Amended Remediation Summary & Deferral Request

Mewbourne Oil Company
Cooksey 36 St Com #1H Battery
Eddy County, New Mexico
Unit Letter "P", Section 19, Township 24 South, Range 27 East
Latitude 32.07997° North, Longitude 104.13602° West
NMOCD Reference No. nAPP2435536568

Prepared By:

Etech Environmental & Safety Solutions, Inc.
6309 Indiana Ave, Ste. D
Lubbock, Texas 79413

May 27, 2026

Ben J. Arguijo

Lance Crenshaw

ETECH Environmental & Safety Solutions, Inc.

Carlsbad ● Hobbs ● Houston ● Lafayette ● Lubbock ● Midland

TABLE OF CONTENTS

Section

PROJECT INFORMATION…. **1.0**
SITE CHARACTERIZATION…. **2.0**
CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE…. **3.0**
INITIAL SITE ASSESSMENT…. **4.0**
REMEDIATION ACTIVITIES SUMMARY…. **5.0**
DEFERRAL REQUEST…. **6.0**
RESTORATION, RECLAMATION & RE-VEGETATION PLAN…. **7.0**
LIMITATIONS…. **8.0**
DISTRIBUTION…. **9.0**

FIGURES

Figure 1 – Site Location Map
Figure 2A – Site Characterization Map (0.5-Mile Radius)
Figure 2B – Site Characterization Map (5-Mile Radius)
Figure 3 – Sample Location Map

TABLES

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

APPENDICES

Appendix A – Depth to Groundwater Information
Appendix B – Soil Survey Information
Appendix C – Protected Species & Habitats
Appendix D – Field Data & Soil Profile Log
Appendix E – Photographic Log
Appendix F – Laboratory Analytical Reports
Appendix G – Environmental Karst Study Report
Appendix H – Excavation Guidance Document
Appendix I – Regulatory Correspondence
Appendix J – Remediation Map - nAPP2305359369

1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Mewbourne Oil Company, has prepared this *Amended Remediation Summary & Deferral Request* for the release site known as the Cooksey 36 St Com #1H Battery (Site). Details of the release are summarized below:

Location of Release Source

Latitude: 32.07997° Longitude: -104.13602°

Provided GPS are in WGS84 format.

Site Name:	Cooksey 36 St Com #1H Battery	Site Type:	Tank Battery
Date Release Discovered:	12/9/2024	API # (if applicable):	N/A

Unit Letter	Section	Township	Range	County
"P"	19	24S	27E	Eddy

Surface Owner: [X] State [ ] Federal [ ] Tribal [ ] Private (Name _____)

Nature and Volume of Release

[ ] Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
[X] Produced Water	Volume Released (bbls) 19	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water > 10,000 mg/L?	[X] Yes [ ] No [ ] N/A
[ ] Condensate	Volume Released (bbls)	Volume Recovered (bbls)
[ ] Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
[ ] Other (describe)	Volume/Weight Released	Volume/Weight Recovered

Cause of Release:
Mechanical failure on pressure pump caused a small fire, resulting in the release of fluid on pad. The release was limited to the pad and did not impact the adjacent pasture.

Initial Response

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

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

2.0 SITE CHARACTERIZATION

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (bgs)?	Between 100 and 500 (ft.)
What method was used to determine the depth to groundwater?	Direct Measurement
Did the release impact groundwater or surface water?	☐ Yes ☒ No
What is the minimum distance between the closest lateral extents of the release and the following surface areas?	
A continuously flowing watercourse or any other significant watercourse?	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution or church?	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Between 1 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 ½ and 1 (mi.)
A subsurface mine?	Greater than 5 (mi.)
A (non-karst) unstable area?	Between ½ and 1 (mi.)
Categorize the risk of this well/site being in a karst geology.	Low
A 100-year floodplain?	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production or storage site?	☐ Yes ☒ No

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) was conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the Site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. In addition, on May 5, 2026, an investigative soil boring was drilled nearby in an effort to determine if shallow groundwater is present in the area. The soil boring was advanced to a total depth of approximately 105 feet bgs and left open for over 72 hours. No indications of inflow and/or accumulation of water were noted during the advancement of the soil boring or prior to plugging and abandonment. A groundwater gauging event conducted on May 8, 2026, confirmed that the borehole was dry. The location of the investigative soil bore is depicted in Figures 2A, 2B, and 4. A drilling log is provided in Appendix A.

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

Remediation activities did "not involve new surface disturbing activity outside the authorized boundaries of any existing roads, rights of way, well pads, associated oil and gas facilities or other structures." Therefore, it was inferred that said activities were exempt from the acknowledgment, archaeological records inspection/survey, and compliance measures requirements of the “Cultural Properties Protection Rule”, pursuant to Subsection 19.2.24.10.A.(8) of the New Mexico Administrative Code (NMAC).

A review of United States Department of Agriculture soil survey data indicates that the soil at the Site is classified as Reeves-Reagan loams with 0 to 3 percent slopes. The depth to the restrictive layer across the Site is listed as "more than 80 inches." Soil survey information is provided as Appendix B.

The Site is not located within known Dunes Sagebrush Lizard, Lesser Prairie Chicken, or other sensitive wildlife habitats. However, it lies near areas mapped by the BLM as being within the range of Scheer's beehive cactus and Wright's waterwillow.

No sensitive species or habitats were encountered during the course of remediation activities; therefore, associated timing restrictions and other requirements did not apply. Additional information regarding protected species and habitats is provided in Appendix C.

On April 23, 2025, in accordance with NMOCD directives (see Section 5.0 below) a geophysical survey of the Site was conducted by a third-party environmental contractor. According to the *Environmental Karst Study Report* dated May 23, 2025, "No surface karst features exist within 200 feet (61 meters) of the spill delineation boundary. Two recognized surface karst features exist outside of the 200-foot survey boundary, one each within the 200- and 305-meter survey boundaries, respectively. No anomalies consistent with subsurface air- or water-filled voids were found within the C36S geophysical survey area, indicating the zone beneath the geophysical survey is not subject to collapse. Well-layered stratigraphy is interpreted to exist beneath the area where the geophysical survey was conducted indicating stable ground within the 200-foot survey boundary." The karst study report is provided as Appendix G.

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 Closure Criteria and Reclamation Standards for the Site are as follows:

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standards*‡
Between 100 and 500 (ft.)	Chloride (Cl-)	EPA** 300.0 or SM4500 Cl B	20,000	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	2,500	100
	Gas Range Organics + Diesel Range Organics (GRO+DRO)	EPA SW-846 Method 8015M	1,000	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 NMAC
‡ Reclamation Standards apply only to the top 4' of soil in non-production areas. Section 19.15.29.13 D.(1) NMAC.

4.0 INITIAL SITE ASSESSMENT

On December 31, 2024, Etech conducted an initial site assessment. During the initial site assessment, three test trenches (TT 1, TT 2, and TT 3) were advanced within the inferred margins of the release in an effort to determine the vertical extent of impacted soil. In addition, four hand-augered soil borings (NH, EH, SH, and WH) were advanced along the inferred margins of the release to determine the horizontal extent of impacted soil. The test trenches were advanced in one to two-foot increments to total depths ranging from three feet (TT 2) to 13 feet bgs (TT 1 and TT 3). The hand-augered soil borings were advanced to depths of one foot bgs. During the advancement of the test trenches and soil borings, soil samples were collected and field-screened for the presence of Volatile Organic Compounds (VOCs) utilizing olfactory/visual senses and/or concentrations of chloride utilizing a Hach Quantab ® chloride test kit.

Based on field observations and field test data, a total of 32 delineation soil samples (NH @ Sur, NH @ 1', EH @ Sur, EH @ 1', SH @ Sur, SH @ 1', WH @ Sur, WH @ 1', TT 1 @ SUR through TT 1 @ 13', TT 2 @ SUR through TT 2 @ 3', and TT 3 @ SUR through TT 3 @ 13') were submitted to a certified, commercial laboratory ("the laboratory") for analysis of BTEX, TPH, and chloride. Based on laboratory analytical results, the horizontal extent of impacted soil was adequately defined. The vertical extent of impacted soil was adequately defined in trench TT 2 and TT 3 and ranged from two feet (TT 2) to 13 feet bgs (TT 3). However, additional vertical delineation of trench TT 1 was required.

On January 7, 2025, Etech returned to the Site to further investigate the vertical extent of impacted soil. Trench TT 1 was advanced an additional foot to a total depth of 14 feet bgs, and a delineation soil sample (TT 1 @ 14') was collected and submitted to the laboratory for analysis of TPH, BTEX, and chloride. Laboratory analytical results indicated that the vertical extent of impacted soil in trench TT 1 was adequately defined.

The locations of the test trenches and hand-augered soil borings are depicted in Figure 3, "Sample Location Map."

5.0 REMEDIATION ACTIVITIES SUMMARY

Requesting a remediation plan approval with this submission?	[X] Yes [ ] No
Have the lateral and vertical extents of contamination been fully delineated?	[X] Yes [ ] No
Was this release entirely contained within a lined containment area?	[ ] Yes [X] No
On what estimated date will (or did) the remediation commence?	1/9/2025
On what date will (or did) the final sampling or liner inspection occur?	4/30/2026
On what date will (or was) the remediation complete(d)?	9/18/2025
What is the total surface area (sq. ft.) in need of or that will *eventually* be reclaimed?	2,564
What is the total volume (cy) in need of or that will *eventually* be reclaimed?	380
What was the total surface area (sq. ft.) that has or will be remediated?	3,888
What was the total volume (cy) that has or will be remediated?	1,260
This remediation utilized the following processes to remediate/reduce contaminants:	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	[X] Yes [ ] No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	[ ] Yes [X] No
(In Situ) Soil Vapor Extraction	[ ] Yes [X] No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	[ ] Yes [X] No
(In Situ) Biological processing (i.e. Microbes/Fertilizer, etc.)	[ ] Yes [X] No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	[ ] Yes [X] No
Ground Water Abatement pursuant to 19.15.30 NMAC	[ ] Yes [X] No
Other (Non-listed remedial process)	[ ] Yes [X] No
Which OCD approved facility was or will be used for off-site disposal?	R360 Red Bluff Facility
NMOCD Disposal Facility ID?	Texas
Summarize any additional remediation activities not included by answers above.	See below

On January 9, 2025, Etech commenced remediation activities at the Site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the Closure Criteria and Reclamation Standards was excavated to the extent practicable 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 floor and sidewalls of the excavation were advanced until field tests and field observations suggested that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria and Reclamation Standards. Representative five-point composite confirmation soil samples were collected every 200 square feet from the floor and sidewalls of the excavated area to be submitted for laboratory analysis. A summary of soil sampling events is provided in the following table:

Constituent	Highest Observable Concentration (mg/kg)	Sample ID	Sample Date	Sample Depth (ft bgs)	Soil Status
Chloride	28,000	DEF 6 @ 1'	1/10/2025	1	Excavated
TPH	977	DEF 6 @ Sur	1/10/2025	0	Excavated
GRO+DRO	535	DEF 6 @ Sur	1/10/2025	0	Excavated
BTEX	<0.300	All submitted soil samples	Various. See Table 1.	0–8	Deferred, Excavated and/or In-Situ
Benzene	<0.050	All submitted soil samples	Various. See Table 1.	0–8	Deferred, Excavated and/or In-Situ

Please reference Table 1 for additional information.

On January 9 and 10, 2025, Etech advanced six test trenches (DEF 1 through DEF 6) within the margins of the release in an effort to characterize the affected area adjacent to and/or beneath on-site production equipment (e.g., tanks, electrical facilities, piping, appurtenances, etc.) requiring deferral of remediation (Deferral Area). During the advancement of the test trenches, soil samples were collected and field-screened for the presence of VOCs utilizing olfactory/visual senses and/or concentrations of chloride utilizing a chloride test kit. The trenches were advanced in one to two foot increments until field observations and field test data suggested that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria and Reclamation Standards.

Based on field observations and field test data, a total of 42 deferral characterization soil samples (DEF 1 @ Sur through DEF 1 @ 8', DEF 2 @ Sur through DEF 2 @ 18', DEF 3 @ Sur through DEF 3 @ 6', DEF 4 @ Sur through DEF 4 @ 4', DEF 5 @ Sur through DEF 5 @ 4', and DEF 6 @ Sur through DEF 6 @ 8') were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that the vertical extent of impacted soil was adequately defined in the Deferral Area and ranged from four feet bgs in trenches DEF 4 and DEF 5 to 18 feet bgs in trench DEF 2.

Etech also collected 25 confirmation soil samples (FL 1 @ 4' through FL 12 @ 4', NW 1, NW 2, EW 1 through EW 6, SW 1, SW 2, WW 1, WW 2, and WW 3) from the floor and sidewalls of the excavated area. The samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX and TPH concentrations were below the applicable Closure Criteria and Reclamation Standards in each of the submitted samples, with the exception of sample FL 11 @ 4', which exceeded the Closure Criterion for TPH. Chloride concentrations were below the Closure Criterion and Reclamation Standard in a majority of the submitted samples, with the exception of samples FL 8 @ 4', EW 6, and WW 2. Based on these laboratory analytical results, the excavation was subsequently further advanced in the areas characterized by samples FL 1 @ 4' through FL 7 @ 4', FL 9 @ 4' through FL 12 @ 4', EW 6, and WW 2.

On January 14, 2025, Etech collected 18 confirmation soil samples (FL 7 @ 8' and FL 9 @ 8' through FL 25 @ 4') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria and Reclamation Standards in each of the submitted soil samples.

On January 15, 2025, Etech collected six confirmation soil samples (FL 1 @ 6' through FL 6 @ 8') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria and Reclamation Standards in each of the submitted soil samples.

On January 17, 2025, Etech collected two confirmation soil samples (EW 6B and WW 2B) from the sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria and Reclamation Standards in each of the submitted soil samples.

On March 8, 2025, based on laboratory analytical results and field activities conducted to that point, a *Remediation Summary & Deferral Request* was submitted to the NMOCD requesting deferral of remediation in the Deferral Area. The deferral request was denied by the NMOCD on March 31, 2025, with the following explanation:

"This site is located in a high karst potential occurrence zone and OCD has recently reevaluated karst potential zones and will not approve deferrals in these areas as high karst may cause an imminent risk to groundwater. The operator may choose to have karst surveys performed, by a BLM approved karst/cave contractor, in order to determine if karst features are present at the site. A desktop survey, aerial/pedestrian survey, AND a geophysical survey must be performed. If no karst features are located during any of the surveys AND the geophysical survey shows no other indications of unstable ground, the closure criteria can be based on Table I Closure criteria found in 19.15.29 NMAC. Sites located on BLM or State Land Office (SLO) owned surface will need surface owner approval. A certified civil engineer will need to evaluate the soil type and provide the minimum distance the excavation(s) needs to be from the equipment and how deep the excavation(s) can be prior to requesting a deferral. This document must be stamped by the engineer. After the above are completed, if a deferral is still being requested, horizontal delineation points will need collected to the west of DEF1 and/or south of DEF6 to clearly demarcate deferral area...."

The complete text of the *Remediation Summary & Deferral Request* is available in the NMOCD Permitting system.

On April 23, 2025, in accordance with the NMOCD's conditions for deferral, a geophysical survey of the Site was conducted by a third-party environmental contractor. The results are summarized in Section 2.0 above, and the *Environmental Karst Study Report* is provided as Appendix G.

In June 2025, pursuant to NMOCD directives, Mewbourne Oil Company retained a licensed civil engineer (PE) to evaluate the soil type at the Site in order to determine safe excavation limits given the presence of the on-site production equipment. Among the findings listed in the "Excavation Analysis Parameters" section of the resulting *Excavation Guidance Document* (dated June 17, 2025), is the following: "There are two areas that were below production equipment at the time of the requested deferral. At the time of the engineering Site inspection, modifications of pipeline paths and equipment locations have been adjusted, exposing the two areas as identified in Figure 2." The engineering report goes on to conclude, “Based on the dimensions of the requested excavation and presence of adjacent structures, there is inadequate structure support to conduct excavation of the identified impacted soil in a manner that both protects personnel health and equipment stability with the exception of the two areas identified in Figure 2.” The stamped *Excavation Guidance Document* , including the referenced Figure 2, is provided as Appendix H.

On September 12, 2025, Etech revisited the Site. The two areas identified in Figure 2 of the *Excavation Guidance Document* were excavated to the extent practicable, and four composite confirmation soil samples (FL 26 @ 5', FL 27 @ 4', FL 28 @ 6', and FL 29 @ 6') were collected from the newly excavated areas. The composite subsamples were collected from both the floors and sidewalls of the excavated areas to ensure adequate spatial coverage and meet the minimum number of samples required based on the square footage. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria and Reclamation Standards in each of the submitted samples, with the exception of samples FL 28 @ 6' and FL 29 @ 6', which exceeded the Closure Criterion for TPH. Based on these laboratory analytical results, the excavation was subsequently further advanced in the areas characterized by samples FL 28 @ 6' and FL 29 @ 6'.

On September 12, 2025, in accordance with NMOCD requirements, Etech also advanced two test trenches (DEF 7 and DEF 8) at the Site to further delineate the extent of impacted soil in the Deferral Area. The test trenches were advanced adjacent to the lined containment area, at the closest points practicable to existing deferral characterization sample points DEF 1 and DEF 6. Trench DEF 7 was located approximately eight to 10 feet south-southwest of trench DEF 6. Trench DEF 8 was located approximately 25 feet south of trench DEF 7 and approximately 30 feet west of trench DEF 1. During the advancement of the trenches, soil samples were collected and field-screened for the presence of VOCs utilizing olfactory/visual senses and/or concentrations of chloride utilizing a chloride test kit. The trenches were advanced in one foot increments until field observations and field test data suggested that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria and Reclamation Standards.

Based on field observations and field test data, a total of 15 deferral characterization soil samples (DEF 7 @ Sur through DEF 7 @ 4' and DEF 8 @ Sur through DEF 8 @ 9') were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results confirmed that the extent of impacted soil in the Deferral Area had been adequately delineated and ranged from approximately three feet in trench DEF 7 to nine feet in trench DEF 8.

On September 17, 2025, Etech collected two confirmation soil samples (FL 28 @ 7' and FL 29 @ 7') from the floors and sidewalls of the excavated areas. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria and Reclamation Standards in each of the submitted samples.

On October 21, 2025, based on laboratory analytical results and field activities conducted to that point, an *Amended Remediation Summary & Deferral Request* was submitted to the NMOCD requesting deferral of remediation in the Deferral Area. On November 17, 2025, the deferral request was denied for the following reasons:

"1) This application has been rejected because the C-141 is incomplete. The submitted application indicates a conflict between the questions answered and the attachments that have been submitted. For example the answer 'Yes' was selected when requesting a remediation closure approval; however, your attachments indicate that your intent is to request a deferral approval. Please review the December 1, 2023 Public Notice titled 'Implementation of Digital C-141 and New Incident Statuses' found on the EMNRD website. Review your C-141 submission and submit a new C-141 answering the appropriate questions for your circumstance.

2) In the C-141 application under Site Characterization, to the question, 'What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs),' was answered, 'Between 26 and 50 (ft.).' Referring to the OCD Oil and Gas map, there are no water wells within a ½ mile of release. As contaminants were found at DEF 2 through 16' depth, a depth to groundwater boring will need to be drilled to determine the exact depth to groundwater at this location.
3) The deferral area still requires horizontal delineation as both of the newly requested delineation samples, DEF 7 and DEF 8, resulted in samples exceeding the Closure Criteria. These areas need to be included in the deferral area in the Figure 3 attached and horizontal delineation still needs achieved before a deferral can be approved.
4) Data for the following delineation samples NH 1, WH 1, EH 1 and SH 1 shown on Figure 3 should be included. This includes laboratory reports...."

The complete text of the *Amended Remediation Summary & Deferral Request* is available in the NMOCD Permitting system.

A review of environmental records in the NMOCD Permitting system suggested that test trenches DEF 7 and DEF 8 were advanced within the margins of an area that had been affected by a previous release. A review of the June 3, 2023, *Closure Request* for incident nAPP2305359369 indicated that remediation of impacted soil in the area characterized by sample points DEF 7 and DEF 8 had been deferred and that "final vertical and horizontal remediation and reclamation of the site will be in accordance with 19.15.29.12 and 19.15.29.13 NMAC once deconstruction of infrastructure occurs." The *Closure Request* and deferral were approved by the NMOCD on October 31, 2023. A "Remediation Map" extracted from the *Closure Request* is provided as Appendix J. The margins of the deferred area (Previously Deferred Area), as inferred from the map, are depicted in Figure 3.

On April 30, 2026, in accordance with NMOCD requirements, Etech returned to the Site and advanced three hand-augered soil borings (WH 2, WH 3, and WH 4) to further delineate the horizontal extent of impacted soil in the Deferral Area. The soil borings were advanced along the inferred margins of the Previously Deferred Area, and soil borings WH 2 and WH 3 were additionally advanced at the closest points practicable to existing sample points DEF 7 and DEF 8. The soil borings were advanced in one-foot increments to total depths of four feet bgs. During the advancement of the borings, soil samples were collected and field-screened for the presence of VOCs utilizing olfactory/visual senses and/or concentrations of chloride utilizing a chloride test kit.

Based on field observations and field test data, a total of 15 delineation soil samples (WH 2 @ Sur through WH 2 @ 4', WH 3 @ Sur through WH 3 @ 4', and WH 4 @ Sur through WH 4 @ 4') were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that the horizontal extent of impacted soil in the Deferral Area and Previously Deferred Area had been adequately delineated.

On May 5, 2026, in accordance with NMOCD directives (and as described in Section 2.0 above), an investigative soil boring was drilled nearby in an effort to determine if shallow groundwater is present in the area. The soil boring was advanced to a total depth of approximately 105 feet bgs and left open for over 72 hours. No indications of inflow and/or accumulation of water were noted during the advancement of the soil boring or prior to plugging and abandonment. A groundwater gauging event conducted on May 8, 2026, confirmed that the borehole was dry.

The additional deficiencies and discrepancies identified by the NMOCD during its review of the Amended Deferral Request are addressed in this submittal.

The final dimensions of the excavated area were 205 feet in length, six to 34 feet in width, and four to eight feet in depth. During the course of remediation activities, Etech transported approximately 1,260 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 1,300 cubic yards of locally sourced, non-impacted material to the Site for use as backfill.

The locations of the soil sample locations, as well as the extents of the excavated areas and the Deferral Area, are depicted in Figure 3, "Sample Location Map". Soil chemistry data is summarized in Table 1. Field data and a soil profile log are provided in Appendix D. General photographs of the Site are provided in Appendix E. Laboratory analytical reports are provided in Appendix F. Copies of all regulatory correspondence are provided in Appendix I.

