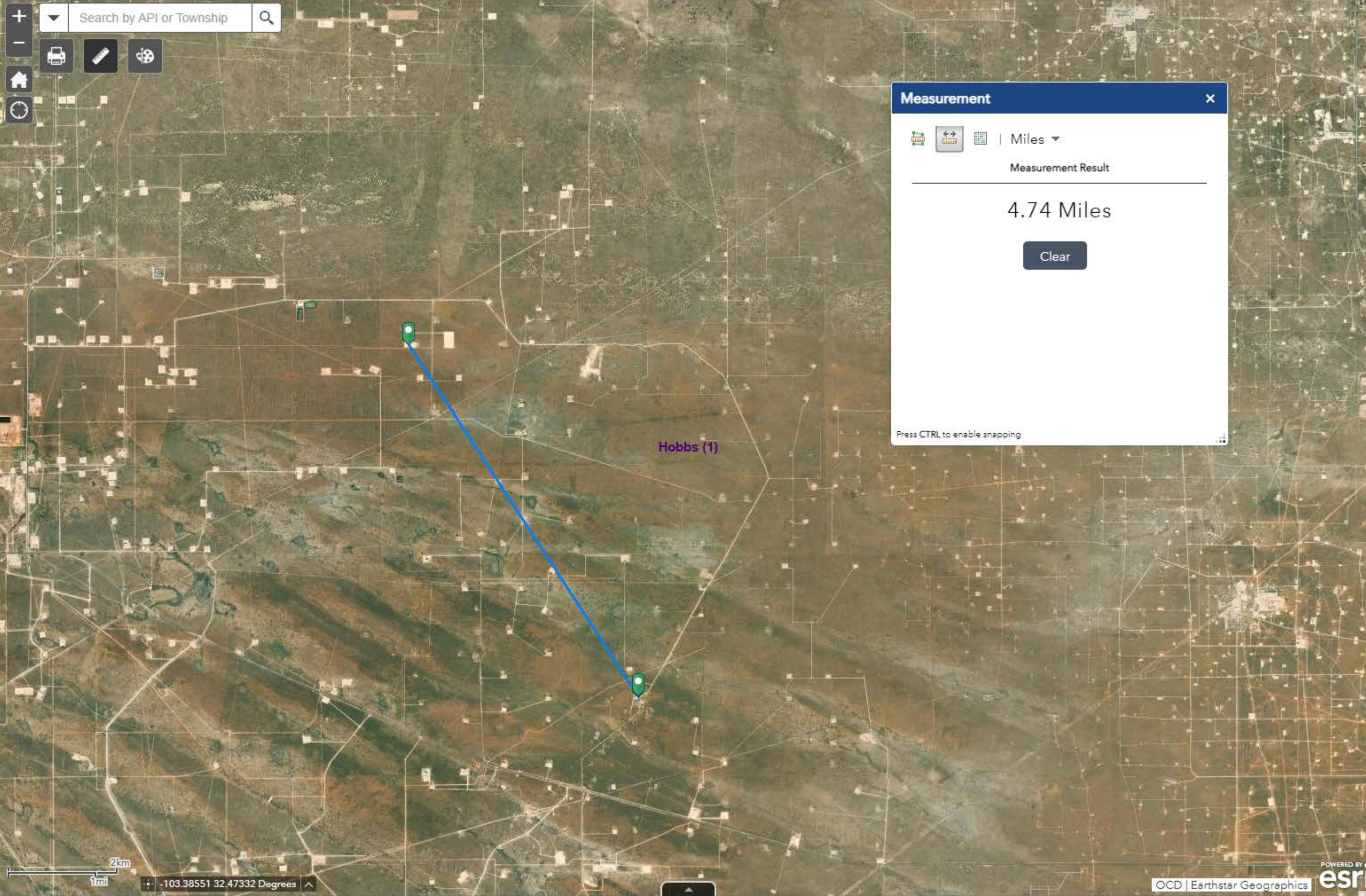
Search by API or Township

Q

Print

Measure

Fullscreen



Measurement

Icons for measurement tools

Miles

Measurement Result

4.74 Miles

Clear

Press CTRL to enable snapping

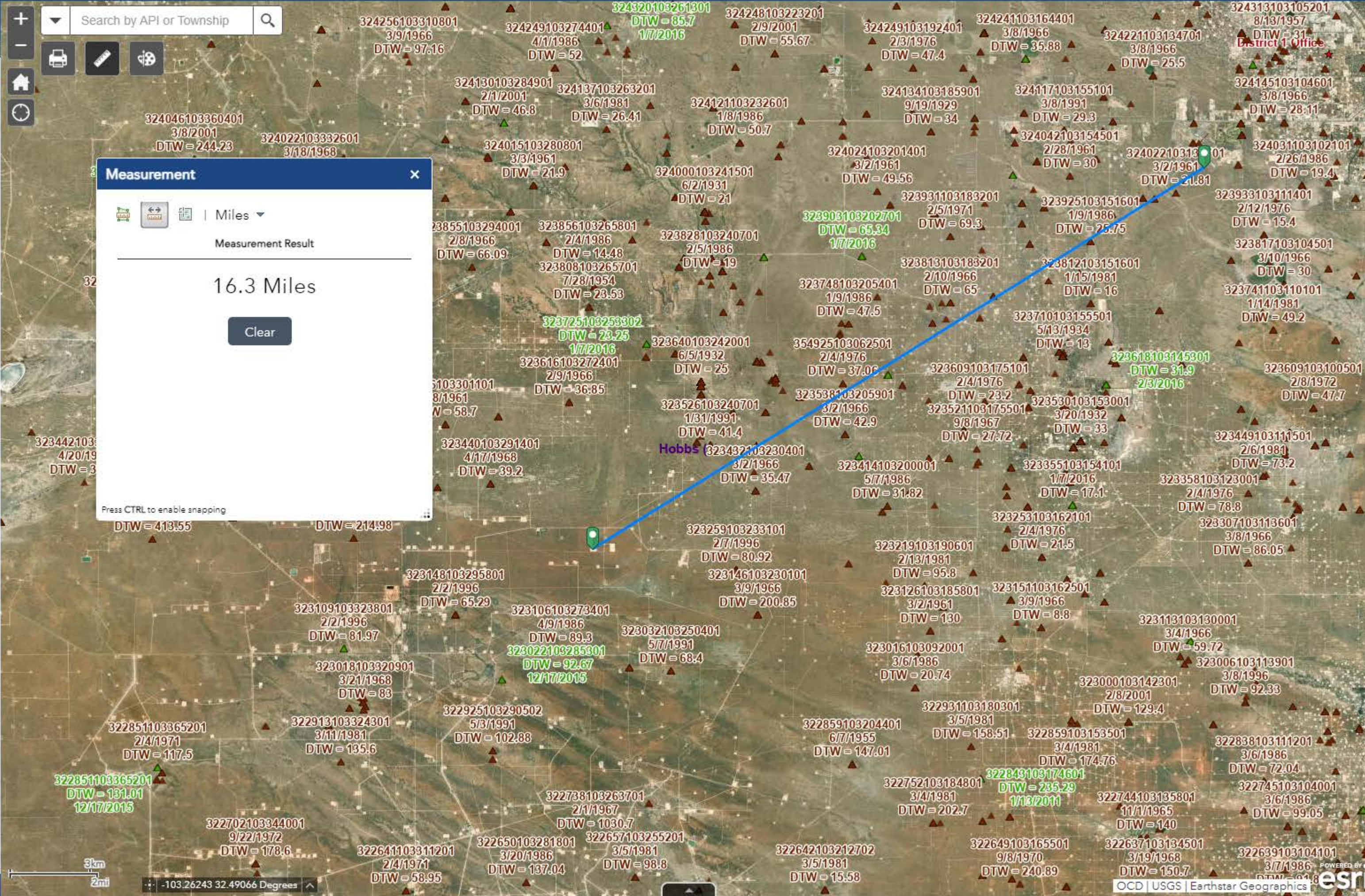




Layer List

Layers

- ☒ OSE Water PODs
- ☐ M2.5+ Earthquakes (USGS 30-day)
- ☐ NM Oil and Gas Wells
- ☐ Incidents (C-141)
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- ☒ Hydrology
- ☒ OCD Districts
- ☐ NM Oil and Gas Production Areas