6.0 DEFERRAL REQUEST

Requesting a deferral of remediation closure due date with the approval of this submission?	[X] Yes [ ] No
Requesting a remediation closure approval with this submission?	[ ] Yes [X] No
Have the lateral and vertical extents of contamination been fully delineated?	[X] Yes [ ] No
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction?	[X] Yes [ ] No
What is the remaining surface area (sq. ft.) that will still need to be remediated if a deferral is granted?	2,564
What is the remaining volume (cy) that will still need to be remediated if a deferral is granted?	733
Enter the facility ID (f#) on which the deferral should be granted:	fAPP2125650971
Enter the API (30-) on which the deferral should be granted:	N/A
Contamination does not cause an imminent risk to human heath, the environmental or groundwater:	TRUE

Remediation activities were conducted in accordance with NMOCD regulatory guidelines and/or communicated directives. Impacted soil affected above the Closure Criteria and Reclamation Standards was excavated to the extent practicable and transported to an NMOCD-approved disposal facility. Laboratory analytical results from confirmation soil samples indicate that in-situ concentrations of benzene and total BTEX are below the applicable Closure Criteria and Reclamation Standards. Remediation of impacted soil affected above the Closure Criteria remaining in-situ in the Deferral Area will be completed upon decommissioning and abandonment of the facility, in accordance with Sections 19.15.29.12 and 19.15.29.13 NMAC.

7.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste containing earthen material with concentrations of less than 600 mg/kg chloride, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg benzene?	[X] Yes [ ] No
Requesting a reclamation approval with this submission?	[ ] Yes [X] No
Requesting a restoration complete approval with this submission?	[ ] Yes [X] No
What was the total surface area (in square feet) reclaimed?	3,888
What was the total volume (in cubic yards) reclaimed?	576

Upon receiving laboratory analytical results from confirmation soil samples, excavated areas were backfilled with locally sourced, non-impacted "like" material placed at or near original relative positions. 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 and containment area of an active tank battery and did not impact the adjacent pasture. Final reclamation and restoration will be conducted upon decommissioning and abandonment of the facility. The reclaimed area will be revegetated with an agency and/or landowner-approved seed mix, which has been certified to be free of 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.

8.0 LIMITATIONS

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

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

9.0 DISTRIBUTION

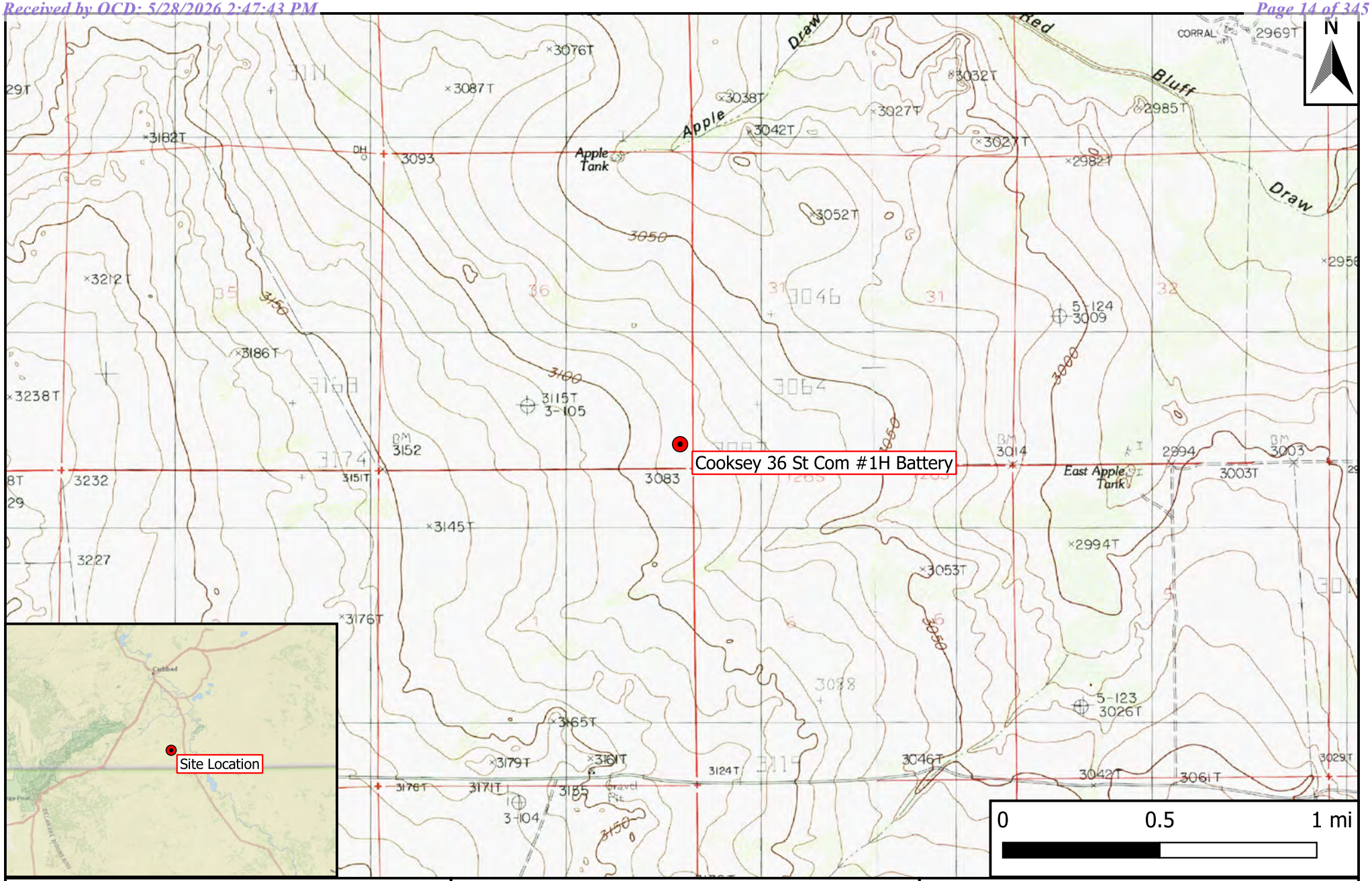
Mewbourne Oil Company
4801 Business Park Blvd.
Hobbs, NM 88240

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

Hobbs Field Office
New Mexico State Land Office
2827 North Dal Paso Street
Suite 117
Hobbs, NM 88240

(Electronic Submission)

Figure 1
Site Location Map



Legend

- Site Location

Figure 1
Site Location Map
Mewbourne Oil Company
Cooksey 36 St Com #1H Battery
GPS: 32.07997, -104.13602
Eddy County, New Mexico

eTECH Environmental & Safety Solutions, Inc.

Revised: bja Checked: rlc Date: 2/14/25

Figures 2A & 2B
Site Characterization Maps

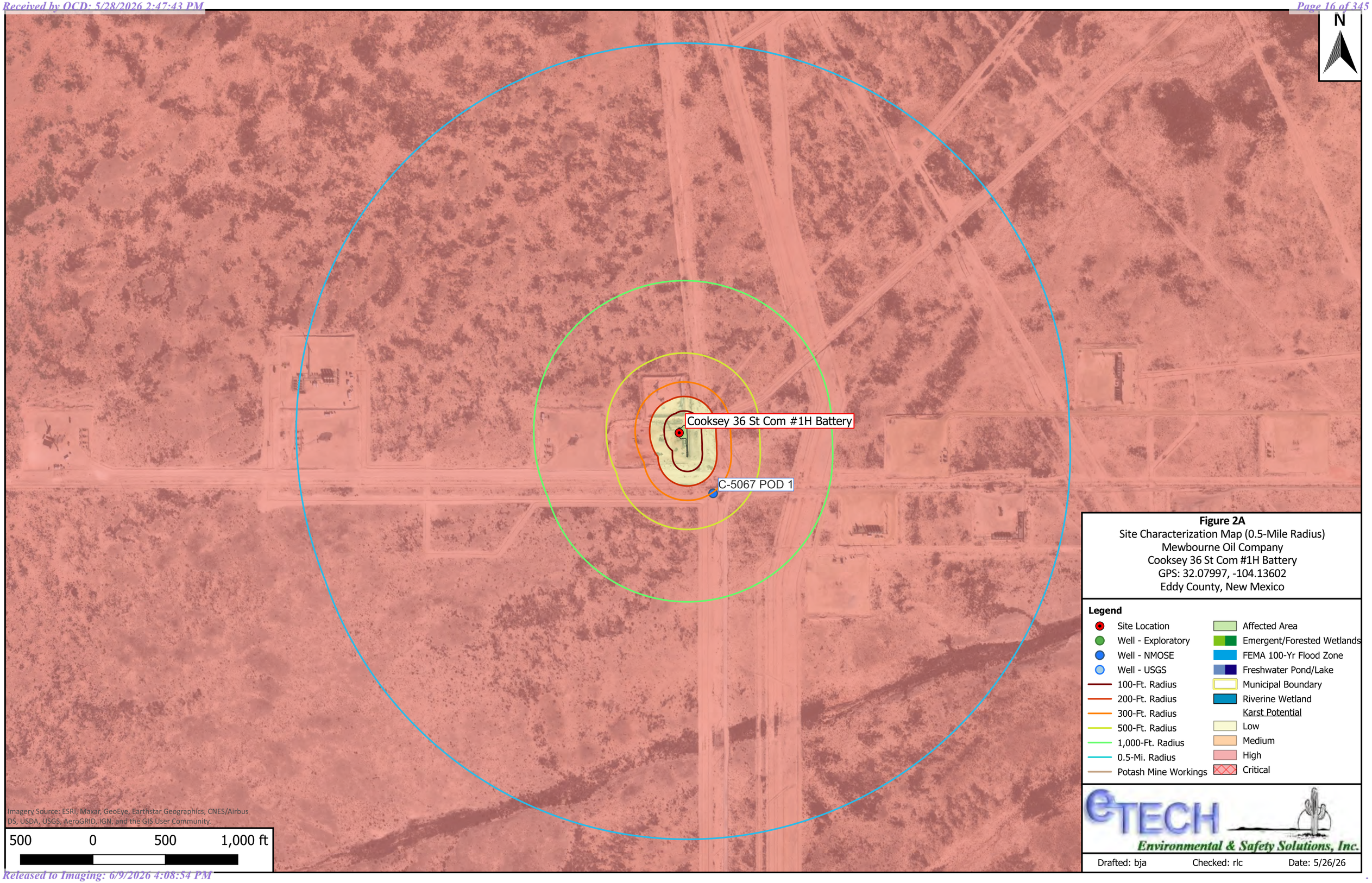


Figure 2A
Site Characterization Map (0.5-Mile Radius)
Mewbourne Oil Company
Cooksey 36 St Com #1H Battery
GPS: 32.07997, -104.13602
Eddy County, New Mexico

Legend

- Site Location
- Well - Exploratory
- Well - NMOSE
- Well - USGS
- 100-Ft. Radius
- 200-Ft. Radius
- 300-Ft. Radius
- 500-Ft. Radius
- 1,000-Ft. Radius
- 0.5-Mi. Radius
- Potash Mine Workings
- Affected Area
- Emergent/Forested Wetlands
- FEMA 100-Yr Flood Zone
- Freshwater Pond/Lake
- Municipal Boundary
- Riverine Wetland

Karst Potential

- Low
- Medium
- High
- Critical

eTECH Environmental & Safety Solutions, Inc.

Drafted: bja Checked: rlc Date: 5/26/26

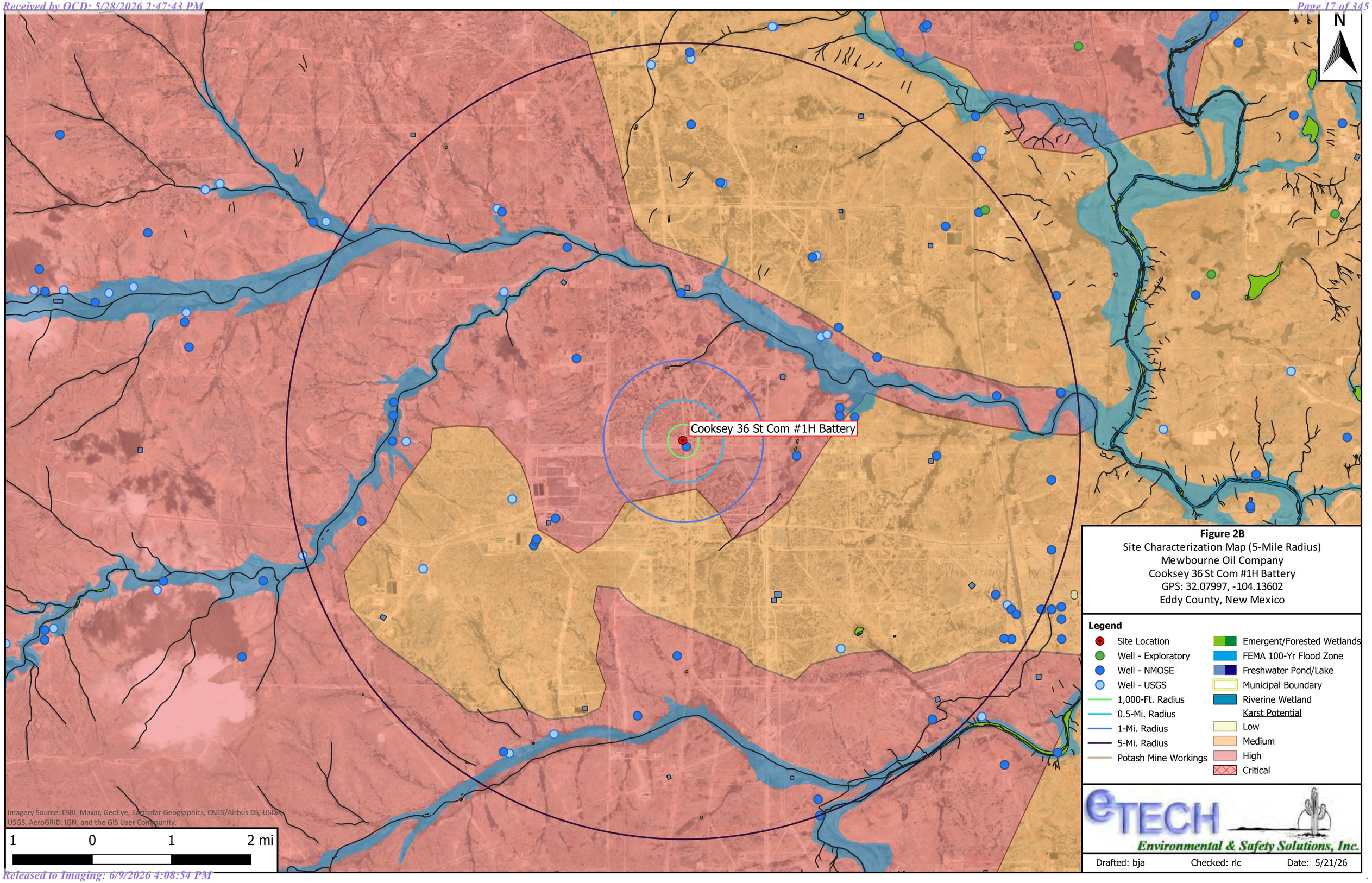


Figure 2B
Site Characterization Map (5-Mile Radius)
Mewbourne Oil Company
Cooksey 36 St Com #1H Battery
GPS: 32.07997, -104.13602
Eddy County, New Mexico

Legend

- Site Location
- Well - Exploratory
- Well - NMOSE
- Well - USGS
- 1,000-Ft. Radius
- 0.5-Mi. Radius
- 1-Mi. Radius
- 5-Mi. Radius
- Potash Mine Workings
- Emergent/Forested Wetlands
- FEMA 100-Yr Flood Zone
- Freshwater Pond/Lake
- Municipal Boundary
- Riverine Wetland

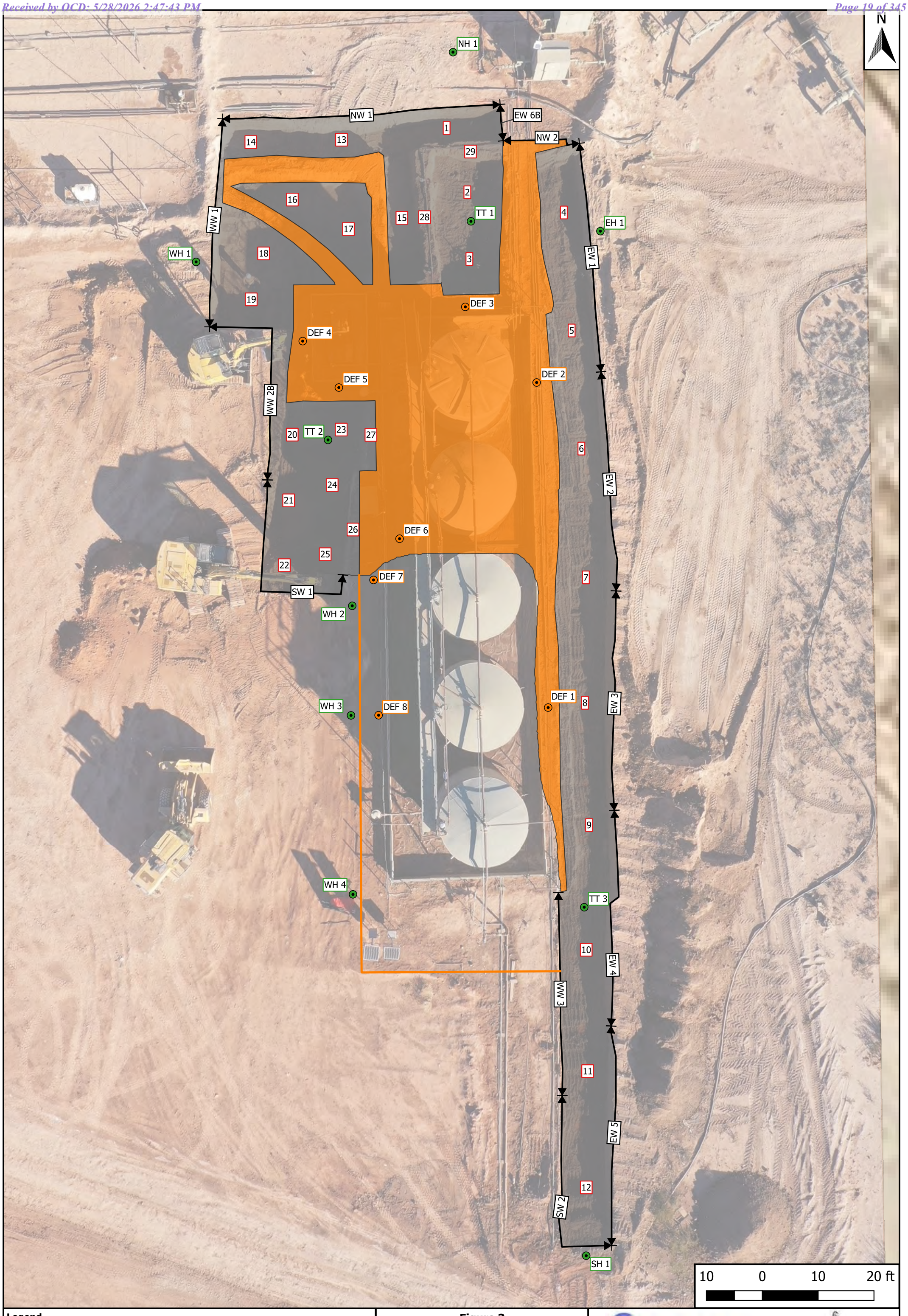
Karst Potential

- Low
- Medium
- High
- Critical

eTECH Environmental & Safety Solutions, Inc.

Drafted: bja Checked: rlc Date: 5/21/26

Figure 3
Sample Location Map



Legend

- Deferral Area (~2,564 ft²)
- Excavated Area (~3,888 ft²)
- Previously Deferred Area (Inferred)
- Composite Floor Sample
- Composite Wall Sample
- Delineation Sample Point
- Deferral Characterization Sample Point

Figure 3
Sample Location Map
Mewbourne Oil Company
Cooksey 36 St Com #1H Battery
GPS: 32.07997, -104.13602
Eddy County, New Mexico

eTECH Environmental & Safety Solutions, Inc.

Drafted: bja | Checked: rlc | Date: 5/27/26

Table 1
Concentrations of BTEX, TPH & Chloride in Soil

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
Mewbourne Oil Company
Cooksey 36 St Com #1H Battery
NMOCD Ref. #: nAPP2435536568

NMOCD Closure Criteria					**10**	**50**	**N/A**	**N/A**	**1,000**	**N/A**	**2,500**	**20,000**
NMOCD Reclamation Standard					**10**	**50**	**N/A**	**N/A**	**N/A**	**N/A**	**100**	**600**
					SW 846 8021B		**SW 846 8015M Ext.**					**4500 Cl**
Sample ID	**Date**	**Depth (Feet)**	**Type**	**Soil Status**	**Benzene (mg/kg)**	**BTEX (mg/kg)**	**GRO C_6-C_{10} (mg/kg)**	**DRO C_{10}-C_{28} (mg/kg)**	**GRO + DRO C_6-C_{28} (mg/kg)**	**ORO C_{28}-C_{36} (mg/kg)**	**TPH C_6-C_{36} (mg/kg)**	**Chloride (mg/kg)**
NH @ Sur	12/31/2024	0	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
NH @ 1'	12/31/2024	1	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
EH @ Sur	12/31/2024	0	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
EH @ 1'	12/31/2024	1	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
SH @ Sur	12/31/2024	0	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
SH @ 1'	12/31/2024	1	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
WH @ Sur	12/31/2024	0	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
WH @ 1'	12/31/2024	1	D	In-Situ	<0.050	<0.300	<10.0	13.1	13.1	<10.0	13.1	368
TT 1 @ SUR	12/31/2024	0	D	Excavated	<0.050	2.51	169	14,300	**14,500**	4,000	**18,500**	**21,600**
TT 1 @ 1'	12/31/2024	1	D	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,490
TT 1 @ 2'	12/31/2024	2	D	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,920
TT 1 @ 3'	12/31/2024	3	D	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,970
TT 1 @ 4'	12/31/2024	4	D	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,440
TT 1 @ 6'	12/31/2024	6	D	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,480
TT 1 @ 8'	12/31/2024	8	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,680
TT 1 @ 10'	12/31/2024	10	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,720
TT 1 @ 12'	12/31/2024	12	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,480
TT 1 @ 13'	12/31/2024	13	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,150
TT 1 @ 14'	1/7/2025	14	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
TT 2 @ SUR	12/31/2024	0	D	Excavated	<0.050	0.783	38.7	6,670	**6,710**	1,270	**7,980**	6,320
TT 2 @ 1'	12/31/2024	1	D	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,420
TT 2 @ 2'	12/31/2024	2	D	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496
TT 2 @ 3'	12/31/2024	3	D	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
TT 3 @ SUR	12/31/2024	0	D	Excavated	0.436	8.74	59.3	2,980	**3,040**	666	**3,710**	**40,800**
TT 3 @ 1'	12/31/2024	1	D	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,280
TT 3 @ 2'	12/31/2024	2	D	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,680
TT 3 @ 3'	12/31/2024	3	D	Excavated	<0.050	<0.300	<10.0	12.0	12.0	<10.0	12.0	10,200
TT 3 @ 4'	12/31/2024	4	D	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,120
TT 3 @ 6'	12/31/2024	6	D	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,960
TT 3 @ 8'	12/31/2024	8	D	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,400
TT 3 @ 10'	12/31/2024	10	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,440
TT 3 @ 12'	12/31/2024	12	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	576
TT 3 @ 13'	12/31/2024	13	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 1 @ 4'	1/9/2025	4	C	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,600
FL 1 @ 6'	1/15/2025	6	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 2 @ 4'	1/9/2025	4	C	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,320
FL 2 @ 6'	1/15/2025	6	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 3 @ 4'	1/9/2025	4	C	Excavated	<0.050	<0.300	<10.0	13.2	13.2	<10.0	13.2	9,200
FL 3 @ 6'	1/15/2025	6	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 4 @ 4'	1/9/2025	4	C	Excavated	<0.050	<0.300	<10.0	71.2	71.2	<10.0	71.2	7,600
FL 4 @ 8'	1/15/2025	8	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0

Dash (-): Sample not analyzed for that constituent.
Bold: NMOCD Closure Criteria exceedance.
Red: NMOCD Reclamation Standard exceedance.
Red Border with Shading: Highest observed concentration.

A - Assessment F - Backfill
B - Background X - Deferral
C - Confirmation O - Other
D - Delineation

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
Mewbourne Oil Company
Cooksey 36 St Com #1H Battery
NMOCD Ref. #: nAPP2435536568

NMOCD Closure Criteria					**10**	**50**	**N/A**	**N/A**	**1,000**	**N/A**	**2,500**	**20,000**
NMOCD Reclamation Standard					**10**	**50**	**N/A**	**N/A**	**N/A**	**N/A**	**100**	**600**
					SW 846 8021B		**SW 846 8015M Ext.**					**4500 Cl**
Sample ID	**Date**	**Depth (Feet)**	**Type**	**Soil Status**	**Benzene (mg/kg)**	**BTEX (mg/kg)**	**GRO C_6-C_{10} (mg/kg)**	**DRO C_{10}-C_{28} (mg/kg)**	**GRO + DRO C_6-C_{28} (mg/kg)**	**ORO C_{28}-C_{36} (mg/kg)**	**TPH C_6-C_{36} (mg/kg)**	**Chloride (mg/kg)**
FL 5 @ 4'	1/9/2025	4	C	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,680
FL 5 @ 8'	1/15/2025	8	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 6 @ 4'	1/9/2025	4	C	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,100
FL 6 @ 8'	1/15/2025	8	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 7 @ 4'	1/9/2025	4	C	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	928
FL 7 @ 8'	1/14/2025	8	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 8 @ 4'	1/9/2025	4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 9 @ 4'	1/9/2025	4	C	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,900
FL 9 @ 8'	1/14/2025	8	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 10 @ 4'	1/9/2025	4	C	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,120
FL 10 @ 8'	1/14/2025	8	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 11 @ 4'	1/9/2025	4	C	Excavated	<0.050	<0.300	<10.0	86.1	86.1	23.7	110	4,320
FL 11 @ 8'	1/14/2025	8	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 12 @ 4'	1/9/2025	4	C	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,760
FL 12 @ 8'	1/14/2025	8	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 13 @ 4'	1/14/2025	4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496
FL 14 @ 4'	1/14/2025	4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
FL 15 @ 4'	1/14/2025	4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
FL 16 @ 4'	1/14/2025	4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
FL 17 @ 4'	1/14/2025	4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
FL 18 @ 4'	1/14/2025	4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
FL 19 @ 4'	1/14/2025	4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
FL 20 @ 4'	1/14/2025	4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496
FL 21 @ 4'	1/14/2025	4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	576
FL 22 @ 4'	1/14/2025	4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	544
FL 23 @ 4'	1/14/2025	4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	544
FL 24 @ 4'	1/14/2025	4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
FL 25 @ 4'	1/14/2025	4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
FL 26 @ 5'	9/12/2025	5	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 27 @ 4'	9/12/2025	4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 28 @ 6'	9/12/2025	6	C	Excavated	<0.050	<0.300	<10.0	159	159	151	310	144
FL 28 @ 7'	9/17/2025	7	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 29 @ 6'	9/12/2025	6	C	Excavated	<0.050	<0.300	<10.0	94.6	94.6	83.4	178	144
FL 29 @ 7'	9/17/2025	7	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
NW 1	1/10/2025	0-4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
NW 2	1/10/2025	0-6	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	560
EW 1	1/9/2025	0-8	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
EW 2	1/9/2025	0-8	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
EW 3	1/9/2025	0-8	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
EW 4	1/9/2025	0-8	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
EW 5	1/9/2025	0-8	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192

Dash (-): Sample not analyzed for that constituent.
Bold: NMOCD Closure Criteria exceedance.
Red: NMOCD Reclamation Standard exceedance.
Red Border with Shading: Highest observed concentration.

A - Assessment
B - Background
C - Confirmation
D - Delineation
F - Backfill
X - Deferral
O - Other

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
Mewbourne Oil Company
Cooksey 36 St Com #1H Battery
NMOCD Ref. #: nAPP2435536568

NMOCD Closure Criteria					**10**	**50**	**N/A**	**N/A**	**1,000**	**N/A**	**2,500**	**20,000**
NMOCD Reclamation Standard					**10**	**50**	**N/A**	**N/A**	**N/A**	**N/A**	**100**	**600**
					SW 846 8021B		**SW 846 8015M Ext.**					**4500 Cl**
Sample ID	**Date**	**Depth (Feet)**	**Type**	**Soil Status**	**Benzene (mg/kg)**	**BTEX (mg/kg)**	**GRO C_6-C_{10} (mg/kg)**	**DRO C_{10}-C_{28} (mg/kg)**	**GRO + DRO C_6-C_{28} (mg/kg)**	**ORO C_{28}-C_{36} (mg/kg)**	**TPH C_6-C_{36} (mg/kg)**	**Chloride (mg/kg)**
EW 6	1/10/2025	0-8	C	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	640
EW 6B	1/17/2025	0-8	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
SW 1	1/10/2025	0-4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	560
SW 2	1/10/2025	0-8	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
WW 1	1/10/2025	0-4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
WW 2	1/10/2025	0-4	C	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	720
WW 2B	1/17/2025	0-4	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
WW 3	1/10/2025	0-8	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
DEF 1 @ Sur	1/9/2025	0	X	Deferred	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,570
DEF 1 @ 1'	1/9/2025	1	X	Deferred	<0.050	<0.300	<10.0	40.3	40.3	13.4	53.7	9,760
DEF 1 @ 2'	1/9/2025	2	X	Deferred	<0.050	<0.300	<10.0	23.3	23.3	<10.0	23.3	9,520
DEF 1 @ 3'	1/9/2025	3	X	Deferred	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,680
DEF 1 @ 4'	1/9/2025	4	X	In-Situ	<0.050	<0.300	<10.0	31.2	31.2	<10.0	31.2	8,640
DEF 1 @ 6'	1/9/2025	6	X	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,260
DEF 1 @ 8'	1/9/2025	8	X	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
DEF 2 @ Sur	1/9/2025	0	X	Deferred	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,330
DEF 2 @ 1'	1/9/2025	1	X	Deferred	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,800
DEF 2 @ 2'	1/9/2025	2	X	Deferred	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,040
DEF 2 @ 3'	1/9/2025	3	X	Deferred	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,400
DEF 2 @ 4'	1/9/2025	4	X	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,760
DEF 2 @ 6'	1/9/2025	6	X	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,400
DEF 2 @ 8'	1/9/2025	8	X	In-Situ	<0.050	<0.300	<10.0	59.0	59.0	<10.0	59.0	7,520
DEF 2 @ 10'	1/9/2025	10	X	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,720
DEF 2 @ 12'	1/9/2025	12	X	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,560
DEF 2 @ 14'	1/9/2025	14	X	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,840
DEF 2 @ 16'	1/9/2025	16	X	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,480
DEF 2 @ 18'	1/9/2025	18	X	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
DEF 3 @ Sur	1/10/2025	0	X	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
DEF 3 @ 1'	1/10/2025	1	X	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
DEF 3 @ 2'	1/10/2025	2	X	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
DEF 3 @ 3'	1/10/2025	3	X	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
DEF 3 @ 4'	1/10/2025	4	X	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
DEF 3 @ 6'	1/10/2025	6	X	In-Situ	<0.050	<0.300	<10.0	25.2	25.2	<10.0	25.2	528
DEF 4 @ Sur	1/10/2025	0	X	Deferred	<0.050	<0.300	<10.0	55.0	55.0	17.5	72.5	11,600
DEF 4 @ 1'	1/10/2025	1	X	Deferred	<0.050	<0.300	<10.0	59.7	59.7	21.2	80.9	8,400
DEF 4 @ 2'	1/10/2025	2	X	Deferred	<0.050	<0.300	<10.0	31.8	31.8	11.5	43.3	8,600
DEF 4 @ 3'	1/10/2025	3	X	Deferred	<0.050	<0.300	<10.0	12.7	12.7	<10.0	12.7	6,260
DEF 4 @ 4'	1/10/2025	4	X	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
DEF 5 @ Sur	1/10/2025	0	X	Deferred	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,640
DEF 5 @ 1'	1/10/2025	1	X	Deferred	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,760

Dash (-): Sample not analyzed for that constituent.
Bold: NMOCD Closure Criteria exceedance.
Red: NMOCD Reclamation Standard exceedance.
Red Border with Shading: Highest observed concentration.

A - Assessment
B - Background
C - Confirmation
D - Delineation
F - Backfill
X - Deferral
O - Other

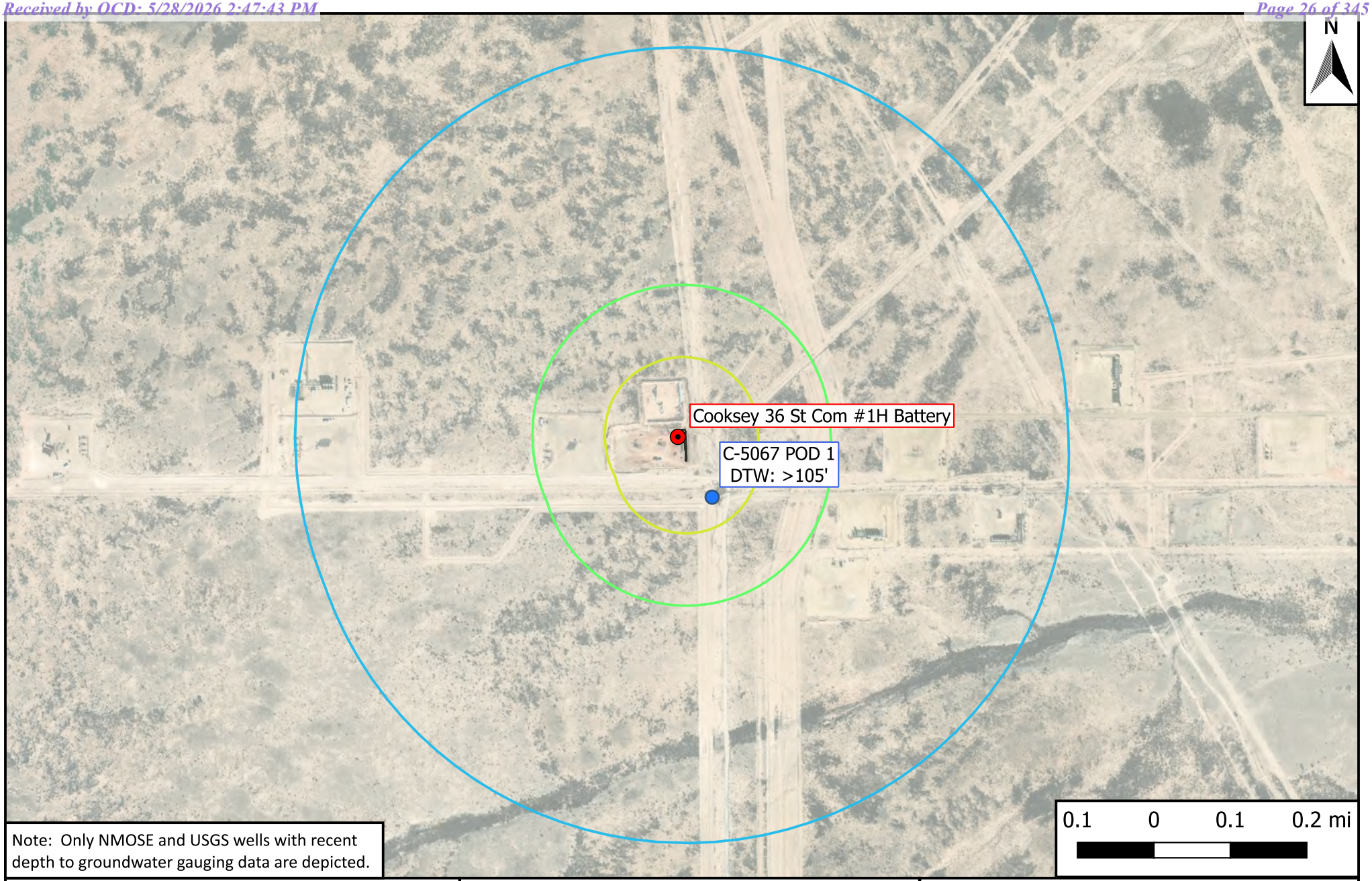
Table 1
Concentrations of BTEX, TPH & Chloride in Soil
Mewbourne Oil Company
Cooksey 36 St Com #1H Battery
NMOCD Ref. #: nAPP2435536568

NMOCD Closure Criteria					**10**	**50**	**N/A**	**N/A**	**1,000**	**N/A**	**2,500**	**20,000**
NMOCD Reclamation Standard					**10**	**50**	**N/A**	**N/A**	**N/A**	**N/A**	**100**	**600**
					SW 846 8021B		**SW 846 8015M Ext.**					**4500 Cl**
Sample ID	**Date**	**Depth (Feet)**	**Type**	**Soil Status**	**Benzene (mg/kg)**	**BTEX (mg/kg)**	**GRO C_6-C_{10} (mg/kg)**	**DRO C_{10}-C_{28} (mg/kg)**	**GRO + DRO C_6-C_{28} (mg/kg)**	**ORO C_{28}-C_{36} (mg/kg)**	**TPH C_6-C_{36} (mg/kg)**	**Chloride (mg/kg)**
DEF 5 @ 2'	1/10/2025	2	X	Deferred	<0.050	<0.300	<10.0	44.4	44.4	<10.0	44.4	8,930
DEF 5 @ 3'	1/10/2025	3	X	Deferred	<0.050	<0.300	<10.0	70.2	70.2	18.0	88.2	7,460
DEF 5 @ 4'	1/10/2025	4	X	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
DEF 6 @ Sur	1/10/2025	0	X	Deferred	<0.050	<0.300	<50.0	535	535	442	977	**24,800**
DEF 6 @ 1'	1/10/2025	1	X	Deferred	<0.050	<0.300	<10.0	390	390	269	659	**28,000**
DEF 6 @ 2'	1/10/2025	2	X	Deferred	<0.050	<0.300	<10.0	320	320	253	573	**25,600**
DEF 6 @ 3'	1/10/2025	3	X	Deferred	<0.050	<0.300	<10.0	249	249	212	461	18,800
DEF 6 @ 4'	1/10/2025	4	X	In-Situ	<0.050	<0.300	<10.0	288	288	265	553	19,200
DEF 6 @ 6'	1/10/2025	6	X	In-Situ	<0.050	<0.300	<10.0	172	172	151	323	6,480
DEF 6 @ 8'	1/10/2025	8	X	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	544
DEF 7 @ Sur	9/12/2025	0	X	Deferred	<0.050	<0.300	<10.0	31.8	31.8	<10.0	31.8	2,640
DEF 7 @ 1'	9/12/2025	1	X	Deferred	<0.050	<0.300	<10.0	83.5	83.5	26.5	110	3,160
DEF 7 @ 2'	9/12/2025	2	X	Deferred	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,280
DEF 7 @ 3'	9/12/2025	3	X	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
DEF 7 @ 4'	9/12/2025	4	X	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
DEF 8 @ Sur	9/12/2025	0	X	Deferred	<0.050	<0.300	<10.0	650	650	260	910	1,120
DEF 8 @ 1'	9/12/2025	1	X	Deferred	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,760
DEF 8 @ 2'	9/12/2025	2	X	Deferred	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,000
DEF 8 @ 3'	9/12/2025	3	X	Deferred	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,680
DEF 8 @ 4'	9/12/2025	4	X	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,640
DEF 8 @ 5'	9/12/2025	5	X	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,280
DEF 8 @ 6'	9/12/2025	6	X	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,010
DEF 8 @ 7'	9/12/2025	7	X	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,250
DEF 8 @ 8'	9/12/2025	8	X	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	992
DEF 8 @ 9'	9/12/2025	9	X	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
WH 2 @ Sur	4/30/2026	0	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WH 2 @ 1'	4/30/2026	1	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WH 2 @ 2'	4/30/2026	2	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WH 2 @ 3'	4/30/2026	3	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WH 2 @ 4'	4/30/2026	4	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WH 3 @ Sur	4/30/2026	0	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WH 3 @ 1'	4/30/2026	1	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WH 3 @ 2'	4/30/2026	2	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WH 3 @ 3'	4/30/2026	3	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WH 3 @ 4'	4/30/2026	4	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WH 4 @ Sur	4/30/2026	0	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WH 4 @ 1'	4/30/2026	1	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WH 4 @ 2'	4/30/2026	2	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
WH 4 @ 3'	4/30/2026	3	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WH 4 @ 4'	4/30/2026	4	D	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0

Dash (-): Sample not analyzed for that constituent.
Bold: NMOCD Closure Criteria exceedance.
Red: NMOCD Reclamation Standard exceedance.
Red Border with Shading: Highest observed concentration.

A - Assessment
B - Background
C - Confirmation
D - Delineation
F - Backfill
X - Deferral
O - Other

Appendix A
Depth to Groundwater Information



Note: Only NMOSE and USGS wells with recent depth to groundwater gauging data are depicted.

Legend

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

Figure 4
Inferred Depth to Groundwater Map
Mewbourne Oil Company
Cooksey 36 St Com #1H Battery
GPS: 32.07997,-104.13602
Eddy County, New Mexico

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: rlc Date: 5-21-2026

Environmental & Safety Solutions, Inc.

Soil Boring/Temporary Monitor Well POD 1

Company: Mewbourne Oil Company	**Well/Borehole ID:** POD 1	**Drilling Company:** H&R Enterprises, LLC
Site: Cooksey 36 St Com #1H Battery	**Coordinates (NAD 83):** 32.078819,-104.135267	**Driller:** Jim Hawley
NMOCD Reference #: nAPP2435536568	**Drilling Date:** 5/5/2026	**Drilling Method:** Air Rotary
County: Eddy Co., NM	**Depth of Boring (ft):** 105	**Logged By:** Jim Hawley
PLSS: Unit "P", Sec. 19, T24S, R27E	**Depth to Groundwater (ft):** >105	**Drafted By:** Ben J. Arguijo
	Plugging Date: 5/8/2026	**Draft Date:** 5/22/2026
Completion: N/A	**Casing:** 2" PVC	**Screen:** 0.020" Slotted

Comments: **Dry hole** The borehole was advanced approximately 370 ft southeast of the Cooksey 36 St Com #1H tank battery containment.

Depth (ft)	Groundwater	Lithology	Material Description	Petroleum Odor	Petroleum Stain	PID Reading
0						
0			Sand	N	N	-
5			Sandy Clay	N	N	-
10				N	N	-
15				N	N	-
20			Clay, Gypsum	N	N	-
25				N	N	-
30				N	N	-
35				N	N	-
40				N	N	-
45			Gypsum	N	N	-
50				N	N	-
55				N	N	-
60				N	N	-
65				N	N	-
70				N	N	-
75			Clay, Gypsum	N	N	-
80				N	N	-
85			Gypsum	N	N	-
90			Clay, Gypsum	N	N	-
95			Red Clay	N	N	-
100				N	N	-
105			Notes: • Lines between material types represent approximate boundaries. Actual transitions may be gradual. • The exploratory soil boring was left open for over 72 hours. No indications of inflow and/or accumulation of water were noted during the advancement of the soil boring or prior to plugging and abandonment.			
110						
115						

Well Construction: Open Hole, No Annular Fill

Disclaimer This bore log is intended for environmental not geotechnical purposes.

Produced by EEG Log 2 Journal on 22 May 2026

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
Pod 1		C-5067

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Mewbourne Oil Co.	

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
4801 Business Park BLVD	Hobbs	NM	88242

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	4	43.75	N
	LONGITUDE	104	8	6.96	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

S1 T26s R27e

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1862	James Hawley	H&R Enterprises, LLC

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
5-5-26	5-5-26	105'	105'	N/A

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: 5-8-26

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0'	105'	6'	No casing left in hole				

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
			N/A		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0'	5'	5'	Sand	Y ✓ N	
5'	20'	15'	Sandy Clay	Y ✓ N	
20'	45'	25'	Clay, Gypsum	Y ✓ N	
45'	75'	30'	Gypsum	Y ✓ N	
75'	85'	10'	Clay, Gypsum	Y ✓ N	
85'	90'	5'	Gypsum	Y ✓ N	
90'	95'	5'	Clay, Gypsum	Y ✓ N	
95'	105'	10'	Red Clay	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☑ OTHER – SPECIFY: DTGW Bore

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST: TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: Depth to groundwater bore was gauged for water on 5-8-26 at the Mewbourne Cooksey ROW remediation site. DTGW bore was dry. Temporary well casing was removed, bore hole was backfilled with drill cuttings to 10' BGS. Hydrated bentonite hole plug was poured from 10' BGS to surface.