BASEMAPS >

MAP LAYERS >

☒ Wetlands 1 2

☒ Riparian 1 2

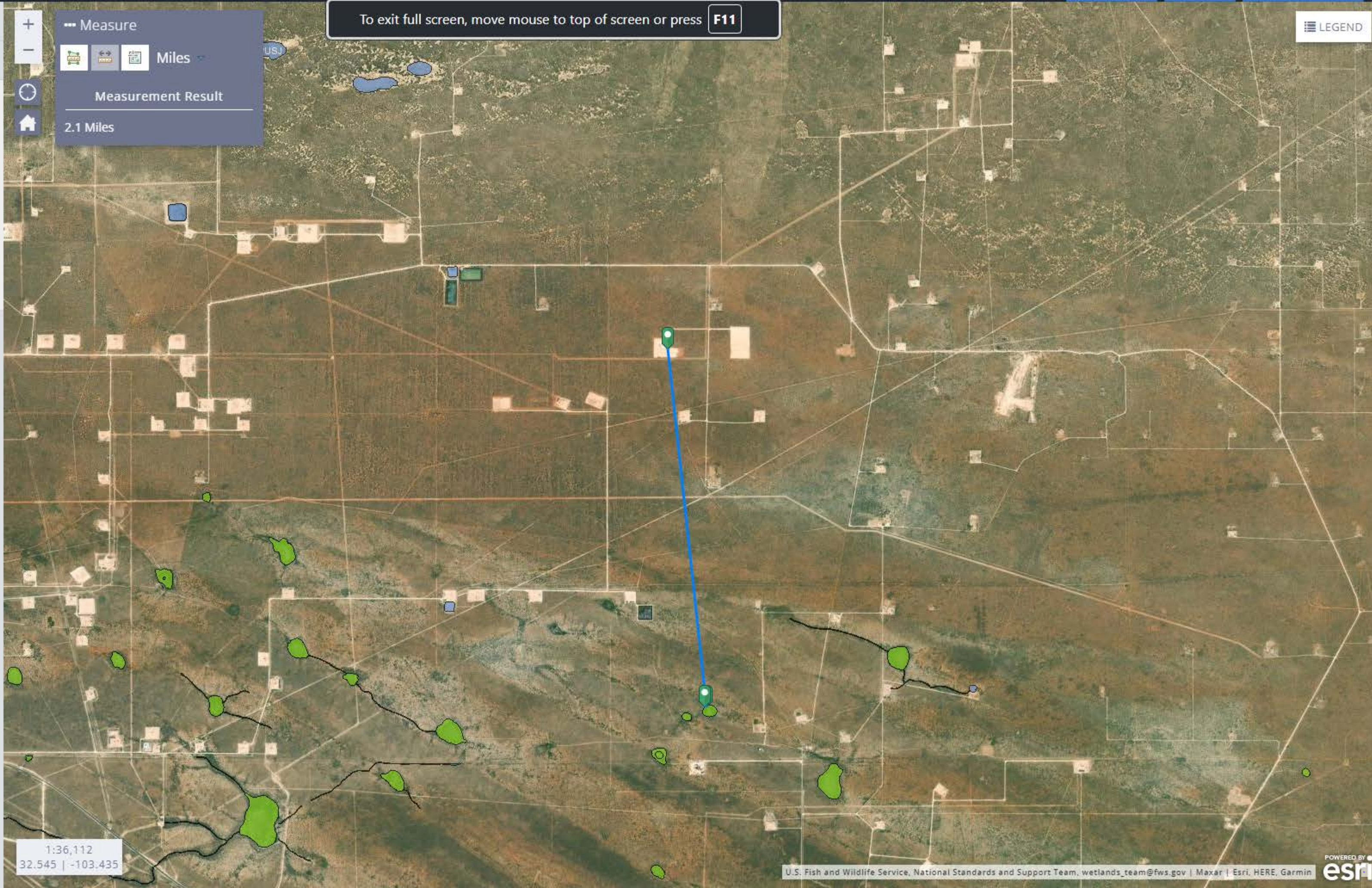
☐ Riparian Mapping Areas 1 2

☒ Data Source 1 2

- ☐ Source Type
- ☐ Image Scale
- ☐ Image Year

☐ Areas of Interest 2

☐ FWS Managed Lands 1 2







Layer List

Layers

- ☒ Registered Mines ...
- ☒ Mineral\_and\_Surface\_Ownership ...
- ☐ Public Land Survey System (PLSS) ...