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Nathan Smelcer

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

James Hawley — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

5-8-26 — DATE

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2

PLUGGING RECORD

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

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-5067 Pod 1

Well owner: Mewbourne Oil Co. Phone No.: (806) 202-8358

Mailing address: 4801 Business Park BLVD

City: Hobbs State: NM Zip code: 88242

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: H&R Enterprises, LLC

2) New Mexico Well Driller License No.: WD-1862 Expiration Date: 6/16/27

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Nathan Smelcer

4) Date well plugging began: 5-8-26 Date well plugging concluded: 5-8-26

5) GPS Well Location: Latitude: 32 deg, 04 min, 43.75 sec
Longitude: 104 deg, 08 min, 06.96 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 105 ft below ground level (bgl), by the following manner: well sounder

7) Static water level measured at initiation of plugging: N/A ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 3/27/26

9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

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

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	0' - 10' Hydrated Bentonite	Approx. 15 gallons	15 gallons	pour	
	10' - 105' Drill Cuttings	Approx. 140 gallons	140 Gallons	pour	

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

I, James Hawley, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Signature of Well Driller

5/8/26
Date

Version: September 8, 2009
Page 2 of 2

Appendix B
Soil Survey Information

Soil Map—Eddy Area, New Mexico
(Cooksey 36 St Com #1H Battery)



Map Scale: 1:306 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 4 9 18 27

Feet: 0 10 20 40 60

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

Released to Imaging: 6/9/2026 4:08:54 PM

Received by OCD: 5/28/2026 2:47:43 PM

Soil Map—Eddy Area, New Mexico
(Cooksey 36 St Com #1H Battery)

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 21, Sep 9, 2025

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Nov 12, 2022—Dec 2, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Released to Imaging: 6/9/2026 4:08:54 PM

Received by OCD: 5/28/2026 2:47:43 PM

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
RM	Reeves-Reagan loams, 0 to 3 percent slopes	0.3	100.0%
Totals for Area of Interest		**0.3**	**100.0%**

Released to Imaging: 6/9/2026 4:08:54 PM

Received by OCD: 5/28/2026 2:47:43 PM

Eddy Area, New Mexico

RM—Reeves-Reagan loams, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w5g
Elevation: 1,100 to 4,400 feet
Mean annual precipitation: 7 to 25 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 200 to 240 days
Farmland classification: Not prime farmland

Map Unit Composition

Reeves and similar soils: 50 percent
Reagan and similar soils: 35 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Reeves

Setting

Landform: Hills, plains, ridges
Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope
Landform position (three-dimensional): Side slope, head slope, nose slope, crest
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Residuum weathered from gypsum

Typical profile

H1 - 0 to 8 inches: loam
H2 - 8 to 32 inches: clay loam
H3 - 32 to 60 inches: gypsiferous material

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 25 percent
Gypsum, maximum content: 80 percent
Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water supply, 0 to 60 inches: Low (about 4.3 inches)

Released to Imaging: 6/9/2026 4:08:54 PM

Received by OCD: 5/28/2026 2:47:43 PM

Interpretive groups

Land capability classification (irrigated): 3s
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: B
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Description of Reagan

Setting

Landform: Alluvial fans, fan remnants
Landform position (three-dimensional): Rise
Down-slope shape: Linear, convex
Across-slope shape: Linear
Parent material: Alluvium and/or eolian deposits

Typical profile

H1 - 0 to 8 inches: loam
H2 - 8 to 30 inches: loam
H3 - 30 to 82 inches: clay loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 50 percent
Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum: 15.0
Available water supply, 0 to 60 inches: Moderate (about 8.2 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: B
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Minor Components

Cottonwood

Percent of map unit: 5 percent
Ecological site: R070BB006NM - Gyp Upland
Hydric soil rating: No

Gypsum land

Percent of map unit: 5 percent

Released to Imaging: 6/9/2026 4:08:54 PM

Received by OCD: 5/28/2026 2:47:43 PM

Hydric soil rating: No

Upton

Percent of map unit: 5 percent
Ecological site: R070BC025NM - Shallow
Hydric soil rating: No

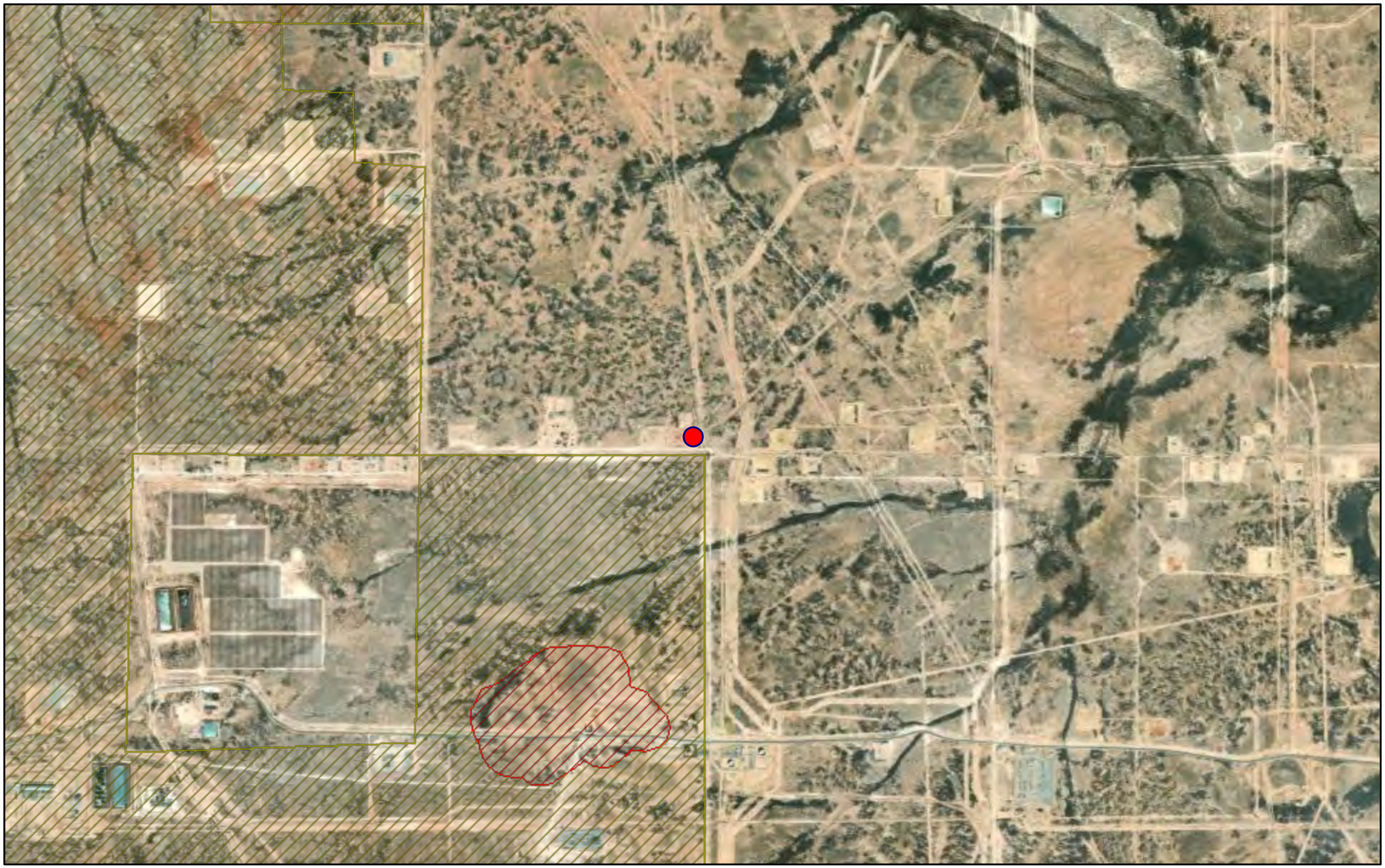
Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 21, Sep 9, 2025

Released to Imaging: 6/9/2026 4:08:54 PM

Appendix C
Protected Species & Habitats

Cooksey 36 St Com #1H Battery



10/20/2025, 6:29:32 PM

Potential Habitat (Planning Area Only)

Scheer's beehive cactus

Wright's waterwillow

World Imagery

Low Resolution 15m Imagery

High Resolution 60cm Imagery

High Resolution 30cm Imagery

Citations

9.6m Resolution Metadata

1:36,112

0 0.25 0.5 1 mi

0 0.4 0.8 1.6 km

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Bureau of Land Management -

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

NOT FOR CONSULTATION

Location

Eddy County, New Mexico



Local office

New Mexico Ecological Services Field Office

(505) 346-2525
(505) 346-2542

2105 Osuna Road Ne
Albuquerque, NM 87113-1001

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species[1] and their critical habitats are managed by the Ecological Services Program of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries[2]).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact NOAA Fisheries for species under their jurisdiction.

---

1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the listing status page for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
2. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

NOT FOR CONSULTATION

Birds

NAME	STATUS
Northern Aplomado Falcon Falco femoralis septentrionalis No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1923	EXPN
Piping Plover Charadrius melodus There is **final** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/6039	Threatened

Clams

NAME	STATUS
Texas Hornshell Popenaias popeii Wherever found There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/919	Endangered

Insects

NAME	STATUS
Monarch Butterfly Danaus plexippus Wherever found There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

Flowering Plants

NAME	STATUS
Gypsum Wild-buckwheat Eriogonum gypsophilum Wherever found There is **final** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/7770	Threatened

NOT FOR CONSULTATION

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

You are still required to determine if your project(s) may have effects on all above listed species.

Bald & Golden Eagles

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act [2] and the Migratory Bird Treaty Act (MBTA) [1]. Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their nests, should follow appropriate regulations and implement required avoidance and minimization measures, as described in the various links on this page.

The data in this location indicates that no eagles have been observed in this area. This does not mean eagles are not present in your project area, especially if the area is difficult to survey. Please review the 'Steps to Take When No Results Are Returned' section of the Supplemental Information on Migratory Birds and Eagles document to determine if your project is in a poorly surveyed area. If it is, you may need to rely on other resources to determine if eagles may be present (e.g. your local FWS field office, state surveys, your own surveys).

Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide avoidance and minimization measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

Bald & Golden Eagles FAQs

NOT FOR CONSULTATION

What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?

The potential for eagle presence is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are an eagle (Bald and Golden Eagle Protection Act requirements may apply).

Proper interpretation and use of your eagle report

On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort line or no data line (red horizontal) means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide you in knowing when to implement avoidance and minimization measures to eliminate or reduce potential impacts from your project activities or get the appropriate permits should presence be confirmed.

How do I know if eagles are breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the RAIL Tool and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If an eagle on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your “IPaC PROBABILITY OF PRESENCE SUMMARY” at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

Interpreting the Probability of Presence Graphs

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:

The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season ()

NOT FOR CONSULTATION

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort ()
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data ()
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

Migratory birds

The Migratory Bird Treaty Act (MBTA) [1] prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior authorization by the Department of Interior U.S. Fish and Wildlife Service (FWS).

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide avoidance and minimization measures for birds
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

The data in this location indicates that no migratory birds of concern have been observed in this area. This does not mean birds of concern are not present in your project area, especially if the area is difficult to survey. Please review the 'Steps to Take When No Results Are Returned' section of the Supplemental Information on Migratory Birds and Eagles document to determine if your project is in a poorly surveyed area. If it is, you may need to rely on other resources to determine what migratory birds of concern may be present (e.g. your local FWS field office, state surveys, your own surveys).

Migratory Bird FAQs

NOT FOR CONSULTATION

Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Avoidance & Minimization Measures for Birds describes measures that can help avoid and minimize impacts to all birds at any location year-round. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is one of the most effective ways to minimize impacts. To see when birds are most likely to occur and breed in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location, such as those listed under the Endangered Species Act or the Bald and Golden Eagle Protection Act and those species marked as “Vulnerable”. See the FAQ “What are the levels of concern for migratory birds?” for more information on the levels of concern covered in the IPaC migratory bird species list.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) with which your project intersects. These species have been identified as warranting special attention because they are BCC species in that area, an eagle (Bald and Golden Eagle Protection Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, and to verify survey effort when no results present, please visit the Rapid Avian Information Locator (RAIL) Tool.

Why are subspecies showing up on my list?

Subspecies profiles are included on the list of species present in your project area because observations in the AKN for **the species** are being detected. If the species are present, that means that the subspecies may also be present. If a subspecies shows up on your list, you may need to rely on other resources to determine if that subspecies may be present (e.g. your local FWS field office, state surveys, your own surveys).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets.

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go to the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, or migrating in my area?

NOT FOR CONSULTATION

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the RAIL Tool and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your "IPaC PROBABILITY OF PRESENCE SUMMARY" at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Bald and Golden Eagle Protection Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially BCC species. For more information on avoidance and minimization measures you can implement to help avoid and minimize migratory bird impacts, please see the FAQ "Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Proper interpretation and use of your migratory bird report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list does not represent all birds present in your project area. It is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide implementation of avoidance and minimization measures to eliminate or reduce potential impacts from your

NOT FOR CONSULTATION

project activities, should presence be confirmed. To learn more about avoidance and minimization measures, visit the FAQ "Tell me about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

Interpreting the Probability of Presence Graphs
Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:
The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season ()
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort ()
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data ()
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

NOT FOR CONSULTATION

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuge lands at this location.

Fish hatcheries

There are no fish hatcheries at this location.

Wetlands in the National Wetlands Inventory (NWI)

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

This location did not intersect any wetlands mapped by NWI.

NOTE: This initial screening does **not** replace an on-site delineation to determine whether wetlands occur. Additional information on the NWI data is provided below.

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters.

NOT FOR CONSULTATION

Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

NOT FOR CONSULTATION

Appendix D
Field Data & Soil Profile Log

eTECH Environmental & Safety Solutions, Inc.

Sample Log

Date: _____

Project:

Project Number: _____ Latitude: _____ Longitude: _____

Sample ID	PID/Odor	Chloride Conc.	GPS
TT-1@14'	-	164	
TT-2@14'	-	376	
WL-1	-	6.6	
NL-1	-	6.0	
SL-1	-	7.8	
EL-1	-	4.6	
FL-@8'	-	5.8	
FL-@4'	-	5.8	
FL-@6'	-	4.6	
FL-1@4'	-	5,436	
FL-2@4'	-	6,372	
FL-3@4'	-	5,436	
FL-4@4'	-	6,372	
FL-5@4'	-	3,952	
DEF-1@1'	-	88.2	
DEF-1@2	-	6,904	
DEF1@3	-	6,372	
DEF-1@4'	-	6,372	
DEF-1@6'	-	1,964	
DEF-1@8'	-	16.4	
FL-4@4'	-	1,600	
FL-7@4'	-	N/D	
FL-8@4'	-	3,252	
DEF-2@1	-	5,888	
DEF-2@2	-	7,484	
DEF-2@3'	-	7,984	
DEF-2@4'	-	6,372	
DEF-2@6'	-	6,904	
DEF-2@8'	-	6,904	
DEF-2@10'	-	5,436	
DEF-2@12'	-	1,964	
DEF-2@14'	-	1,716	
DEF-2@16'	-	828	
DEF-2@18'	-	984	
FL-9@4'	-	4,640	
FL-10@4'	-	3,644	

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

eTECH Environmental & Safety Solutions, Inc.

Sample Log

Date: _____

Project:

Project Number: _____ Latitude: _____ Longitude: _____

Sample ID	PID/Odor	Chloride Conc.	GPS
FL-1@4'	–	2836	
FL-2@4'	–	1,716	
EW-1	–	764	
EW-2	–	316	
EW-3	–	396	
EW-4	–	220	
EW-5	–	164	
WW-1	–	440	
FL-13@4'	–	140	
FL-14@4'	–	456	
FL-15@4'	–	456	
FL-16@4'	–	368	
FL-17@4'	–	368	
SW-1	–	412	
DEF 3 SW	–	5,416	
DEF 3@1'	–	4,284	
DEF 3@2'	–	2,380	
DEF 3@3'	–	1,788	
DEF 3@4'	–	600	
DEF 3@5'	–	300	
DEF 4@ SW	–	6,372	
DEF 4@1'	–	4,640	
DEF 4@2'	–	3,356	
DEF 4@3'	–	1,448	
DEF 4@4'	–	396	
DEF 5@ SW	–	5024	
DEF 5@1'	–	1,412	
DEF 5@2'	–	1,972	
DEF 5@3'	–	1,292	
DEF 5 4'	–	412	
NW-1	–	396	
EW-6	–	140	
WW-2	–	220	
NW-2	–	164	

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

eTECH Environmental & Safety Solutions, Inc.

Sample Log

Date: _____

Project:

Project Number: _____ Latitude: _____ Longitude: _____

Sample ID	PID/Odor	Chloride Conc.	GPS
FL-18@4'	–	260	
FL-19@4'	–	356	
FL-20@4'	–	500	
FL-21@4'	–	456	
FL-22@4'	–	296	
FL-23@4'	–	140	
FL-24@4'	–	116	
FL-25@4'	–	116	
DEFL@Surf	–	3,952	
DEFL@1'	–	2,836	
DEFL@2'	–	2,836	
DEFL@3'	–	2380	
DEFL@4'	–	1,612	
DEFL@6'	–	1,144	
DEFL@8'	–	412	
WW-3	–	284	
SW-2	–	396	
FL-12@8'	–	168	
FL-11@8'	–	N/D	
FL-10@8'	–	228	
FL-9@8'	–	260	
FL-8@8'	–	N/D	
FL-7@8'	–	N/D	
FL-1@8'	–	116	
FL-5@8'	–	164	
FL-4@8'	–	116	
FL-3@6'	–	228	
FL-2@6'	–	296	
FL-1@6'	–	260	
DEF-7@Surf	–	2,496	
DEF-7@1'	–	2,496	
DEF-7@2'	–	1,596	
DEF-7@3'	–	696	
DEF-7@4'	–	304	
FL-26@8'	–	204	
FL-27@4'	–	204	

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

eTECH Environmental & Safety Solutions, Inc.

Sample Log

Date: _____

Project:

Project Number: _____ Latitude: _____ Longitude: _____

Sample ID	PID/Odor	Chloride Conc.	GPS
DEF8-@Surf	-	2,104	
DEF-801'	-	6,056	
DEF-802'	-	4,756	
DEF-803'	-	2,260	
DEF-804'	-	3,260	
DEF-805'	-	1,388	
DEF-806'	-	1,388	
DEF-807'	-	968	
DEF-808'	-	968	
DEF809'	-	204	
FL 27 @ 7ft	-	2.0 = 228	
FL 28 @ 7ft	-	2.6 = 292	

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

eTECH Environmental & Safety Solutions, Inc.

Sample Log

Date: _____

Project:

Project Number: _____ Latitude: _____ Longitude: _____

Sample ID		PID/Odor	Chloride Conc.	GPS
WH2 @ Surf	2.0		184	
WH2 @ 1'	1.4		<116	
WH 2 @2'	1.4		<116	
WH 2 @3'	1.8		156	
WH 2 @4'	2.0		184	
WH 3 @Surf	<1.0		<116	
WH 3 @ 1'	1.2		<116	
WH 3 @2'	1.0		<116	
WH 3 @3'	1.8		156	
WH 3 @4'	1.4		<116	
WH 4 @ Surf	2.2		212	
WH 4 @1'	2.4		248	
WH 4 @2'	1.8		156	
WH 4 @3'	1.4		<116	
WH 4 @4'	<1.0		<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

Soil Profile

Date: 10/17/2025

Project: Cooksey 36 St Com #1H Battery

Project Number: 21572 Latitude: 32.07997 Longitude: -104.13602

Depth (ft. bgs)	*Description*
1 Caliche	Imported Fill
2 Sand	Sand to ~18 feet bgs
8	TD of Excavated Areas: 4 to 8 feet bgs

Appendix E
Photographic Log

Photographic Log

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

Photo Number: 2	
Photo Direction: East	
Photo Description: View of the affected area.	

Photographic Log

Photo Number: 3	
Photo Direction: South-Southeast	
Photo Description: View of the affected area.	

Photo Number: 4	
Photo Direction: South-Southwest	
Photo Description: View of the affected area.	

Photographic Log

Photo Number: 5	
Photo Direction: Southwest	
Photo Description: View of the affected area.	

Photo Number: 6	
Photo Direction: Overhead/Bird's Eye	
Coordinates 32.079847,-104.135954	
Date: 1/10/2025	
Photo Description: Aerial view of the excavated area.	

Photographic Log

Photo Number: 7	
Photo Direction: South	
Coordinates 32.080186,-104.135922	
Date: 1/10/2025	
Photo Description: Aerial view of the excavated area.	

Photo Number: 8	
Photo Direction: Northwest	
Photo Description: View of the excavated area.	

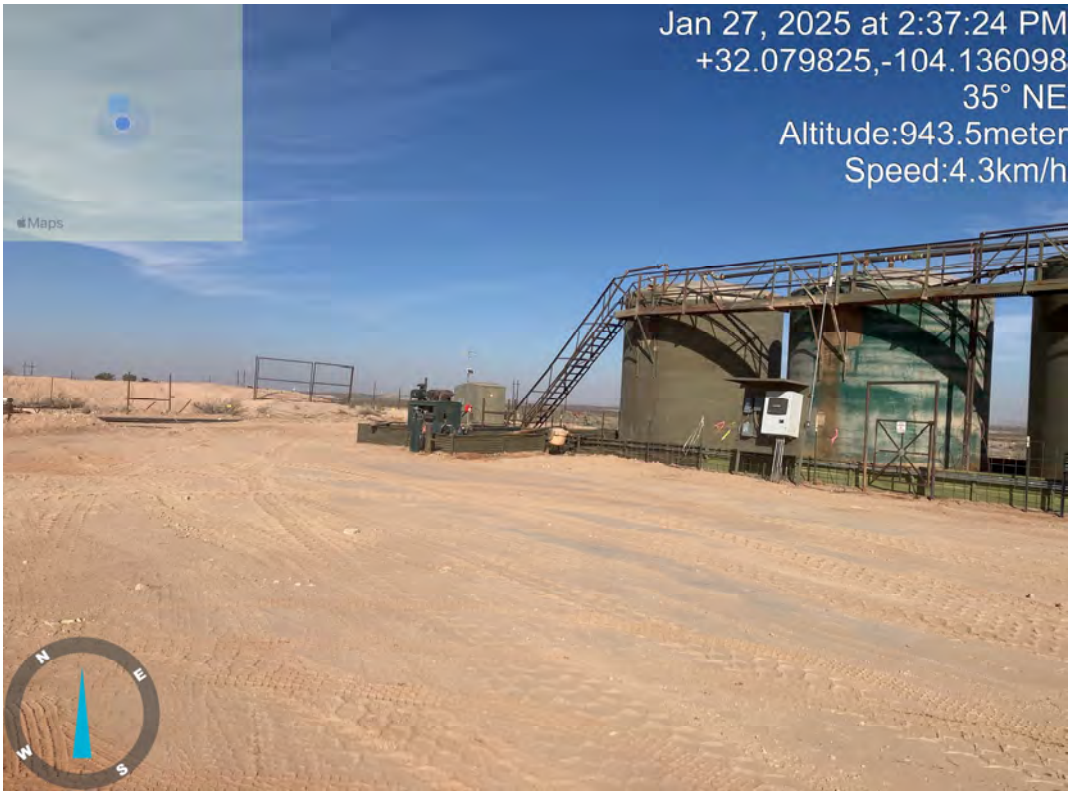
Photographic Log

Photo Number: 9	
Photo Direction: East	
Photo Description: View of the excavated area.	

Photo Number: 10	
Photo Direction: South	
Photo Description: View of the excavated area.	

Photographic Log

Photo Number: 11	
Photo Direction: Northeast	
Photo Description: View of the excavated area.	

Photo Number: 12	
Photo Direction: Northeast	
Photo Description: View of the remediated area following backfill and regrading.	

Photographic Log

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

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

Photographic Log

Photo Number: 15 **Photo Direction:** North **Photo Description:** View of the remediated area following backfill and regrading.	

Photo Number: 16 **Photo Direction:** North-Northwest **Photo Description:** View of the remediated area following backfill and regrading.	

Photographic Log

Photo Number: 17	
Photo Direction: East-Northeast	
Photo Description: View of the newly excavated areas west of the containment.	

Photo Number: 18	
Photo Direction: Southeast	
Photo Description: View of the newly excavated area north of the containment.	

Photographic Log

Photo Number: 19	
Photo Direction: South-Southwest	
Photo Description: View of the newly remediated area west of the containment, following backfill and regrading.	

Photo Number: 20	
Photo Direction: South-Southeast	
Photo Description: View of the newly remediated area north of the containment, following backfill and regrading.	

Appendix F
Laboratory Analytical Reports

CARDINAL Laboratories

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

January 13, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: COOKSEY 36 STATE COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 01/10/25 14:51.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL1@4' (H250113-01)

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	01/10/2025	ND	1.82	90.8	2.00	7.54	QM-07
Toluene*	<0.050	0.050	01/10/2025	ND	1.95	97.6	2.00	7.68	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	1.90	95.1	2.00	7.88	QM-07
Total Xylenes*	<0.150	0.150	01/10/2025	ND	5.56	92.7	6.00	7.83	QM-07
Total BTEX	<0.300	0.300	01/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.0 %* *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	**7600**	16.0	01/13/2025	ND	464	116	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	01/10/2025	ND	203	102	200	9.86	
DRO >C10-C28*	<10.0	10.0	01/10/2025	ND	196	98.2	200	8.62	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL2@4' (H250113-02)

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	01/10/2025	ND	1.82	90.8	2.00	7.54	
Toluene*	<0.050	0.050	01/10/2025	ND	1.95	97.6	2.00	7.68	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	1.90	95.1	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	5.56	92.7	6.00	7.83	
Total BTEX	<0.300	0.300	01/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.2 %* *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	**8320**	16.0	01/13/2025	ND	464	116	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	01/10/2025	ND	203	102	200	9.86	
DRO >C10-C28*	<10.0	10.0	01/10/2025	ND	196	98.2	200	8.62	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL3@4' (H250113-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/10/2025	ND	1.82	90.8	2.00	7.54	
Toluene*	<0.050	0.050	01/10/2025	ND	1.95	97.6	2.00	7.68	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	1.90	95.1	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	5.56	92.7	6.00	7.83	
Total BTEX	<0.300	0.300	01/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.7 %* *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	**9200**	16.0	01/13/2025	ND	464	116	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	01/10/2025	ND	203	102	200	9.86	
DRO >C10-C28*	**13.2**	10.0	01/10/2025	ND	196	98.2	200	8.62	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *95.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL4@4' (H250113-04)

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	01/10/2025	ND	1.82	90.8	2.00	7.54	
Toluene*	<0.050	0.050	01/10/2025	ND	1.95	97.6	2.00	7.68	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	1.90	95.1	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	5.56	92.7	6.00	7.83	
Total BTEX	<0.300	0.300	01/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.3 %* *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	**7600**	16.0	01/13/2025	ND	464	116	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	01/10/2025	ND	203	102	200	9.86	
DRO >C10-C28*	**71.2**	10.0	01/10/2025	ND	196	98.2	200	8.62	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *112 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *121 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL5@4' (H250113-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/10/2025	ND	1.82	90.8	2.00	7.54	
Toluene*	<0.050	0.050	01/10/2025	ND	1.95	97.6	2.00	7.68	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	1.90	95.1	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	5.56	92.7	6.00	7.83	
Total BTEX	<0.300	0.300	01/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.5 %* *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	**5680**	16.0	01/13/2025	ND	464	116	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	01/10/2025	ND	203	102	200	9.86	
DRO >C10-C28*	<10.0	10.0	01/10/2025	ND	196	98.2	200	8.62	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *108 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL6@4' (H250113-06)

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	01/10/2025	ND	1.82	90.8	2.00	7.54	
Toluene*	<0.050	0.050	01/10/2025	ND	1.95	97.6	2.00	7.68	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	1.90	95.1	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	5.56	92.7	6.00	7.83	
Total BTEX	<0.300	0.300	01/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.9 %* *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	**1100**	16.0	01/13/2025	ND	464	116	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	01/10/2025	ND	203	102	200	9.86	
DRO >C10-C28*	<10.0	10.0	01/10/2025	ND	196	98.2	200	8.62	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *97.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL7@4' (H250113-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/10/2025	ND	1.82	90.8	2.00	7.54	
Toluene*	<0.050	0.050	01/10/2025	ND	1.95	97.6	2.00	7.68	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	1.90	95.1	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	5.56	92.7	6.00	7.83	
Total BTEX	<0.300	0.300	01/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.7 %* *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	**928**	16.0	01/13/2025	ND	464	116	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	01/10/2025	ND	203	102	200	9.86	
DRO >C10-C28*	<10.0	10.0	01/10/2025	ND	196	98.2	200	8.62	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *95.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.3 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL8@4' (H250113-08)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/10/2025	ND	1.82	90.8	2.00	7.54	
Toluene*	<0.050	0.050	01/10/2025	ND	1.95	97.6	2.00	7.68	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	1.90	95.1	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	5.56	92.7	6.00	7.83	
Total BTEX	<0.300	0.300	01/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	01/13/2025	ND	464	116	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	01/10/2025	ND	203	102	200	9.86	
DRO >C10-C28*	<10.0	10.0	01/10/2025	ND	196	98.2	200	8.62	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *85.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.4 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL9@4' (H250113-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/10/2025	ND	1.82	90.8	2.00	7.54	
Toluene*	<0.050	0.050	01/10/2025	ND	1.95	97.6	2.00	7.68	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	1.90	95.1	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	5.56	92.7	6.00	7.83	
Total BTEX	<0.300	0.300	01/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.1 %* *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	**5900**	16.0	01/13/2025	ND	464	116	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	01/10/2025	ND	203	102	200	9.86	
DRO >C10-C28*	<10.0	10.0	01/10/2025	ND	196	98.2	200	8.62	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *99.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *106 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL10@4' (H250113-10)

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	01/10/2025	ND	1.82	90.8	2.00	7.54	
Toluene*	<0.050	0.050	01/10/2025	ND	1.95	97.6	2.00	7.68	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	1.90	95.1	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	5.56	92.7	6.00	7.83	
Total BTEX	<0.300	0.300	01/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.7 %* *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	**5120**	16.0	01/13/2025	ND	464	116	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	01/11/2025	ND	203	102	200	9.86	
DRO >C10-C28*	<10.0	10.0	01/11/2025	ND	196	98.2	200	8.62	
EXT DRO >C28-C36	<10.0	10.0	01/11/2025	ND					

Surrogate: 1-Chlorooctane *114 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *120 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL11@4' (H250113-11)

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	01/10/2025	ND	1.82	90.8	2.00	7.54	
Toluene*	<0.050	0.050	01/10/2025	ND	1.95	97.6	2.00	7.68	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	1.90	95.1	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	5.56	92.7	6.00	7.83	
Total BTEX	<0.300	0.300	01/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.2 %* *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	**4320**	16.0	01/13/2025	ND	464	116	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	01/11/2025	ND	203	102	200	9.86	
DRO >C10-C28*	**86.1**	10.0	01/11/2025	ND	196	98.2	200	8.62	
EXT DRO >C28-C36	**23.7**	10.0	01/11/2025	ND					

Surrogate: 1-Chlorooctane *87.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.8 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL12@4' (H250113-12)

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	01/10/2025	ND	1.82	90.8	2.00	7.54	
Toluene*	<0.050	0.050	01/10/2025	ND	1.95	97.6	2.00	7.68	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	1.90	95.1	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	5.56	92.7	6.00	7.83	
Total BTEX	<0.300	0.300	01/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.7 %* *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	**1760**	16.0	01/13/2025	ND	464	116	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	01/11/2025	ND	203	102	200	9.86	
DRO >C10-C28*	<10.0	10.0	01/11/2025	ND	196	98.2	200	8.62	
EXT DRO >C28-C36	<10.0	10.0	01/11/2025	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: EW 1 (H250113-13)

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	01/10/2025	ND	1.82	90.8	2.00	7.54	
Toluene*	<0.050	0.050	01/10/2025	ND	1.95	97.6	2.00	7.68	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	1.90	95.1	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	5.56	92.7	6.00	7.83	
Total BTEX	<0.300	0.300	01/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.2 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	01/13/2025	ND	464	116	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	01/11/2025	ND	203	102	200	9.86	
DRO >C10-C28*	<10.0	10.0	01/11/2025	ND	196	98.2	200	8.62	
EXT DRO >C28-C36	<10.0	10.0	01/11/2025	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: EW 2 (H250113-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/10/2025	ND	1.82	90.8	2.00	7.54	
Toluene*	<0.050	0.050	01/10/2025	ND	1.95	97.6	2.00	7.68	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	1.90	95.1	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	5.56	92.7	6.00	7.83	
Total BTEX	<0.300	0.300	01/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.3 %* *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	**144**	16.0	01/13/2025	ND	464	116	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	01/10/2025	ND	189	94.4	200	5.87	
DRO >C10-C28*	<10.0	10.0	01/10/2025	ND	186	93.0	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *84.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *79.3 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: EW 3 (H250113-15)

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	01/10/2025	ND	1.82	90.8	2.00	7.54	
Toluene*	<0.050	0.050	01/10/2025	ND	1.95	97.6	2.00	7.68	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	1.90	95.1	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	5.56	92.7	6.00	7.83	
Total BTEX	<0.300	0.300	01/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.2 %* *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	**224**	16.0	01/13/2025	ND	464	116	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	01/10/2025	ND	189	94.4	200	5.87	
DRO >C10-C28*	<10.0	10.0	01/10/2025	ND	186	93.0	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *85.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *77.1 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: EW 4 (H250113-16)

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	01/10/2025	ND	1.82	90.8	2.00	7.54	
Toluene*	<0.050	0.050	01/10/2025	ND	1.95	97.6	2.00	7.68	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	1.90	95.1	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	5.56	92.7	6.00	7.83	
Total BTEX	<0.300	0.300	01/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	01/13/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/10/2025	ND	189	94.4	200	5.87	
DRO >C10-C28*	<10.0	10.0	01/10/2025	ND	186	93.0	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *86.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.4 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: EW 5 (H250113-17)

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	01/10/2025	ND	1.82	90.8	2.00	7.54	
Toluene*	<0.050	0.050	01/10/2025	ND	1.95	97.6	2.00	7.68	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	1.90	95.1	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	5.56	92.7	6.00	7.83	
Total BTEX	<0.300	0.300	01/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	01/13/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/10/2025	ND	189	94.4	200	5.87	
DRO >C10-C28*	<10.0	10.0	01/10/2025	ND	186	93.0	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *90.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.2 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 1@ SUR (H250113-18)

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	01/10/2025	ND	1.82	90.8	2.00	7.54	
Toluene*	<0.050	0.050	01/10/2025	ND	1.95	97.6	2.00	7.68	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	1.90	95.1	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	5.56	92.7	6.00	7.83	
Total BTEX	<0.300	0.300	01/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.2 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1570**	16.0	01/13/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/10/2025	ND	189	94.4	200	5.87	
DRO >C10-C28*	<10.0	10.0	01/10/2025	ND	186	93.0	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *96.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.0 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 1 @ 1' (H250113-19)

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	01/10/2025	ND	1.82	90.8	2.00	7.54	
Toluene*	<0.050	0.050	01/10/2025	ND	1.95	97.6	2.00	7.68	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	1.90	95.1	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	5.56	92.7	6.00	7.83	
Total BTEX	<0.300	0.300	01/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**9760**	16.0	01/13/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/10/2025	ND	189	94.4	200	5.87	
DRO >C10-C28*	**40.3**	10.0	01/10/2025	ND	186	93.0	200	4.69	
EXT DRO >C28-C36	**13.4**	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *93.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.9 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 1@ 2' (H250113-20)

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	01/10/2025	ND	1.82	90.8	2.00	7.54	
Toluene*	<0.050	0.050	01/10/2025	ND	1.95	97.6	2.00	7.68	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	1.90	95.1	2.00	7.88	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	5.56	92.7	6.00	7.83	
Total BTEX	<0.300	0.300	01/10/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**9520**	16.0	01/13/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/10/2025	ND	189	94.4	200	5.87	
DRO >C10-C28*	**23.3**	10.0	01/10/2025	ND	186	93.0	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *99.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.8 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 1@ 3' (H250113-21)

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	01/10/2025	ND	1.99	99.7	2.00	6.79	QM-07, QR-03
Toluene*	<0.050	0.050	01/10/2025	ND	2.10	105	2.00	7.26	QR-03
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	2.13	107	2.00	7.54	QM-07, QR-03
Total Xylenes*	<0.150	0.150	01/10/2025	ND	6.48	108	6.00	7.14	QR-03
Total BTEX	<0.300	0.300	01/10/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**9680**	16.0	01/13/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/10/2025	ND	189	94.4	200	5.87	
DRO >C10-C28*	<10.0	10.0	01/10/2025	ND	186	93.0	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *97.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.1 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 1@ 4' (H250113-22)

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	01/10/2025	ND	1.99	99.7	2.00	6.79	
Toluene*	<0.050	0.050	01/10/2025	ND	2.10	105	2.00	7.26	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	2.13	107	2.00	7.54	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	6.48	108	6.00	7.14	
Total BTEX	<0.300	0.300	01/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**8640**	16.0	01/13/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/10/2025	ND	189	94.4	200	5.87	
DRO >C10-C28*	**31.2**	10.0	01/10/2025	ND	186	93.0	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *98.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.7 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 1@ 6' (H250113-23)

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	01/10/2025	ND	1.99	99.7	2.00	6.79	
Toluene*	<0.050	0.050	01/10/2025	ND	2.10	105	2.00	7.26	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	2.13	107	2.00	7.54	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	6.48	108	6.00	7.14	
Total BTEX	<0.300	0.300	01/10/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1260**	16.0	01/13/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/10/2025	ND	189	94.4	200	5.87	
DRO >C10-C28*	<10.0	10.0	01/10/2025	ND	186	93.0	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *93.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.7 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 1@ 8' (H250113-24)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/10/2025	ND	1.99	99.7	2.00	6.79	
Toluene*	<0.050	0.050	01/10/2025	ND	2.10	105	2.00	7.26	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	2.13	107	2.00	7.54	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	6.48	108	6.00	7.14	
Total BTEX	<0.300	0.300	01/10/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	01/13/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/10/2025	ND	189	94.4	200	5.87	
DRO >C10-C28*	<10.0	10.0	01/10/2025	ND	186	93.0	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *78.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *74.9 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 2 @ SUR (H250113-25)

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	01/10/2025	ND	1.99	99.7	2.00	6.79	
Toluene*	<0.050	0.050	01/10/2025	ND	2.10	105	2.00	7.26	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	2.13	107	2.00	7.54	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	6.48	108	6.00	7.14	
Total BTEX	<0.300	0.300	01/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1330**	16.0	01/13/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/10/2025	ND	189	94.4	200	5.87	
DRO >C10-C28*	<10.0	10.0	01/10/2025	ND	186	93.0	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *88.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.7 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 2 @ 1' (H250113-26)

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	01/10/2025	ND	1.99	99.7	2.00	6.79	
Toluene*	<0.050	0.050	01/10/2025	ND	2.10	105	2.00	7.26	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	2.13	107	2.00	7.54	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	6.48	108	6.00	7.14	
Total BTEX	<0.300	0.300	01/10/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**10800**	16.0	01/13/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/10/2025	ND	189	94.4	200	5.87	
DRO >C10-C28*	<10.0	10.0	01/10/2025	ND	186	93.0	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *90.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.6 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 2 @ 2' (H250113-27)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/10/2025	ND	1.99	99.7	2.00	6.79	
Toluene*	<0.050	0.050	01/10/2025	ND	2.10	105	2.00	7.26	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	2.13	107	2.00	7.54	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	6.48	108	6.00	7.14	
Total BTEX	<0.300	0.300	01/10/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**9040**	16.0	01/13/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/10/2025	ND	189	94.4	200	5.87	
DRO >C10-C28*	<10.0	10.0	01/10/2025	ND	186	93.0	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *83.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *79.7 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 2 @ 3' (H250113-28)

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	01/10/2025	ND	1.99	99.7	2.00	6.79	
Toluene*	<0.050	0.050	01/10/2025	ND	2.10	105	2.00	7.26	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	2.13	107	2.00	7.54	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	6.48	108	6.00	7.14	
Total BTEX	<0.300	0.300	01/10/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**10400**	16.0	01/13/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/11/2025	ND	189	94.4	200	5.87	
DRO >C10-C28*	<10.0	10.0	01/11/2025	ND	186	93.0	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	01/11/2025	ND					

Surrogate: 1-Chlorooctane *87.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.6 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 2 @ 4' (H250113-29)

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	01/10/2025	ND	1.99	99.7	2.00	6.79	
Toluene*	<0.050	0.050	01/10/2025	ND	2.10	105	2.00	7.26	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	2.13	107	2.00	7.54	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	6.48	108	6.00	7.14	
Total BTEX	<0.300	0.300	01/10/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**9760**	16.0	01/13/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/11/2025	ND	189	94.4	200	5.87	
DRO >C10-C28*	<10.0	10.0	01/11/2025	ND	186	93.0	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	01/11/2025	ND					

Surrogate: 1-Chlorooctane *88.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.5 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 2 @ 6' (H250113-30)

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	01/10/2025	ND	1.99	99.7	2.00	6.79	
Toluene*	<0.050	0.050	01/10/2025	ND	2.10	105	2.00	7.26	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	2.13	107	2.00	7.54	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	6.48	108	6.00	7.14	
Total BTEX	<0.300	0.300	01/10/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**8400**	16.0	01/13/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/11/2025	ND	189	94.4	200	5.87	
DRO >C10-C28*	<10.0	10.0	01/11/2025	ND	186	93.0	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	01/11/2025	ND					

Surrogate: 1-Chlorooctane *93.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.0 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 2 @ 8' (H250113-31)

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	01/10/2025	ND	1.99	99.7	2.00	6.79	
Toluene*	<0.050	0.050	01/10/2025	ND	2.10	105	2.00	7.26	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	2.13	107	2.00	7.54	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	6.48	108	6.00	7.14	
Total BTEX	<0.300	0.300	01/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**7520**	16.0	01/13/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/11/2025	ND	189	94.4	200	5.87	
DRO >C10-C28*	**59.0**	10.0	01/11/2025	ND	186	93.0	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	01/11/2025	ND					

Surrogate: 1-Chlorooctane *93.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.3 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 2 @ 10' (H250113-32)

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	01/10/2025	ND	1.99	99.7	2.00	6.79	
Toluene*	<0.050	0.050	01/10/2025	ND	2.10	105	2.00	7.26	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	2.13	107	2.00	7.54	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	6.48	108	6.00	7.14	
Total BTEX	<0.300	0.300	01/10/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4720**	16.0	01/13/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/11/2025	ND	189	94.4	200	5.87	
DRO >C10-C28*	<10.0	10.0	01/11/2025	ND	186	93.0	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	01/11/2025	ND					

Surrogate: 1-Chlorooctane *92.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.6 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 2 @ 12' (H250113-33)

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	01/10/2025	ND	1.99	99.7	2.00	6.79	
Toluene*	<0.050	0.050	01/10/2025	ND	2.10	105	2.00	7.26	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	2.13	107	2.00	7.54	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	6.48	108	6.00	7.14	
Total BTEX	<0.300	0.300	01/10/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2560**	16.0	01/13/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/11/2025	ND	189	94.4	200	5.87	
DRO >C10-C28*	<10.0	10.0	01/11/2025	ND	186	93.0	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	01/11/2025	ND					

Surrogate: 1-Chlorooctane *94.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.8 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 2 @ 14' (H250113-34)

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	01/10/2025	ND	1.99	99.7	2.00	6.79	
Toluene*	<0.050	0.050	01/10/2025	ND	2.10	105	2.00	7.26	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	2.13	107	2.00	7.54	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	6.48	108	6.00	7.14	
Total BTEX	<0.300	0.300	01/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3840**	16.0	01/13/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/10/2025	ND	202	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	01/10/2025	ND	202	101	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *96.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.4 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 2 @ 16' (H250113-35)

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	01/10/2025	ND	1.99	99.7	2.00	6.79	
Toluene*	<0.050	0.050	01/10/2025	ND	2.10	105	2.00	7.26	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	2.13	107	2.00	7.54	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	6.48	108	6.00	7.14	
Total BTEX	<0.300	0.300	01/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2480**	16.0	01/13/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/10/2025	ND	202	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	01/10/2025	ND	202	101	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *86.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.0 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/10/2025	Sampling Date:	01/09/2025
Reported:	01/13/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 2 @ 18' (H250113-36)

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	01/10/2025	ND	1.99	99.7	2.00	6.79	
Toluene*	<0.050	0.050	01/10/2025	ND	2.10	105	2.00	7.26	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	2.13	107	2.00	7.54	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	6.48	108	6.00	7.14	
Total BTEX	<0.300	0.300	01/10/2025	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	**256**	16.0	01/13/2025	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	01/10/2025	ND	202	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	01/10/2025	ND	202	101	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *97.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.9 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