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Home

Refresh

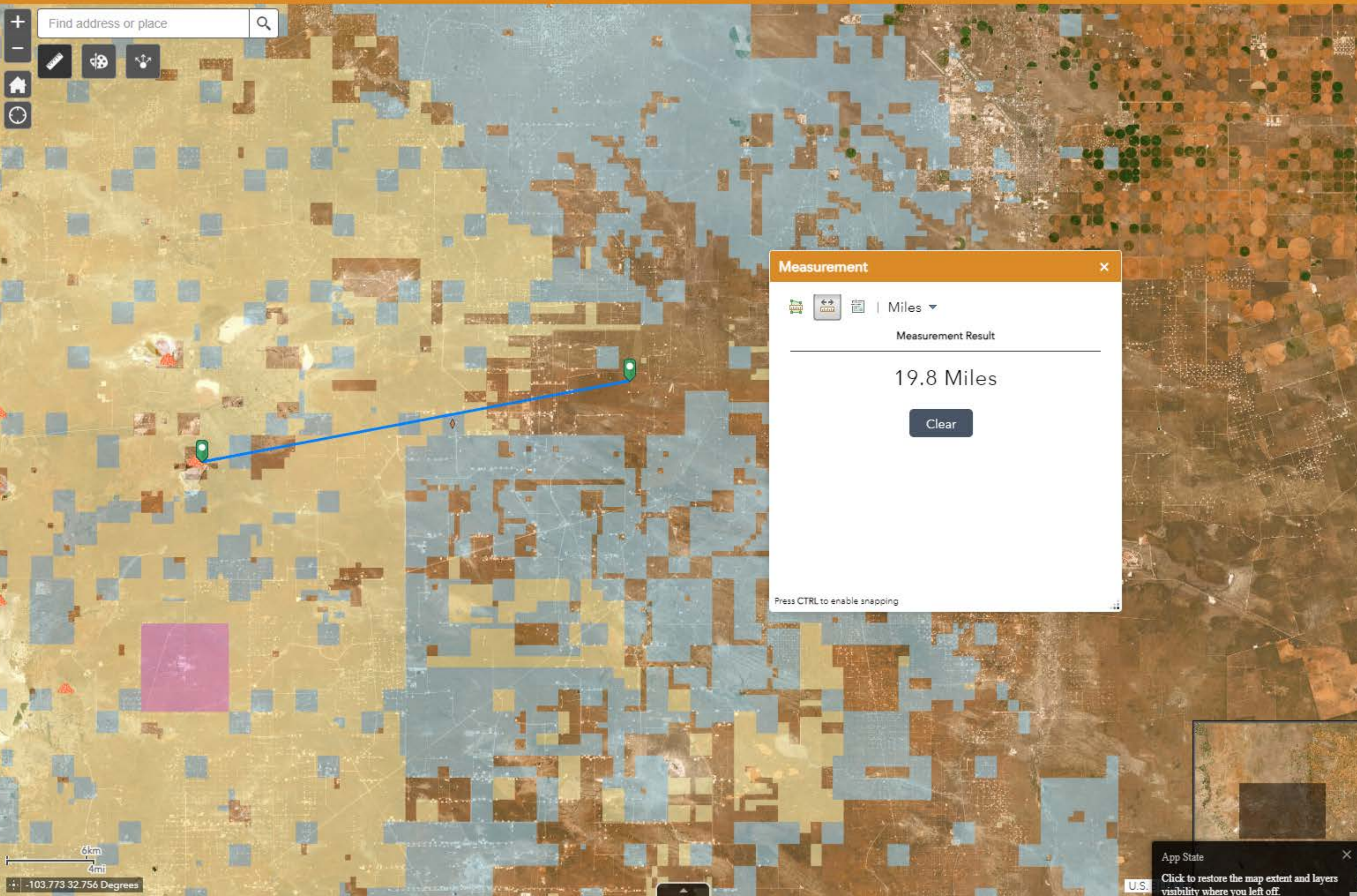
Find address or place

Q

Scale

Full Screen

Layers



Measurement

Measure

Undo

Print

Miles

Measurement Result

19.8 Miles

Clear

Press CTRL to enable snapping

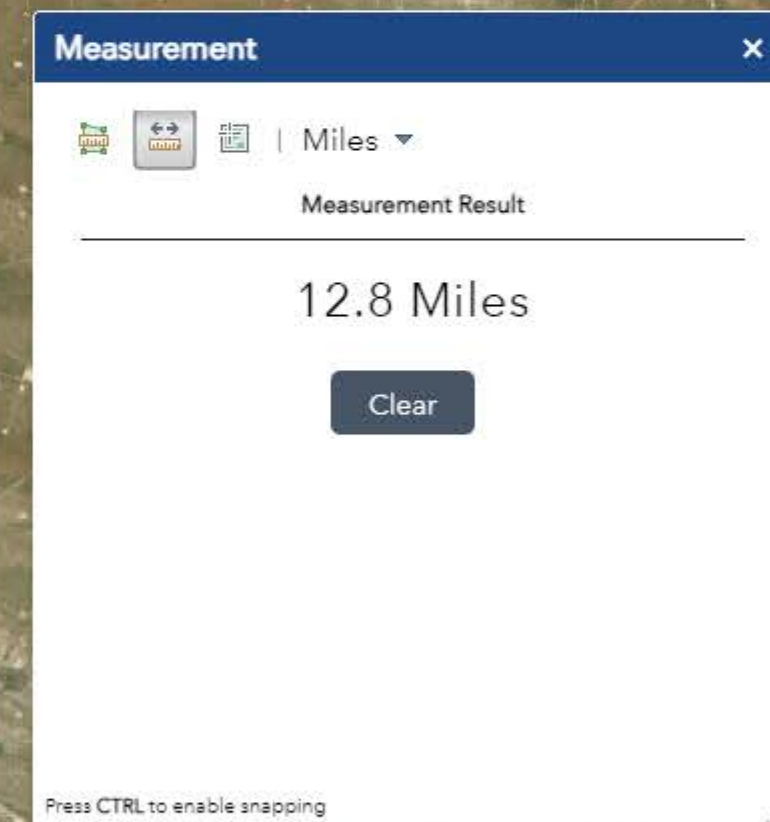
App State

Click to restore the map extent and layers visibility where you left off.



## Layers

- Q 3





Layer List

Layers

OSE Water PODs

...

M2.5+ Earthquakes (USGS 30-day)

...

NM Oil and Gas Wells

...

Incidents (C-141)

...

Facilities

...

USGS Groundwater wells

...

Induced Seismicity Area

...

M2.5+ Earthquakes (2021+)

...

Seismic Response 2.5 to 2.9

...

Seismic Response 3.0 to 3.4

...

Seismic Response 3.5 and above

...

Permian Basin Karst Areas

...

Critical Karst Resource Area

...

Karst Occurrence Potential

...

BLM Oil Gas Leases Case Disp

...

BLM Oil Gas Leases Production Status

...

BLM Fluid Minerals Case

...

BLM FM Agreements Case Disp

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BLM FM Agreements Production Status

...