Page 109 of 345

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.	**BILL TO**	
Project Manager:	Lance Crenshaw	**P.O. #:**	
Address:	2617 West Marland	**Company:**	SEE REMARKS
City:	Hobbs **State:** NM **Zip:** 88240	**Attn:**	
Phone #:	(575) 264-9884 **Fax #:**	**Address:**	
Project #:	21572 **Project Owner:** Mewbourne	**City:**	
Project Name:	Cooksey 36 State Com 1H	**State:** **Zip:**	
Project Location:	32.079922, -104.135917	**Phone #:**	
Sampler Name:	Martin Sepulveda	**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST										
Lab I.D.	**Sample I.D.**	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)									
H250143																									
1	FL 1 @ 4'	C	1			X					X		1/9/25		X	X	X								
2	FL 2 @ 4'	C	1			X					X		1/9/25		X	X	X								
3	FL 3 @ 4'	C	1			X					X		1/9/25		X	X	X								
4	FL 4 @ 4'	C	1			X					X		1/9/25		X	X	X								
5	FL 5 @ 4'	C	1			X					X		1/9/25		X	X	X								
6	FL 6 @ 4'	C	1			X					X		1/9/25		X	X	X								
7	FL 7 @ 4'	C	1			X					X		1/9/25		X	X	X								
8	FL 8 @ 4'	C	1			X					X		1/9/25		X	X	X								
9	FL 9 @ 4'	C	1			X					X		1/9/25		X	X	X								
10	FL 10 @ 4'	C	1			X					X		1/9/25		X	X	X								

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

Relinquished By:	**Date:** 1-10-25	**Received By:**	**Verbal Result:** ☐ Yes ☐ No	**Add'l Phone #:**
	Time: 1451		**All Results are emailed. Please provide Email address:** pm@etechenv.com	
Relinquished By:	**Date:**	**Received By:**	**REMARKS:** 24 HOUR RUSH - Bill analytical to Mewbourne c/o Connor Walker and rush charges to Etech c/o Lance Crenshaw	
	Time:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	**Observed Temp. °C** 4.0 **Corrected Temp. °C** 4.0	**Sample Condition** Cool: ☒ Yes ☐ No Intact: ☒ Yes ☐ No	**CHECKED BY: (Initials)**	**Turnaround Time:** Standard ☐ Rush ☒ Thermometer ID #140 Correction Factor -0.6°C

Bacteria (only) Sample Condition Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ 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

Received by OCD: 5/28/2026 2:47:43 PM

Released to Imaging: 6/9/2026 4:08:54 PM

Page 110 of 345

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.			**BILL TO**	
Project Manager:	Lance Crenshaw			**P.O. #:**	
Address:	2617 West Marland			**Company:**	SEE REMARKS
City:	Hobbs	**State:** NM	**Zip:** 88240	**Attn:**	
Phone #:	(575) 264-9884	**Fax #:**		**Address:**	
Project #:	21572	**Project Owner:**	Mewbourne	**City:**	
Project Name:	Cooksey 36 State Com 1H			**State:**	**Zip:**
Project Location:	32.079922, -104.135917			**Phone #:**	
Sampler Name:	Martin Sepulveda			**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST											
Lab I.D.	**Sample I.D.**	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)										
H250143																										
11	FL 11 @ 4'	C	1			X					X		1/9/25		X	X	X									
12	FL 12 @ 4'	C	1			X					X		1/9/25		X	X	X									
13	EW 1	C	1			X					X		1/9/25		X	X	X									
14	EW 2	C	1			X					X		1/9/25		X	X	X									
15	EW 3	C	1			X					X		1/9/25		X	X	X									
16	EW 4	C	1			X					X		1/9/25		X	X	X									
17	EW 5	C	1			X					X		1/9/25		X	X	X									
18	DEF 1 @ Sur	G	1			X					X		1/9/25		X	X	X									
19	DEF 1 @ 1'	G	1			X					X		1/9/25		X	X	X									
20	DEF 1 @ 2'	G	1			X					X		1/9/25		X	X	X									

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

Relinquished By:	**Date:** 1-10 25	**Received By:**	**Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:**
	Time: 1451		**All Results are emailed. Please provide Email address:** pm@etechenv.com
Relinquished By:	**Date:**	**Received By:**	**REMARKS:** 24 HOUR RUSH - Bill analytical to Mewbourne c/o Connor Walker and rush charges to Etech c/o Lance Crenshaw
	Time:		

Delivered By: (Circle One)	**Observed Temp. °C** -4.0	**Sample Condition** Cool: ☑ Yes ☐ No; Intact: ☑ Yes ☐ No	**CHECKED BY: (Initials)**	**Turnaround Time:** Standard ☐ Rush ☒
Sampler - UPS - Bus - Other:	**Corrected Temp. °C** -4.6			**Thermometer ID** #140 **Correction Factor** -0.6°C

Bacteria (only) Sample Condition Cool: ☐ Yes ☐ No; Intact: ☐ Yes ☐ 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

Received by OCD: 5/28/2026 2:47:43 PM

Released to Imaging: 6/9/2026 4:08:54 PM

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.	**BILL TO**	
Project Manager:	Lance Crenshaw	**P.O. #:**	
Address:	2617 West Marland	**Company:**	SEE REMARKS
City:	Hobbs **State:** NM **Zip:** 88240	**Attn:**	
Phone #:	(575) 264-9884 **Fax #:**	**Address:**	
Project #:	21572 **Project Owner:** Mewbourne	**City:**	
Project Name:	Cooksey 36 State Com 1H	**State:** **Zip:**	
Project Location:	32.079922, -104.135917	**Phone #:**	
Sampler Name:	Martin Sepulveda	**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST										
Lab I.D. 1125013	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)								
21	DEF 1 @ 3'	G	1			X					X		1/9/25		X	X	X								
22	DEF 1 @ 4'	G	1			X					X		1/9/25		X	X	X								
23	DEF 1 @ 6'	G	1			X					X		1/9/25		X	X	X								
24	DEF 1 @ 8'	G	1			X					X		1/9/25		X	X	X								
25	DEF 2 @ Sur	G	1			X					X		1/9/25		X	X	X								
26	DEF 2 @ 1'	G	1			X					X		1/9/25		X	X	X								
27	DEF 2 @ 2'	G	1			X					X		1/9/25		X	X	X								
28	DEF 2 @ 3'	G	1			X					X		1/9/25		X	X	X								
29	DEF 2 @ 4'	G	1			X					X		1/9/25		X	X	X								
30	DEF 2 @ 6'	G	1			X					X		1/9/25		X	X	X								

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

Relinquished By:	**Date:** 1-10-25	**Received By:**	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1451		All Results are emailed. Please provide Email address: pm@etechenv.com
Relinquished By:	**Date:**	**Received By:**	REMARKS: 24 HOUR RUSH - Bill analytical to Mewbourne c/o Connor Walker and rush charges to Etech c/o Lance Crenshaw
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	**Observed Temp. °C** -4.0 **Corrected Temp. °C** -4.6	**Sample Condition** Cool: ☑ Yes ☐ No Intact: ☐ Yes ☐ No	**CHECKED BY: (Initials)** AP	**Turnaround Time:** Standard ☐ Rush ☒ Thermometer ID #140 Correction Factor -0.6°C

Bacteria (only) Sample Condition Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ 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

Received by OCD: 5/28/2026 2:47:43 PM

Released to Imaging: 6/9/2026 4:08:54 PM

Page 112 of 345

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.		**BILL TO**		
Project Manager:	Lance Crenshaw		**P.O. #:**		
Address:	2617 West Marland		**Company:**	SEE REMARKS	
City:	Hobbs	**State:** NM **Zip:** 88240	**Attn:**		
Phone #:	(575) 264-9884	**Fax #:**	**Address:**		
Project #:	21572	**Project Owner:** Mewbourne	**City:**		
Project Name:	Cooksey 36 State Com 1H		**State:**	**Zip:**	
Project Location:	32.079922, -104.135917		**Phone #:**		
Sampler Name:	Martin Sepulveda		**Fax #:**		

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST										
Lab I.D.	**Sample I.D.**	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)									
H25013																									
31	DEF 2 @ 8'	G	1			X					X		1/9/25		X	X	X								
32	DEF 2 @ 10'	G	1			X					X		1/9/25		X	X	X								
33	DEF 2 @ 12'	G	1			X					X		1/9/25		X	X	X								
34	DEF 2 @ 14'	G	1			X					X		1/9/25		X	X	X								
35	DEF 2 @ 16'	G	1			X					X		1/9/25		X	X	X								
36	DEF 2 @ 18'	G	1			X					X		1/9/25		X	X	X								

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

Relinquished By:	**Date:** 1-10-25	**Received By:**	**Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:**
	Time: 1451		**All Results are emailed. Please provide Email address:** pm@etechenv.com
Relinquished By:	**Date:**	**Received By:**	**REMARKS:** 24 HOUR RUSH - Bill analytical to Mewbourne c/o Connor Walker and rush charges to Etech c/o Lance Crenshaw
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	**Observed Temp. °C** -4.0 **Corrected Temp. °C** -4.0	**Sample Condition** Cool: ☑ Yes ☐ No Intact: ☐ Yes ☐ No	**CHECKED BY: (Initials)** AT	**Turnaround Time:** Standard ☐ Rush ☒ Thermometer ID #140 Correction Factor -0.6°C

Bacteria (only) Sample Condition Cool ☐ Yes ☐ No Intact ☐ Yes ☐ 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

Received by OCD: 5/28/2026 2:47:43 PM

Released to Imaging: 6/9/2026 4:08:54 PM

CARDINAL Laboratories

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

January 16, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: COOKSEY 36 STATE COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 01/13/25 15:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: NW 1 (H250156-01)

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	01/14/2025	ND	1.88	93.9	2.00	3.88	
Toluene*	<0.050	0.050	01/14/2025	ND	2.03	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	2.00	99.9	2.00	4.64	
Total Xylenes*	<0.150	0.150	01/14/2025	ND	5.86	97.6	6.00	4.81	
Total BTEX	<0.300	0.300	01/14/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	01/14/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	167	83.3	200	1.80	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	169	84.5	200	0.929	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *92.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.7 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: NW 2 (H250156-02)

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	01/14/2025	ND	1.88	93.9	2.00	3.88	
Toluene*	<0.050	0.050	01/14/2025	ND	2.03	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	2.00	99.9	2.00	4.64	
Total Xylenes*	<0.150	0.150	01/14/2025	ND	5.86	97.6	6.00	4.81	
Total BTEX	<0.300	0.300	01/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**560**	16.0	01/14/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	167	83.3	200	1.80	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	169	84.5	200	0.929	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *98.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: EW 6 (H250156-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2025	ND	1.88	93.9	2.00	3.88	
Toluene*	<0.050	0.050	01/14/2025	ND	2.03	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	2.00	99.9	2.00	4.64	
Total Xylenes*	<0.150	0.150	01/14/2025	ND	5.86	97.6	6.00	4.81	
Total BTEX	<0.300	0.300	01/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**640**	16.0	01/14/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	167	83.3	200	1.80	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	169	84.5	200	0.929	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *98.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *106 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: SW 1 (H250156-04)

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	01/14/2025	ND	1.88	93.9	2.00	3.88	
Toluene*	<0.050	0.050	01/14/2025	ND	2.03	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	2.00	99.9	2.00	4.64	
Total Xylenes*	<0.150	0.150	01/14/2025	ND	5.86	97.6	6.00	4.81	
Total BTEX	<0.300	0.300	01/14/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**560**	16.0	01/14/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	167	83.3	200	1.80	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	169	84.5	200	0.929	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *109 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *116 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: SW 2 (H250156-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2025	ND	1.88	93.9	2.00	3.88	
Toluene*	<0.050	0.050	01/14/2025	ND	2.03	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	2.00	99.9	2.00	4.64	
Total Xylenes*	<0.150	0.150	01/14/2025	ND	5.86	97.6	6.00	4.81	
Total BTEX	<0.300	0.300	01/14/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**512**	16.0	01/14/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	167	83.3	200	1.80	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	169	84.5	200	0.929	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: WW 1 (H250156-06)

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	01/14/2025	ND	1.88	93.9	2.00	3.88	
Toluene*	<0.050	0.050	01/14/2025	ND	2.03	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	2.00	99.9	2.00	4.64	
Total Xylenes*	<0.150	0.150	01/14/2025	ND	5.86	97.6	6.00	4.81	
Total BTEX	<0.300	0.300	01/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**432**	16.0	01/14/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	167	83.3	200	1.80	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	169	84.5	200	0.929	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *115 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: WW 2 (H250156-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2025	ND	1.88	93.9	2.00	3.88	
Toluene*	<0.050	0.050	01/14/2025	ND	2.03	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	2.00	99.9	2.00	4.64	
Total Xylenes*	<0.150	0.150	01/14/2025	ND	5.86	97.6	6.00	4.81	
Total BTEX	<0.300	0.300	01/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.8 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**720**	16.0	01/14/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	167	83.3	200	1.80	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	169	84.5	200	0.929	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *116 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: WW 3 (H250156-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2025	ND	1.88	93.9	2.00	3.88	
Toluene*	<0.050	0.050	01/15/2025	ND	2.03	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.00	99.9	2.00	4.64	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	5.86	97.6	6.00	4.81	
Total BTEX	<0.300	0.300	01/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**512**	16.0	01/14/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	167	83.3	200	1.80	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	169	84.5	200	0.929	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *113 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *122 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 3 @ SUR (H250156-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2025	ND	1.88	93.9	2.00	3.88	
Toluene*	<0.050	0.050	01/15/2025	ND	2.03	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.00	99.9	2.00	4.64	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	5.86	97.6	6.00	4.81	
Total BTEX	<0.300	0.300	01/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.7 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**512**	16.0	01/14/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	167	83.3	200	1.80	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	169	84.5	200	0.929	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *115 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 3 @ 1' (H250156-10)

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	01/15/2025	ND	1.88	93.9	2.00	3.88	
Toluene*	<0.050	0.050	01/15/2025	ND	2.03	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.00	99.9	2.00	4.64	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	5.86	97.6	6.00	4.81	
Total BTEX	<0.300	0.300	01/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**512**	16.0	01/14/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	167	83.3	200	1.80	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	169	84.5	200	0.929	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *118 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *128 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 3 @ 2' (H250156-11)

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	01/15/2025	ND	1.88	93.9	2.00	3.88	
Toluene*	<0.050	0.050	01/15/2025	ND	2.03	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.00	99.9	2.00	4.64	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	5.86	97.6	6.00	4.81	
Total BTEX	<0.300	0.300	01/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.1 %* *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	**400**	16.0	01/14/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	167	83.3	200	1.80	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	169	84.5	200	0.929	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *96.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 3 @ 3' (H250156-12)

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	01/15/2025	ND	1.88	93.9	2.00	3.88	
Toluene*	<0.050	0.050	01/15/2025	ND	2.03	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.00	99.9	2.00	4.64	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	5.86	97.6	6.00	4.81	
Total BTEX	<0.300	0.300	01/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.8 %* *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	**368**	16.0	01/14/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	167	83.3	200	1.80	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	169	84.5	200	0.929	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *100 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *106 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 3 @ 4' (H250156-13)

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	01/15/2025	ND	1.88	93.9	2.00	3.88	
Toluene*	<0.050	0.050	01/15/2025	ND	2.03	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.00	99.9	2.00	4.64	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	5.86	97.6	6.00	4.81	
Total BTEX	<0.300	0.300	01/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.8 %* *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	**432**	16.0	01/14/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	167	83.3	200	1.80	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	169	84.5	200	0.929	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *111 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 3 @ 6' (H250156-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2025	ND	1.88	93.9	2.00	3.88	
Toluene*	<0.050	0.050	01/15/2025	ND	2.03	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.00	99.9	2.00	4.64	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	5.86	97.6	6.00	4.81	
Total BTEX	<0.300	0.300	01/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.5 %* *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	**528**	16.0	01/14/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	167	83.3	200	1.80	
DRO >C10-C28*	**25.2**	10.0	01/14/2025	ND	169	84.5	200	0.929	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *112 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *120 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 4 @ SUR (H250156-15)

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	01/14/2025	ND	1.95	97.6	2.00	1.78	QM-07, QR-03
Toluene*	<0.050	0.050	01/14/2025	ND	2.09	105	2.00	1.32	QR-03
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	2.15	107	2.00	0.706	QM-07, QR-03
Total Xylenes*	<0.150	0.150	01/14/2025	ND	6.48	108	6.00	1.01	QR-03
Total BTEX	<0.300	0.300	01/14/2025	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	**11600**	16.0	01/14/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	167	83.3	200	1.80	
DRO >C10-C28*	**55.0**	10.0	01/14/2025	ND	169	84.5	200	0.929	
EXT DRO >C28-C36	**17.5**	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *115 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 4 @ 1' (H250156-16)

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	01/14/2025	ND	1.95	97.6	2.00	1.78	
Toluene*	<0.050	0.050	01/14/2025	ND	2.09	105	2.00	1.32	
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	2.15	107	2.00	0.706	
Total Xylenes*	<0.150	0.150	01/14/2025	ND	6.48	108	6.00	1.01	
Total BTEX	<0.300	0.300	01/14/2025	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	**8400**	16.0	01/14/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	186	92.9	200	2.84	
DRO >C10-C28*	**59.7**	10.0	01/14/2025	ND	194	97.2	200	1.91	
EXT DRO >C28-C36	**21.2**	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *100 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 4 @ 2' (H250156-17)

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	01/14/2025	ND	1.95	97.6	2.00	1.78	
Toluene*	<0.050	0.050	01/14/2025	ND	2.09	105	2.00	1.32	
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	2.15	107	2.00	0.706	
Total Xylenes*	<0.150	0.150	01/14/2025	ND	6.48	108	6.00	1.01	
Total BTEX	<0.300	0.300	01/14/2025	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	**8600**	16.0	01/14/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	186	92.9	200	2.84	
DRO >C10-C28*	**31.8**	10.0	01/14/2025	ND	194	97.2	200	1.91	
EXT DRO >C28-C36	**11.5**	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *94.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 4 @ 3' (H250156-18)

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	01/14/2025	ND	1.95	97.6	2.00	1.78	
Toluene*	<0.050	0.050	01/14/2025	ND	2.09	105	2.00	1.32	
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	2.15	107	2.00	0.706	
Total Xylenes*	<0.150	0.150	01/14/2025	ND	6.48	108	6.00	1.01	
Total BTEX	<0.300	0.300	01/14/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**6260**	16.0	01/14/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	186	92.9	200	2.84	
DRO >C10-C28*	**12.7**	10.0	01/14/2025	ND	194	97.2	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *99.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *112 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 4 @ 4' (H250156-19)

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	01/14/2025	ND	1.95	97.6	2.00	1.78	
Toluene*	<0.050	0.050	01/14/2025	ND	2.09	105	2.00	1.32	
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	2.15	107	2.00	0.706	
Total Xylenes*	<0.150	0.150	01/14/2025	ND	6.48	108	6.00	1.01	
Total BTEX	<0.300	0.300	01/14/2025	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	**432**	16.0	01/14/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	186	92.9	200	2.84	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	194	97.2	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 5 @ SUR (H250156-20)

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	01/14/2025	ND	1.95	97.6	2.00	1.78	
Toluene*	<0.050	0.050	01/14/2025	ND	2.09	105	2.00	1.32	
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	2.15	107	2.00	0.706	
Total Xylenes*	<0.150	0.150	01/14/2025	ND	6.48	108	6.00	1.01	
Total BTEX	<0.300	0.300	01/14/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3640**	16.0	01/14/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	186	92.9	200	2.84	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	194	97.2	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *116 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 5 @ 1' (H250156-21)

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	01/14/2025	ND	1.95	97.6	2.00	1.78	
Toluene*	<0.050	0.050	01/14/2025	ND	2.09	105	2.00	1.32	
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	2.15	107	2.00	0.706	
Total Xylenes*	<0.150	0.150	01/14/2025	ND	6.48	108	6.00	1.01	
Total BTEX	<0.300	0.300	01/14/2025	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	**3760**	16.0	01/14/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	186	92.9	200	2.84	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	194	97.2	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *89.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *100 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 5 @ 2' (H250156-22)

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	01/14/2025	ND	1.95	97.6	2.00	1.78	
Toluene*	<0.050	0.050	01/14/2025	ND	2.09	105	2.00	1.32	
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	2.15	107	2.00	0.706	
Total Xylenes*	<0.150	0.150	01/14/2025	ND	6.48	108	6.00	1.01	
Total BTEX	<0.300	0.300	01/14/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**8930**	16.0	01/14/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	186	92.9	200	2.84	
DRO >C10-C28*	**44.4**	10.0	01/14/2025	ND	194	97.2	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 5 @ 3' (H250156-23)

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	01/14/2025	ND	1.95	97.6	2.00	1.78	
Toluene*	<0.050	0.050	01/14/2025	ND	2.09	105	2.00	1.32	
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	2.15	107	2.00	0.706	
Total Xylenes*	<0.150	0.150	01/14/2025	ND	6.48	108	6.00	1.01	
Total BTEX	<0.300	0.300	01/14/2025	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	**7460**	16.0	01/14/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	186	92.9	200	2.84	
DRO >C10-C28*	**70.2**	10.0	01/14/2025	ND	194	97.2	200	1.91	
EXT DRO >C28-C36	**18.0**	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *121 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 5 @ 4' (H250156-24)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2025	ND	1.95	97.6	2.00	1.78	
Toluene*	<0.050	0.050	01/14/2025	ND	2.09	105	2.00	1.32	
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	2.15	107	2.00	0.706	
Total Xylenes*	<0.150	0.150	01/14/2025	ND	6.48	108	6.00	1.01	
Total BTEX	<0.300	0.300	01/14/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**464**	16.0	01/14/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	186	92.9	200	2.84	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	194	97.2	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *98.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *110 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 6 @ SUR (H250156-25)

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	01/14/2025	ND	1.95	97.6	2.00	1.78	
Toluene*	<0.050	0.050	01/14/2025	ND	2.09	105	2.00	1.32	
Ethylbenzene*	<0.050	0.050	01/14/2025	ND	2.15	107	2.00	0.706	
Total Xylenes*	<0.150	0.150	01/14/2025	ND	6.48	108	6.00	1.01	
Total BTEX	<0.300	0.300	01/14/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**24800**	16.0	01/14/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	01/14/2025	ND	186	92.9	200	2.84	
DRO >C10-C28*	**535**	50.0	01/14/2025	ND	194	97.2	200	1.91	
EXT DRO >C28-C36	**442**	50.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *117 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *139 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 6 @ 1' (H250156-26)

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	01/15/2025	ND	1.95	97.6	2.00	1.78	
Toluene*	<0.050	0.050	01/15/2025	ND	2.09	105	2.00	1.32	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.15	107	2.00	0.706	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	6.48	108	6.00	1.01	
Total BTEX	<0.300	0.300	01/15/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**28000**	16.0	01/14/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	186	92.9	200	2.84	
DRO >C10-C28*	**390**	10.0	01/14/2025	ND	194	97.2	200	1.91	
EXT DRO >C28-C36	**269**	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *99.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *111 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 6 @ 2' (H250156-27)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2025	ND	1.95	97.6	2.00	1.78	
Toluene*	<0.050	0.050	01/15/2025	ND	2.09	105	2.00	1.32	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.15	107	2.00	0.706	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	6.48	108	6.00	1.01	
Total BTEX	<0.300	0.300	01/15/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**25600**	16.0	01/14/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	186	92.9	200	2.84	
DRO >C10-C28*	**320**	10.0	01/14/2025	ND	194	97.2	200	1.91	
EXT DRO >C28-C36	**253**	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *115 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 6 @ 3' (H250156-28)

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	01/15/2025	ND	1.95	97.6	2.00	1.78	
Toluene*	<0.050	0.050	01/15/2025	ND	2.09	105	2.00	1.32	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.15	107	2.00	0.706	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	6.48	108	6.00	1.01	
Total BTEX	<0.300	0.300	01/15/2025	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	**18800**	16.0	01/14/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	186	92.9	200	2.84	
DRO >C10-C28*	**249**	10.0	01/14/2025	ND	194	97.2	200	1.91	
EXT DRO >C28-C36	**212**	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *123 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 6 @ 4' (H250156-29)

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	01/15/2025	ND	1.95	97.6	2.00	1.78	
Toluene*	<0.050	0.050	01/15/2025	ND	2.09	105	2.00	1.32	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.15	107	2.00	0.706	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	6.48	108	6.00	1.01	
Total BTEX	<0.300	0.300	01/15/2025	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	**19200**	16.0	01/14/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	186	92.9	200	2.84	
DRO >C10-C28*	**288**	10.0	01/14/2025	ND	194	97.2	200	1.91	
EXT DRO >C28-C36	**265**	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 6 @ 6' (H250156-30)

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	01/15/2025	ND	1.95	97.6	2.00	1.78	
Toluene*	<0.050	0.050	01/15/2025	ND	2.09	105	2.00	1.32	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.15	107	2.00	0.706	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	6.48	108	6.00	1.01	
Total BTEX	<0.300	0.300	01/15/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**6480**	16.0	01/14/2025	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	186	92.9	200	2.84	
DRO >C10-C28*	**172**	10.0	01/14/2025	ND	194	97.2	200	1.91	
EXT DRO >C28-C36	**151**	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *95.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *112 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/13/2025	Sampling Date:	01/10/2025
Reported:	01/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: DEF 6 @ 8' (H250156-31)

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	01/15/2025	ND	1.95	97.6	2.00	1.78	
Toluene*	<0.050	0.050	01/15/2025	ND	2.09	105	2.00	1.32	
Ethylbenzene*	<0.050	0.050	01/15/2025	ND	2.15	107	2.00	0.706	
Total Xylenes*	<0.150	0.150	01/15/2025	ND	6.48	108	6.00	1.01	
Total BTEX	<0.300	0.300	01/15/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**544**	16.0	01/14/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2025	ND	186	92.9	200	2.84	
DRO >C10-C28*	<10.0	10.0	01/14/2025	ND	194	97.2	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	01/14/2025	ND					

Surrogate: 1-Chlorooctane *99.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *113 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.			**BILL TO**	
Project Manager:	Lance Crenshaw			**P.O. #:**	
Address:	2617 West Marland			**Company:**	Mewbourne
City:	Hobbs	**State:** NM	**Zip:** 88240	**Attn:**	Connor Walker
Phone #:	(575) 264-9884	**Fax #:**		**Address:**	
Project #:	21572	**Project Owner:**	Mewbourne	**City:**	
Project Name:	Cooksey 36 State Com 1H			**State:**	**Zip:**
Project Location:	32.079922, -104.135917			**Phone #:**	
Sampler Name:	Martin Sepulveda			**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST											
Lab I.D. H250156	**Sample I.D.**	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)										
1	NW 1	C	1			X					X		1/10/25		X	X	X									
2	NW 2	C	1			X					X		1/10/25		X	X	X									
3	EW 6	C	1			X					X		1/10/25		X	X	X									
4	SW 1	C	1			X					X		1/10/25		X	X	X									
5	SW 2	C	1			X					X		1/10/25		X	X	X									
6	WW 1	C	1			X					X		1/10/25		X	X	X									
7	WW 2	C	1			X					X		1/10/25		X	X	X									
8	WW 3	C	1			X					X		1/10/25		X	X	X									
9	DEF 3 @ Sur	G	1			X					X		1/10/25		X	X	X									
10	DEF 3 @ 1'	G	1			X					X		1/10/25		X	X	X									

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

Relinquished By:	**Date:** 1-13-25	**Received By:**	**Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:**
	Time: 1500		**All Results are emailed. Please provide Email address:** pm@etechenv.com
Relinquished By:	**Date:**	**Received By:**	**REMARKS:**
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	**Observed Temp. °C** -9.2 **Corrected Temp. °C** -9.8	**Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No	**CHECKED BY: (Initials)** KD	**Turnaround Time:** Standard ☒ Rush ☐ **Thermometer ID** #140 **Correction Factor** -0.6°C

Bacteria (only) Sample Condition Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ 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

Received by OCD: 5/28/2026 2:47:43 PM

Released to Imaging: 6/9/2026 4:08:54 PM

Page 147 of 345

Page 35 of 37

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.	**BILL TO**	
Project Manager:	Lance Crenshaw	**P.O. #:**	
Address:	2617 West Marland	**Company:**	Mewbourne
City:	Hobbs **State:** NM **Zip:** 88240	**Attn:**	Connor Walker
Phone #:	(575) 264-9884 **Fax #:**	**Address:**	
Project #:	21572 **Project Owner:** Mewbourne	**City:**	
Project Name:	Cooksey 36 State Com 1H	**State:** **Zip:**	
Project Location:	32.079922, -104.135917	**Phone #:**	
Sampler Name:	Martin Sepulveda	**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)									
H250156																									
11	DEF 3 @ 2'	G	1			X					X		1/10/25		X	X	X								
12	DEF 3 @ 3'	G	1			X					X		1/10/25		X	X	X								
13	DEF 3 @ 4'	G	1			X					X		1/10/25		X	X	X								
14	DEF 3 @ 6'	G	1			X					X		1/10/25		X	X	X								
15	DEF 4 @ Sur	G	1			X					X		1/10/25		X	X	X								
16	DEF 4 @ 1'	G	1			X					X		1/10/25		X	X	X								
17	DEF 4 @ 2'	G	1			X					X		1/10/25		X	X	X								
18	DEF 4 @ 3'	G	1			X					X		1/10/25		X	X	X								
19	DEF 4 @ 4'	G	1			X					X		1/10/25		X	X	X								
20	DEF 5 @ Sur	G	1			X					X		1/10/25		X	X	X								

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

Relinquished By:	**Date:** 1-13-25	**Received By:**	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1500		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** -9.2	**Sample Condition** Cool Intact	**CHECKED BY: (Initials)**	**Turnaround Time:** Standard ☒ Rush ☐
Sampler - UPS - Bus - Other:	**Corrected Temp. °C** -9.8	☐ Yes ☐ Yes ☐ No ☐ No	AD	Thermometer ID #140 Correction Factor -0.6°C

Bacteria (only) Sample Condition Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

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

Received by OCD: 5/28/2026 2:47:43 PM

Released to Imaging: 6/9/2026 4:08:54 PM

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.	**BILL TO**	
Project Manager:	Lance Crenshaw	**P.O. #:**	
Address:	2617 West Marland	**Company:**	Mewbourne
City:	Hobbs **State:** NM **Zip:** 88240	**Attn:**	Connor Walker
Phone #:	(575) 264-9884 **Fax #:**	**Address:**	
Project #:	21572 **Project Owner:** Mewbourne	**City:**	
Project Name:	Cooksey 36 State Com 1H	**State:** **Zip:**	
Project Location:	32.079922, -104.135917	**Phone #:**	
Sampler Name:	Martin Sepulveda	**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)									
H250156																									
21	DEF 5 @ 1'	G	1			X					X		1/10/25		X	X	X								
22	DEF 5 @ 2'	G	1			X					X		1/10/25		X	X	X								
23	DEF 5 @ 3'	G	1			X					X		1/10/25		X	X	X								
24	DEF 5 @ 4'	G	1			X					X		1/10/25		X	X	X								
25	DEF 6 @ Sur	G	1			X					X		1/10/25		X	X	X								
26	DEF 6 @ 1'	G	1			X					X		1/10/25		X	X	X								
27	DEF 6 @ 2'	G	1			X					X		1/10/25		X	X	X								
28	DEF 6 @ 3'	G	1			X					X		1/10/25		X	X	X								
29	DEF 6 @ 4'	G	1			X					X		1/10/25		X	X	X								
30	DEF 6 @ 6'	G	1			X					X		1/10/25		X	X	X								

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

Relinquished By:	**Date:** 1-3-25	**Received By:**	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1500		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** -9.2	**Sample Condition** Cool Intact	**CHECKED BY: (Initials)**	**Turnaround Time:** Standard ☒ Rush ☐
Sampler - UPS - Bus - Other:	**Corrected Temp. °C** -9.8	☑ Yes ☑ Yes ☐ No ☐ No	AB	Thermometer ID #140 Correction Factor -0.6°C

Bacteria (only) Sample Condition Cool Intact Observed Temp. °C ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

FORM-006 R 3.5 08/05/24

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

Received by OCD: 5/28/2026 2:47:43 PM

Released to Imaging: 6/9/2026 4:08:54 PM

Page 149 of 345

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.	**BILL TO**	
Project Manager:	Lance Crenshaw	**P.O. #:**	
Address:	2617 West Marland	**Company:**	Mewbourne
City:	Hobbs **State:** NM **Zip:** 88240	**Attn:**	Connor Walker
Phone #:	(575) 264-9884 **Fax #:**	**Address:**	
Project #:	21572 **Project Owner:** Mewbourne	**City:**	
Project Name:	Cooksey 36 State Com 1H	**State:**	**Zip:**
Project Location:	32.079922, -104.135917	**Phone #:**	
Sampler Name:	Martin Sepulveda	**Fax #:**	

FOR LAB USE ONLY				MATRIX							PRESERV.			SAMPLING		ANALYSIS REQUEST												
Lab I.D.	**Sample I.D.**	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)												
H250156																												
31	DEF 6 @ 8'	G	1			X					X		1/10/25		X	X	X											

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

Relinquished By:	**Date:** 1.13.25	**Received By:**	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1500		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** -9.2	**Sample Condition** Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	**CHECKED BY: (Initials)** AT	**Turnaround Time:** Standard ☒ Rush ☐
Sampler - UPS - Bus - Other:	**Corrected Temp. °C** -9.8			**Thermometer ID** #140 **Correction Factor** -0.6°C

Bacteria (only) Sample Condition Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ 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

Received by OCD: 5/28/2026 2:47:43 PM

Released to Imaging: 6/9/2026 4:08:54 PM

CARDINAL Laboratories

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

January 17, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: COOKSEY 36 STATE COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 01/15/25 14:47.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/15/2025	Sampling Date:	01/14/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL 7 @ 8' (H250214-01)

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	01/16/2025	ND	1.88	94.1	2.00	2.92	
Toluene*	<0.050	0.050	01/16/2025	ND	1.94	97.0	2.00	0.243	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	3.04	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.37	106	6.00	3.36	
Total BTEX	<0.300	0.300	01/16/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	01/16/2025	ND	448	112	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	194	96.9	200	0.769	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	175	87.4	200	0.503	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane *83.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.4 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/15/2025	Sampling Date:	01/14/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL 9 @ 8' (H250214-02)

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	01/16/2025	ND	1.88	94.1	2.00	2.92	
Toluene*	<0.050	0.050	01/16/2025	ND	1.94	97.0	2.00	0.243	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	3.04	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.37	106	6.00	3.36	
Total BTEX	<0.300	0.300	01/16/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**352**	16.0	01/16/2025	ND	448	112	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	194	96.9	200	0.769	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	175	87.4	200	0.503	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane *92.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/15/2025	Sampling Date:	01/14/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL 10 @ 8' (H250214-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	1.88	94.1	2.00	2.92	
Toluene*	<0.050	0.050	01/16/2025	ND	1.94	97.0	2.00	0.243	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	3.04	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.37	106	6.00	3.36	
Total BTEX	<0.300	0.300	01/16/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	01/16/2025	ND	448	112	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	194	96.9	200	0.769	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	175	87.4	200	0.503	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane *93.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/15/2025	Sampling Date:	01/14/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL 11 @ 8' (H250214-04)

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	01/16/2025	ND	1.88	94.1	2.00	2.92	
Toluene*	<0.050	0.050	01/16/2025	ND	1.94	97.0	2.00	0.243	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	3.04	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.37	106	6.00	3.36	
Total BTEX	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	01/16/2025	ND	448	112	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	194	96.9	200	0.769	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	175	87.4	200	0.503	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane *85.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.5 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/15/2025	Sampling Date:	01/14/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL 12 @ 8' (H250214-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	1.88	94.1	2.00	2.92	
Toluene*	<0.050	0.050	01/16/2025	ND	1.94	97.0	2.00	0.243	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	3.04	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.37	106	6.00	3.36	
Total BTEX	<0.300	0.300	01/16/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	01/16/2025	ND	448	112	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	194	96.9	200	0.769	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	175	87.4	200	0.503	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane *83.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.7 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/15/2025	Sampling Date:	01/14/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL 13 @ 4' (H250214-06)

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	01/16/2025	ND	1.88	94.1	2.00	2.92	
Toluene*	<0.050	0.050	01/16/2025	ND	1.94	97.0	2.00	0.243	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	3.04	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.37	106	6.00	3.36	
Total BTEX	<0.300	0.300	01/16/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**496**	16.0	01/16/2025	ND	448	112	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	194	96.9	200	0.769	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	175	87.4	200	0.503	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane *91.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/15/2025	Sampling Date:	01/14/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL 14 @ 4' (H250214-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	2.44	122	2.00	5.76	
Toluene*	<0.050	0.050	01/16/2025	ND	2.43	121	2.00	8.53	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.52	126	2.00	9.86	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	7.64	127	6.00	10.4	
Total BTEX	<0.300	0.300	01/16/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**464**	16.0	01/16/2025	ND	448	112	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	194	96.9	200	0.769	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	175	87.4	200	0.503	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane *97.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *109 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/15/2025	Sampling Date:	01/14/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL 15 @ 4' (H250214-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	2.44	122	2.00	5.76	
Toluene*	<0.050	0.050	01/16/2025	ND	2.43	121	2.00	8.53	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.52	126	2.00	9.86	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	7.64	127	6.00	10.4	
Total BTEX	<0.300	0.300	01/16/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**432**	16.0	01/16/2025	ND	448	112	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	194	96.9	200	0.769	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	175	87.4	200	0.503	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane *85.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.8 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/15/2025	Sampling Date:	01/14/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL 16 @ 4' (H250214-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	2.44	122	2.00	5.76	
Toluene*	<0.050	0.050	01/16/2025	ND	2.43	121	2.00	8.53	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.52	126	2.00	9.86	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	7.64	127	6.00	10.4	
Total BTEX	<0.300	0.300	01/16/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**464**	16.0	01/16/2025	ND	448	112	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	194	96.9	200	0.769	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	175	87.4	200	0.503	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane *66.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *75.7 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/15/2025	Sampling Date:	01/14/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL 17 @ 4' (H250214-10)

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	01/16/2025	ND	2.44	122	2.00	5.76	
Toluene*	<0.050	0.050	01/16/2025	ND	2.43	121	2.00	8.53	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.52	126	2.00	9.86	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	7.64	127	6.00	10.4	
Total BTEX	<0.300	0.300	01/16/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**512**	16.0	01/16/2025	ND	448	112	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	175	87.7	200	1.91	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	165	82.3	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane *95.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/15/2025	Sampling Date:	01/14/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL 18 @ 4' (H250214-11)

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	01/16/2025	ND	2.44	122	2.00	5.76	
Toluene*	<0.050	0.050	01/16/2025	ND	2.43	121	2.00	8.53	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.52	126	2.00	9.86	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	7.64	127	6.00	10.4	
Total BTEX	<0.300	0.300	01/16/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**480**	16.0	01/16/2025	ND	448	112	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	175	87.7	200	1.91	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	165	82.3	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *106 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/15/2025	Sampling Date:	01/14/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL 19 @ 4' (H250214-12)

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	01/16/2025	ND	2.44	122	2.00	5.76	
Toluene*	<0.050	0.050	01/16/2025	ND	2.43	121	2.00	8.53	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.52	126	2.00	9.86	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	7.64	127	6.00	10.4	
Total BTEX	<0.300	0.300	01/16/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**432**	16.0	01/16/2025	ND	448	112	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	175	87.7	200	1.91	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	165	82.3	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane *98.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/15/2025	Sampling Date:	01/14/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL 20 @ 4' (H250214-13)

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	01/16/2025	ND	2.44	122	2.00	5.76	
Toluene*	<0.050	0.050	01/16/2025	ND	2.43	121	2.00	8.53	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.52	126	2.00	9.86	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	7.64	127	6.00	10.4	
Total BTEX	<0.300	0.300	01/16/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**496**	16.0	01/16/2025	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	01/16/2025	ND	175	87.7	200	1.91	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	165	82.3	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/15/2025	Sampling Date:	01/14/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL 21 @ 4' (H250214-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	2.44	122	2.00	5.76	
Toluene*	<0.050	0.050	01/16/2025	ND	2.43	121	2.00	8.53	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.52	126	2.00	9.86	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	7.64	127	6.00	10.4	
Total BTEX	<0.300	0.300	01/16/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**576**	16.0	01/16/2025	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	01/16/2025	ND	175	87.7	200	1.91	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	165	82.3	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane *98.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/15/2025	Sampling Date:	01/14/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL 22 @ 4' (H250214-15)

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	01/16/2025	ND	2.44	122	2.00	5.76	
Toluene*	<0.050	0.050	01/16/2025	ND	2.43	121	2.00	8.53	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.52	126	2.00	9.86	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	7.64	127	6.00	10.4	
Total BTEX	<0.300	0.300	01/16/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**544**	16.0	01/16/2025	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	01/16/2025	ND	175	87.7	200	1.91	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	165	82.3	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *111 %* *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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/15/2025	Sampling Date:	01/14/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL 23 @ 4' (H250214-16)

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	01/16/2025	ND	2.44	122	2.00	5.76	
Toluene*	<0.050	0.050	01/16/2025	ND	2.43	121	2.00	8.53	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.52	126	2.00	9.86	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	7.64	127	6.00	10.4	
Total BTEX	<0.300	0.300	01/16/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**544**	16.0	01/16/2025	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	01/16/2025	ND	175	87.7	200	1.91	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	165	82.3	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/15/2025	Sampling Date:	01/14/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL 24 @ 4' (H250214-17)

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	01/16/2025	ND	2.44	122	2.00	5.76	
Toluene*	<0.050	0.050	01/16/2025	ND	2.43	121	2.00	8.53	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.52	126	2.00	9.86	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	7.64	127	6.00	10.4	
Total BTEX	<0.300	0.300	01/16/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**480**	16.0	01/16/2025	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	01/16/2025	ND	175	87.7	200	1.91	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	165	82.3	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane *97.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *100 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/15/2025	Sampling Date:	01/14/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL 25 @ 4' (H250214-18)

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	01/16/2025	ND	2.44	122	2.00	5.76	
Toluene*	<0.050	0.050	01/16/2025	ND	2.43	121	2.00	8.53	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.52	126	2.00	9.86	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	7.64	127	6.00	10.4	
Total BTEX	<0.300	0.300	01/16/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**512**	16.0	01/16/2025	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	01/16/2025	ND	175	87.7	200	1.91	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	165	82.3	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *111 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.	**BILL TO**	
Project Manager:	Lance Crenshaw	**P.O. #:**	
Address:	2617 West Marland	**Company:**	Mewbourne
City:	Hobbs **State:** NM **Zip:** 88240	**Attn:**	Connor Walker
Phone #:	(575) 264-9884 **Fax #:**	**Address:**	
Project #:	21572 **Project Owner:** Mewbourne	**City:**	
Project Name:	Cooksey 36 State Com 1H	**State:** **Zip:**	
Project Location:	32.079922, -104.135917	**Phone #:**	
Sampler Name:	Martin Sepulveda	**Fax #:**	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)	Rush! 3 Day added per [illegible] 1/15/25
H250 2K4																		
1	FL 7 @ 8'	C	1			X					X		1/14/25		X	X	X	✓
2	FL 9 @ 8'	C	1			X					X		1/14/25		X	X	X	
3	FL 10 @ 8'	C	1			X					X		1/14/25		X	X	X	
4	FL 11 @ 8'	C	1			X					X		1/14/25		X	X	X	
5	FL 12 @ 8'	C	1			X					X		1/14/25		X	X	X	
6	FL 13 @ 4'	C	1			X					X		1/14/25		X	X	X	
7	FL 14 @ 4'	C	1			X					X		1/14/25		X	X	X	
8	FL 15 @ 4'	C	1			X					X		1/14/25		X	X	X	
9	FL 16 @ 4'	C	1			X					X		1/14/25		X	X	X	
10	FL 17 @ 4'	C	1			X					X		1/14/25		X	X	X	

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

Relinquished By:	**Date:** 1-15-25	**Received By:**	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1447		All Results are emailed. Please provide Email address: pm@etechenv.com
Relinquished By:	**Date:**	**Received By:**	REMARKS: See Email for Billing!!
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	**Observed Temp. °C** -5.8 **Corrected Temp. °C** -6.4	**Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No	**CHECKED BY: (Initials)**	**Turnaround Time:** Standard ☒ Rush ☐ Thermometer ID #140 Correction Factor -0.6°C

Bacteria (only) Sample Condition Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ 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

Received by OCD: 5/28/2026 2:47:43 PM

Released to Imaging: 6/9/2026 4:08:54 PM

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.	**BILL TO**	
Project Manager:	Lance Crenshaw	**P.O. #:**	
Address:	2617 West Marland	**Company:**	Mewbourne
City:	Hobbs **State:** NM **Zip:** 88240	**Attn:**	Connor Walker
Phone #:	(575) 264-9884 **Fax #:**	**Address:**	
Project #:	21572 **Project Owner:** Mewbourne	**City:**	
Project Name:	Cooksey 36 State Com 1H	**State:** **Zip:**	
Project Location:	32.079922, -104.135917	**Phone #:**	
Sampler Name:	Martin Sepulveda	**Fax #:**	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)	Rush! added 2 Days 1/15/25
H250214																		
11	FL 18 @ 4'	C	1			X					X		1/14/25		X	X	X	
12	FL 19 @ 4'	C	1			X					X		1/14/25		X	X	X	
13	FL 20 @ 4'	C	1			X					X		1/14/25		X	X	X	
14	FL 21 @ 4'	C	1			X					X		1/14/25		X	X	X	
15	FL 22 @ 4'	C	1			X					X		1/14/25		X	X	X	
16	FL 23 @ 4'	C	1			X					X		1/14/25		X	X	X	
17	FL 24 @ 4'	C	1			X					X		1/14/25		X	X	X	
18	FL 25 @ 4'	C	1			X					X		1/14/25		X	X	X	

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

Relinquished By:	**Date:** 1-15-25 **Time:** 1447	**Received By:**	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			All Results are emailed. Please provide Email address: pm@etechenv.com
Relinquished By:	**Date:** **Time:**	**Received By:**	**REMARKS:** See Email for Billing!!