BLM FM Participating Areas Case Disp

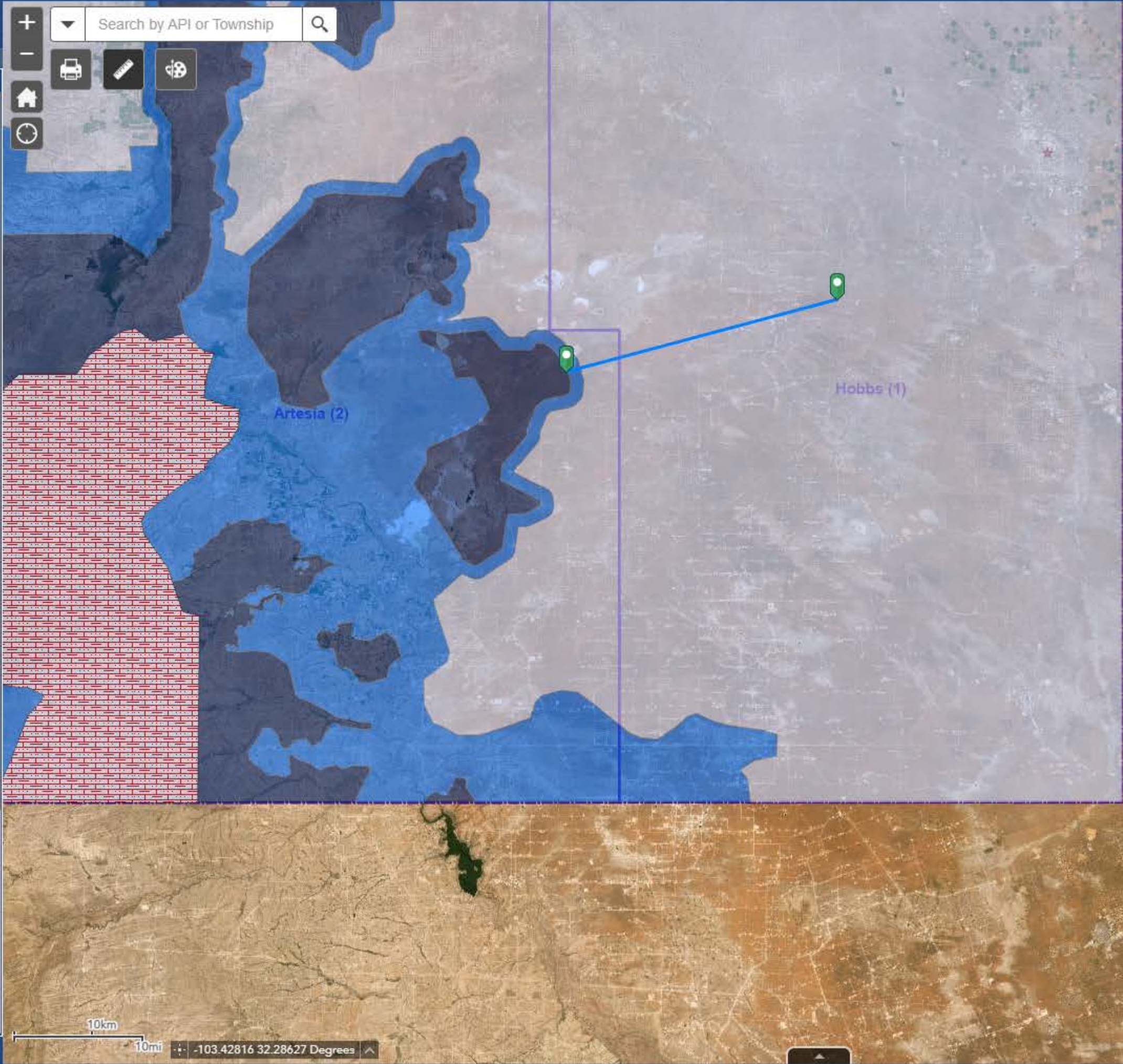
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NM SLO Oil and Gas Leases

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NM SLO Participating Area and Unit Agreement

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Measurement

Miles

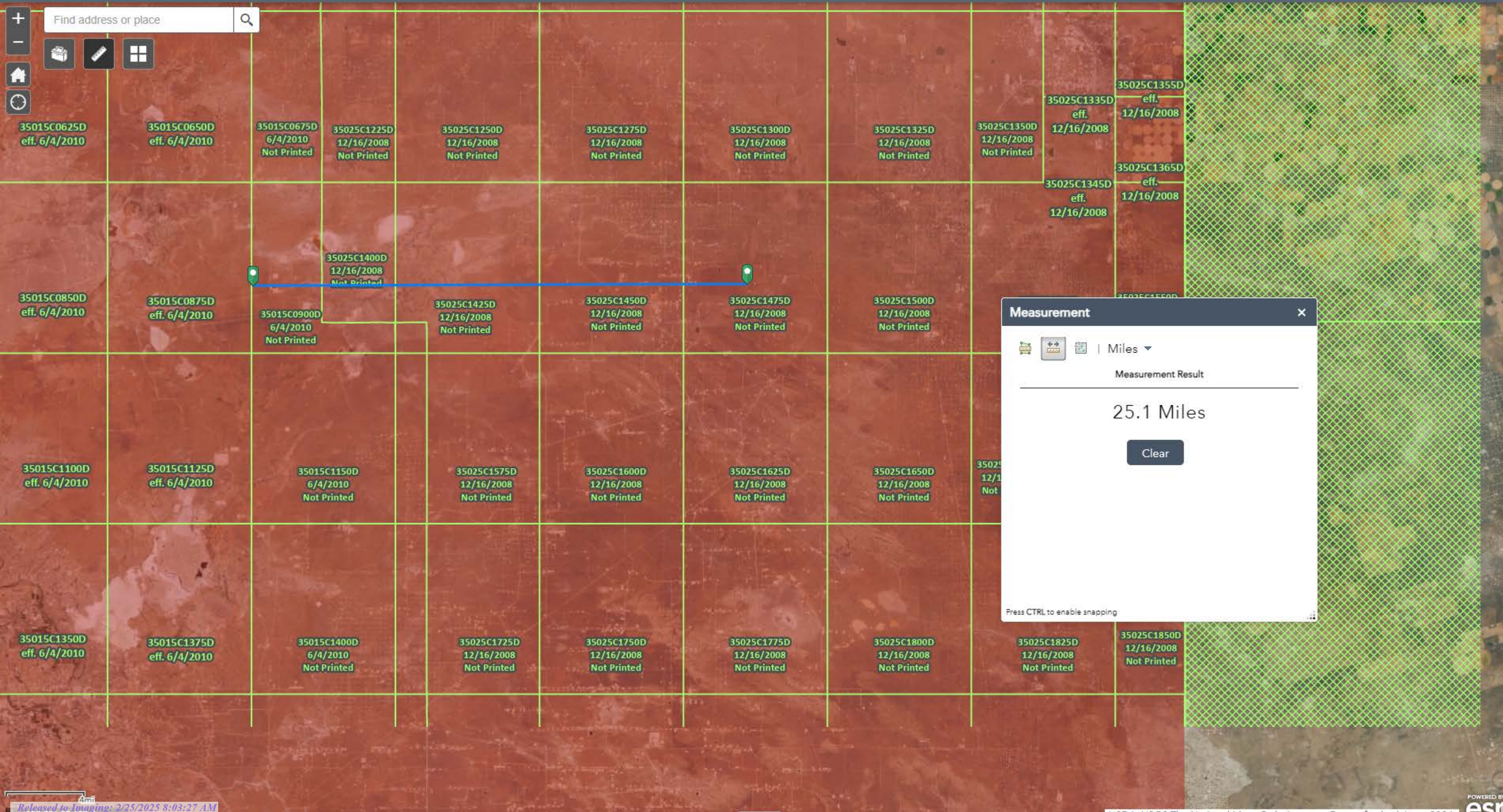
Measurement Result

21.4 Miles

Clear

Press CTRL to enable snapping





Find address or place



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eff. 6/4/2010

35015C0650D  
eff. 6/4/2010

35015C0675D  
6/4/2010  
Not Printed

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12/16/2008  
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35025C1250D  
12/16/2008  
Not Printed

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35025C1300D  
12/16/2008  
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12/16/2008  
Not Printed

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eff. 12/16/2008

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eff. 12/16/2008

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eff. 12/16/2008

35025C1365D  
eff. 12/16/2008

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eff. 6/4/2010

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eff. 6/4/2010

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6/4/2010  
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eff. 6/4/2010

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eff. 6/4/2010

35015C1400D  
6/4/2010  
Not Printed

35025C1725D  
12/16/2008  
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12/16/2008  
Not Printed

35025C1800D  
12/16/2008  
Not Printed

35025C1825D  
12/16/2008  
Not Printed

35025C1850D  
12/16/2008  
Not Printed

Measurement

Miles

Measurement Result

25.1 Miles

Clear

Press CTRL to enable snapping



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

General Information  
Phone: (505) 629-6116

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

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS

Action 400455

**QUESTIONS**

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 400455
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2334564703
Incident Name	NAPP2334564703 WOODY FED COM CTB 1 @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2326349863] Woody 22 Fed Com CTB 1

**Location of Release Source***Please answer all the questions in this group.*

Site Name	Woody Fed Com CTB 1
Date Release Discovered	11/29/2023
Surface Owner	Federal

**Incident Details***Please answer all the questions in this group.*

Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

**Nature and Volume of Release***Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*

Crude Oil Released (bbls) Details	Cause: Equipment Failure   Separator   Crude Oil   Released: 11 BBL   Recovered: 9 BBL   Lost: 2 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Separator   Produced Water   Released: 26 BBL   Recovered: 19 BBL   Lost: 7 BBL.
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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Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS, Page 2

Action 400455

**QUESTIONS (continued)**

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 400455
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

**Initial Response**

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

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

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

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

I hereby agree and sign off to the above statement	Name: Montgomery Floyd Title: Environmental Manager Email: montgomery.floyd@permianres.com Date: 12/11/2023
--	--



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

General Information  
Phone: (505) 629-6116

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

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS, Page 3

Action 400455

**QUESTIONS (continued)**

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID:
	372165
	Action Number:
	400455
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

**QUESTIONS****Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

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

**Remediation Plan**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	32
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	25
GRO+DRO (EPA SW-846 Method 8015M)	0.1
BTEX (EPA SW-846 Method 8021B or 8260B)	0.1
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	08/16/2024
On what date will (or did) the final sampling or liner inspection occur	08/16/2024
On what date will (or was) the remediation complete(d)	10/02/2024
What is the estimated surface area (in square feet) that will be reclaimed	6800
What is the estimated volume (in cubic yards) that will be reclaimed	140
What is the estimated surface area (in square feet) that will be remediated	6800
What is the estimated volume (in cubic yards) that will be remediated	600

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS, Page 4

Action 400455

**QUESTIONS (continued)**

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 400455
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<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>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	LEA LAND LANDFILL [fEEM0112342028]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> 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: Matthew Taylor Title: Environmental Coordinator Email: <a href="mailto:matthew.taylor@permianres.com">matthew.taylor@permianres.com</a> Date: 11/07/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5  
  
Action 400455

QUESTIONS (continued)

Operator:  Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID:  372165
	Action Number:  400455
	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 400455

**QUESTIONS (continued)**

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 400455
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	383002
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/20/2024
What was the (estimated) number of samples that were to be gathered	55
What was the sampling surface area in square feet	7500

**Remediation Closure Request**

*Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.*

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	6800
What was the total volume (cubic yards) remediated	600
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	6800
What was the total volume (in cubic yards) reclaimed	600
Summarize any additional remediation activities not included by answers (above)	Remediation activities are completed at site.

*The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.*

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Matthew Taylor Title: Environmental Coordinator Email: matthew.taylor@permianres.com Date: 11/07/2024
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QUESTIONS, Page 7  
  
Action 400455

QUESTIONS (continued)

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	Action Number:  400455
	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 400455

CONDITIONS

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	Action Number: 400455
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvez	None	2/25/2025