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	**Observed Temp. °C** 5.8 **Corrected Temp. °C** 4.4	**Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No	**CHECKED BY: (Initials)** SK	**Turnaround Time:** Standard ☒ Rush ☐ Thermometer ID #140 Correction Factor -0.6°C	**Bacteria (only) Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ 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

Received by OCD: 5/28/2026 2:47:43 PM

Released to Imaging: 6/9/2026 4:08:54 PM

CARDINAL Laboratories

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

January 17, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: COOKSEY 36 STATE COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 01/16/25 8:32.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL 1 @ 6' (H250230-01)

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	01/16/2025	ND	2.08	104	2.00	0.868	
Toluene*	<0.050	0.050	01/16/2025	ND	2.21	110	2.00	0.229	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.25	112	2.00	0.127	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.82	114	6.00	0.126	
Total BTEX	<0.300	0.300	01/16/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	01/16/2025	ND	448	112	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	195	97.7	200	1.29	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	199	99.3	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane *98.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *112 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL 2 @ 6' (H250230-02)

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	01/16/2025	ND	2.08	104	2.00	0.868	
Toluene*	<0.050	0.050	01/16/2025	ND	2.21	110	2.00	0.229	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.25	112	2.00	0.127	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.82	114	6.00	0.126	
Total BTEX	<0.300	0.300	01/16/2025	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	01/16/2025	ND	448	112	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	195	97.7	200	1.29	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	199	99.3	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane *108 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *121 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL 3 @ 6' (H250230-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	0.868	
Toluene*	<0.050	0.050	01/16/2025	ND	2.21	110	2.00	0.229	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.25	112	2.00	0.127	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.82	114	6.00	0.126	
Total BTEX	<0.300	0.300	01/16/2025	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	01/16/2025	ND	448	112	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	195	97.7	200	1.29	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	199	99.3	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *121 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL 4 @ 8' (H250230-04)

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	01/16/2025	ND	2.08	104	2.00	0.868	
Toluene*	<0.050	0.050	01/16/2025	ND	2.21	110	2.00	0.229	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.25	112	2.00	0.127	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.82	114	6.00	0.126	
Total BTEX	<0.300	0.300	01/16/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	01/16/2025	ND	448	112	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	195	97.7	200	1.29	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	199	99.3	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane *93.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *106 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL 5 @ 8' (H250230-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	0.868	
Toluene*	<0.050	0.050	01/16/2025	ND	2.21	110	2.00	0.229	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.25	112	2.00	0.127	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.82	114	6.00	0.126	
Total BTEX	<0.300	0.300	01/16/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	01/16/2025	ND	448	112	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	195	97.7	200	1.29	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	199	99.3	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *119 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: FL 6 @ 8' (H250230-06)

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	01/16/2025	ND	2.08	104	2.00	0.868	
Toluene*	<0.050	0.050	01/16/2025	ND	2.21	110	2.00	0.229	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.25	112	2.00	0.127	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.82	114	6.00	0.126	
Total BTEX	<0.300	0.300	01/16/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	01/16/2025	ND	448	112	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	195	97.7	200	1.29	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	199	99.3	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

Page 180 of 345

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

Company Name:	Etech Environmental & Safety Solutions, Inc.	**BILL TO**	
Project Manager:	Lance Crenshaw	**P.O. #:**	
Address:	2617 West Marland	**Company:**	SEE REMARKS
City:	Hobbs **State:** NM **Zip:** 88240	**Attn:**	
Phone #:	(575) 264-9884 **Fax #:**	**Address:**	
Project #:	21572 **Project Owner:** Mewbourne	**City:**	
Project Name:	Cooksey 36 State Com 1H	**State:** **Zip:**	
Project Location:	32.079922, -104.135917	**Phone #:**	
Sampler Name:	Martin Sepulveda	**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)									
H250230																									
1	FL 1 @ 6'	C	1			X					X		1/15/25		X	X	X								
2	FL 2 @ 6'	C	1			X					X		1/15/25		X	X	X								
3	FL 3 @ 6'	C	1			X					X		1/15/25		X	X	X								
4	FL 4 @ 8'	C	1			X					X		1/15/25		X	X	X								
5	FL 5 @ 8'	C	1			X					X		1/15/25		X	X	X								
6	FL 6 @ 8'	C	1			X					X		1/15/25		X	X	X								

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

Relinquished By:	**Date:** 1.16.25	**Received By:** Rodriguez	**Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:**
	Time: 0832		**All Results are emailed. Please provide Email address:** pm@etechenv.com
Relinquished By:	**Date:**	**Received By:**	**REMARKS:** 24 HOUR RUSH - Bill analytical charges to Mewbourne c/o Connor Walker and rush charges to Etech c/o Lance Crenshaw.
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	**Observed Temp. °C** 5.0 **Corrected Temp. °C** 4.2	**Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No	**CHECKED BY: (Initials)** SR	**Turnaround Time:** Standard ☐ Rush ☒ 24 HR **Thermometer ID** #140 **Correction Factor** -0.6°C **Bacteria (only) Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ 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

Received by OCD: 5/28/2026 2:47:43 PM

Released to Imaging: 6/9/2026 4:08:54 PM

CARDINAL Laboratories

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

January 20, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: COOKSEY 36 STATE COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 01/17/25 15:09.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/17/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: EW 6B (H250298-01)

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	01/18/2025	ND	2.23	111	2.00	7.63	
Toluene*	<0.050	0.050	01/18/2025	ND	2.17	109	2.00	3.83	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.36	118	2.00	1.76	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.26	121	6.00	2.09	
Total BTEX	<0.300	0.300	01/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *125 %* *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	**480**	16.0	01/20/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/18/2025	ND	198	99.2	200	4.22	
DRO >C10-C28*	<10.0	10.0	01/18/2025	ND	202	101	200	5.63	
EXT DRO >C28-C36	<10.0	10.0	01/18/2025	ND					

Surrogate: 1-Chlorooctane *76.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *72.4 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/17/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: WW 2B (H250298-02)

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	01/18/2025	ND	2.23	111	2.00	7.63	
Toluene*	<0.050	0.050	01/18/2025	ND	2.17	109	2.00	3.83	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.36	118	2.00	1.76	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	7.26	121	6.00	2.09	
Total BTEX	<0.300	0.300	01/18/2025	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	**512**	16.0	01/20/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/18/2025	ND	198	99.2	200	4.22	
DRO >C10-C28*	<10.0	10.0	01/18/2025	ND	202	101	200	5.63	
EXT DRO >C28-C36	<10.0	10.0	01/18/2025	ND					

Surrogate: 1-Chlorooctane *77.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *76.6 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.		**BILL TO**		
Project Manager:	Lance Crenshaw		**P.O. #:**		
Address:	2617 West Marland		**Company:**	Mewbourne	
City:	Hobbs	**State:** NM **Zip:** 88240	**Attn:**	Connor Walker	
Phone #:	(575) 264-9884	**Fax #:**	**Address:**		
Project #:	21572	**Project Owner:** Mewbourne	**City:**		
Project Name:	Cooksey 36 State Com 1H		**State:**	**Zip:**	
Project Location:	32.079922, -104.135917		**Phone #:**		
Sampler Name:	Martin Sepulveda		**Fax #:**		

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST										
Lab I.D.	**Sample I.D.**	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)								
H250298																									
1	EW 6 B	C	1			X					X		1/17/25		X	X	X								
2	WW 2 B	C	1			X					X		1/17/25		X	X	X								

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

Relinquished By:	**Date:** 1-17-25 **Time:** 1509	**Received By:**	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
			All Results are emailed. Please provide Email address: pm@etechenv.com
Relinquished By:	**Date:** **Time:**	**Received By:**	REMARKS: 24 HOUR RUSH
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	**Observed Temp. °C** 3.4 **Corrected Temp. °C** -4.0	**Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No	**CHECKED BY:** (Initials) SR
			Turnaround Time: Standard ☐ Rush ☒
			Thermometer ID #140 Correction Factor -0.6°C
			Bacteria (only) Sample Condition Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ 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

Received by OCD: 5/28/2026 2:47:43 PM

Released to Imaging: 6/9/2026 4:08:54 PM

CARDINAL Laboratories

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

September 16, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: COOKSEY 36 STATE COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 09/15/25 14:51.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	09/15/2025	Sampling Date:	09/12/2025
Reported:	09/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: FL 26 @ 5' (H255753-01)

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	09/15/2025	ND	1.69	84.7	2.00	6.39	
Toluene*	<0.050	0.050	09/15/2025	ND	1.76	87.9	2.00	3.45	
Ethylbenzene*	<0.050	0.050	09/15/2025	ND	1.79	89.3	2.00	0.155	
Total Xylenes*	<0.150	0.150	09/15/2025	ND	5.57	92.8	6.00	0.910	
Total BTEX	<0.300	0.300	09/15/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	09/16/2025	ND	464	116	400	7.14	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2025	ND	215	107	200	4.71	
DRO >C10-C28*	<10.0	10.0	09/15/2025	ND	208	104	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	09/15/2025	ND					

Surrogate: 1-Chlorooctane *76.6 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *71.2 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	09/15/2025	Sampling Date:	09/12/2025
Reported:	09/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: FL 27 @ 4' (H255753-02)

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	09/15/2025	ND	1.69	84.7	2.00	6.39	
Toluene*	<0.050	0.050	09/15/2025	ND	1.76	87.9	2.00	3.45	
Ethylbenzene*	<0.050	0.050	09/15/2025	ND	1.79	89.3	2.00	0.155	
Total Xylenes*	<0.150	0.150	09/15/2025	ND	5.57	92.8	6.00	0.910	
Total BTEX	<0.300	0.300	09/15/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	09/16/2025	ND	464	116	400	7.14	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2025	ND	215	107	200	4.71	
DRO >C10-C28*	<10.0	10.0	09/15/2025	ND	208	104	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	09/15/2025	ND					

Surrogate: 1-Chlorooctane *84.0 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *79.1 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	09/15/2025	Sampling Date:	09/12/2025
Reported:	09/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: FL 28 @ 6' (H255753-03)

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	09/15/2025	ND	1.69	84.7	2.00	6.39	
Toluene*	<0.050	0.050	09/15/2025	ND	1.76	87.9	2.00	3.45	
Ethylbenzene*	<0.050	0.050	09/15/2025	ND	1.79	89.3	2.00	0.155	
Total Xylenes*	<0.150	0.150	09/15/2025	ND	5.57	92.8	6.00	0.910	
Total BTEX	<0.300	0.300	09/15/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	09/16/2025	ND	464	116	400	7.14	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2025	ND	215	107	200	4.71	
DRO >C10-C28*	**159**	10.0	09/15/2025	ND	208	104	200	4.53	
EXT DRO >C28-C36	**151**	10.0	09/15/2025	ND					

Surrogate: 1-Chlorooctane *85.0 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *83.2 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	09/15/2025	Sampling Date:	09/12/2025
Reported:	09/16/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: FL 29 @ 6' (H255753-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/15/2025	ND	1.69	84.7	2.00	6.39	
Toluene*	<0.050	0.050	09/15/2025	ND	1.76	87.9	2.00	3.45	
Ethylbenzene*	<0.050	0.050	09/15/2025	ND	1.79	89.3	2.00	0.155	
Total Xylenes*	<0.150	0.150	09/15/2025	ND	5.57	92.8	6.00	0.910	
Total BTEX	<0.300	0.300	09/15/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	09/16/2025	ND	464	116	400	7.14	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2025	ND	215	107	200	4.71	
DRO >C10-C28*	**94.6**	10.0	09/15/2025	ND	208	104	200	4.53	
EXT DRO >C28-C36	**83.4**	10.0	09/15/2025	ND					

Surrogate: 1-Chlorooctane *81.0 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *79.1 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

Page 192 of 345

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.	**BILL TO**	
Project Manager:	Lance Crenshaw	**P.O. #:**	
Address:	2617 West Marland	**Company:**	Etech
City:	Hobbs **State:** NM **Zip:** 88240	**Attn:**	Lance Crenshaw
Phone #:	(575) 264-9884 **Fax #:**	**Address:**	
Project #:	21572 **Project Owner:** Mewbourne Oil Company	**City:**	
Project Name:	Cooksey 36 St Com #1H Battery	**State:** **Zip:**	
Project Location:	32.07997, -104.13602	**Phone #:**	
Sampler Name:	Martin Sepulveda	**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST											
Lab I.D.	**Sample I.D.**	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	**DATE**	**TIME**	Chloride	TPH (8015M)	BTEX (8021B)									
H255753																									
1	FL 26 @ 5'	C	1			X					X		9/12/25		X	X	X								
2	FL 27 @ 4'	C	1			X					X		9/12/25		X	X	X								
3	FL 28 @ 6'	C	1			X					X		9/12/25		X	X	X								
4	FL 29 @ 6'	C	1			X					X		9/12/25		X	X	X								

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

Relinquished By:	Date: 9-15-25	**Received By:**	Verbal Result: ☐ Yes ☐ No	Add'l Phone #:
	Time: 1451		All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:	Date:	**Received By:**	REMARKS: 24H Rush	
	Time:			

Delivered By: (Circle One)	Observed Temp. °C -3.3	Sample Condition Cool: ☑ Yes ☐ No Intact: ☐ Yes ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Rush ☒	Bacteria (only) Sample Condition Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C -3.0			Thermometer ID #140 Correction Factor -0.6°C +0.3	Corrected Temp. °C

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

Received by OCD: 5/28/2026 2:47:43 PM

Released to Imaging: 6/9/2026 4:08:54 PM

CARDINAL Laboratories

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

September 19, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: COOKSEY 36 STATE COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 09/15/25 14:51.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	09/15/2025	Sampling Date:	09/12/2025
Reported:	09/19/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: DEF 7 @ SUR (H255754-01)

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	09/16/2025	ND	1.74	87.1	2.00	1.72	
Toluene*	<0.050	0.050	09/16/2025	ND	1.78	88.9	2.00	3.17	
Ethylbenzene*	<0.050	0.050	09/16/2025	ND	1.77	88.7	2.00	4.16	
Total Xylenes*	<0.150	0.150	09/16/2025	ND	5.20	86.6	6.00	3.99	
Total BTEX	<0.300	0.300	09/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *88.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2640**	16.0	09/16/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2025	ND	220	110	200	3.05	
DRO >C10-C28*	**31.8**	10.0	09/16/2025	ND	215	108	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	09/16/2025	ND					

Surrogate: 1-Chlorooctane *79.5 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *66.9 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	09/15/2025	Sampling Date:	09/12/2025
Reported:	09/19/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: DEF 7 @ 1' (H255754-02)

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	09/16/2025	ND	1.74	87.1	2.00	1.72	
Toluene*	<0.050	0.050	09/16/2025	ND	1.78	88.9	2.00	3.17	
Ethylbenzene*	<0.050	0.050	09/16/2025	ND	1.77	88.7	2.00	4.16	
Total Xylenes*	<0.150	0.150	09/16/2025	ND	5.20	86.6	6.00	3.99	
Total BTEX	<0.300	0.300	09/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *87.8 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3160**	16.0	09/16/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2025	ND	220	110	200	3.05	
DRO >C10-C28*	**83.5**	10.0	09/16/2025	ND	215	108	200	2.15	
EXT DRO >C28-C36	**26.5**	10.0	09/16/2025	ND					

Surrogate: 1-Chlorooctane *77.3 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *68.5 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	09/15/2025	Sampling Date:	09/12/2025
Reported:	09/19/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: DEF 7 @ 2' (H255754-03)

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	09/16/2025	ND	1.74	87.1	2.00	1.72	
Toluene*	<0.050	0.050	09/16/2025	ND	1.78	88.9	2.00	3.17	
Ethylbenzene*	<0.050	0.050	09/16/2025	ND	1.77	88.7	2.00	4.16	
Total Xylenes*	<0.150	0.150	09/16/2025	ND	5.20	86.6	6.00	3.99	
Total BTEX	<0.300	0.300	09/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *88.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1280**	16.0	09/16/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2025	ND	220	110	200	3.05	
DRO >C10-C28*	<10.0	10.0	09/16/2025	ND	215	108	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	09/16/2025	ND					

Surrogate: 1-Chlorooctane *91.7 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *78.9 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	09/15/2025	Sampling Date:	09/12/2025
Reported:	09/19/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: DEF 7 @ 3' (H255754-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2025	ND	1.74	87.1	2.00	1.72	
Toluene*	<0.050	0.050	09/16/2025	ND	1.78	88.9	2.00	3.17	
Ethylbenzene*	<0.050	0.050	09/16/2025	ND	1.77	88.7	2.00	4.16	
Total Xylenes*	<0.150	0.150	09/16/2025	ND	5.20	86.6	6.00	3.99	
Total BTEX	<0.300	0.300	09/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *87.8 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**384**	16.0	09/16/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2025	ND	220	110	200	3.05	
DRO >C10-C28*	<10.0	10.0	09/16/2025	ND	215	108	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	09/16/2025	ND					

Surrogate: 1-Chlorooctane *83.1 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *70.5 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	09/15/2025	Sampling Date:	09/12/2025
Reported:	09/19/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: DEF 7 @ 4' (H255754-05)

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	09/16/2025	ND	1.74	87.1	2.00	1.72	
Toluene*	<0.050	0.050	09/16/2025	ND	1.78	88.9	2.00	3.17	
Ethylbenzene*	<0.050	0.050	09/16/2025	ND	1.77	88.7	2.00	4.16	
Total Xylenes*	<0.150	0.150	09/16/2025	ND	5.20	86.6	6.00	3.99	
Total BTEX	<0.300	0.300	09/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *88.7 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**320**	16.0	09/16/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2025	ND	220	110	200	3.05	
DRO >C10-C28*	<10.0	10.0	09/16/2025	ND	215	108	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	09/16/2025	ND					

Surrogate: 1-Chlorooctane *83.1 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *71.9 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	09/15/2025	Sampling Date:	09/12/2025
Reported:	09/19/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: DEF 8 @ SUR (H255754-06)

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	09/16/2025	ND	1.74	87.1	2.00	1.72	
Toluene*	<0.050	0.050	09/16/2025	ND	1.78	88.9	2.00	3.17	
Ethylbenzene*	<0.050	0.050	09/16/2025	ND	1.77	88.7	2.00	4.16	
Total Xylenes*	<0.150	0.150	09/16/2025	ND	5.20	86.6	6.00	3.99	
Total BTEX	<0.300	0.300	09/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *88.7 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: KH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1120**	16.0	09/16/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2025	ND	220	110	200	3.05	
DRO >C10-C28*	**650**	10.0	09/16/2025	ND	215	108	200	2.15	
EXT DRO >C28-C36	**260**	10.0	09/16/2025	ND					

Surrogate: 1-Chlorooctane *86.6 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *96.5 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	09/15/2025	Sampling Date:	09/12/2025
Reported:	09/19/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: DEF 8 @ 1' (H255754-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2025	ND	1.74	87.1	2.00	1.72	
Toluene*	<0.050	0.050	09/16/2025	ND	1.78	88.9	2.00	3.17	
Ethylbenzene*	<0.050	0.050	09/16/2025	ND	1.77	88.7	2.00	4.16	
Total Xylenes*	<0.150	0.150	09/16/2025	ND	5.20	86.6	6.00	3.99	
Total BTEX	<0.300	0.300	09/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *88.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**7760**	16.0	09/16/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2025	ND	220	110	200	3.05	
DRO >C10-C28*	<10.0	10.0	09/16/2025	ND	215	108	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	09/16/2025	ND					

Surrogate: 1-Chlorooctane *81.5 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *69.2 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	09/15/2025	Sampling Date:	09/12/2025
Reported:	09/19/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: DEF 8 @ 2' (H255754-08)

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	09/16/2025	ND	1.74	87.1	2.00	1.72	
Toluene*	<0.050	0.050	09/16/2025	ND	1.78	88.9	2.00	3.17	
Ethylbenzene*	<0.050	0.050	09/16/2025	ND	1.77	88.7	2.00	4.16	
Total Xylenes*	<0.150	0.150	09/16/2025	ND	5.20	86.6	6.00	3.99	
Total BTEX	<0.300	0.300	09/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *88.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**6000**	16.0	09/16/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2025	ND	220	110	200	3.05	
DRO >C10-C28*	<10.0	10.0	09/16/2025	ND	215	108	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	09/16/2025	ND					

Surrogate: 1-Chlorooctane *78.0 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *65.7 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	09/15/2025	Sampling Date:	09/12/2025
Reported:	09/19/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: DEF 8 @ 3' (H255754-09)

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	09/16/2025	ND	1.74	87.1	2.00	1.72	
Toluene*	<0.050	0.050	09/16/2025	ND	1.78	88.9	2.00	3.17	
Ethylbenzene*	<0.050	0.050	09/16/2025	ND	1.77	88.7	2.00	4.16	
Total Xylenes*	<0.150	0.150	09/16/2025	ND	5.20	86.6	6.00	3.99	
Total BTEX	<0.300	0.300	09/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *87.7 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2680**	16.0	09/16/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2025	ND	213	107	200	4.28	
DRO >C10-C28*	<10.0	10.0	09/16/2025	ND	221	110	200	4.48	
EXT DRO >C28-C36	<10.0	10.0	09/16/2025	ND					

Surrogate: 1-Chlorooctane *77.6 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *77.0 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	09/15/2025	Sampling Date:	09/12/2025
Reported:	09/19/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: DEF 8 @ 4' (H255754-10)

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	09/16/2025	ND	1.74	87.1	2.00	1.72	
Toluene*	<0.050	0.050	09/16/2025	ND	1.78	88.9	2.00	3.17	
Ethylbenzene*	<0.050	0.050	09/16/2025	ND	1.77	88.7	2.00	4.16	
Total Xylenes*	<0.150	0.150	09/16/2025	ND	5.20	86.6	6.00	3.99	
Total BTEX	<0.300	0.300	09/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *88.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2640**	16.0	09/16/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2025	ND	213	107	200	4.28	
DRO >C10-C28*	<10.0	10.0	09/16/2025	ND	221	110	200	4.48	
EXT DRO >C28-C36	<10.0	10.0	09/16/2025	ND					

Surrogate: 1-Chlorooctane *79.7 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *79.3 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	09/15/2025	Sampling Date:	09/12/2025
Reported:	09/19/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: DEF 8 @ 5' (H255754-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2025	ND	2.02	101	2.00	8.47	
Toluene*	<0.050	0.050	09/16/2025	ND	2.12	106	2.00	7.40	
Ethylbenzene*	<0.050	0.050	09/16/2025	ND	2.09	104	2.00	4.78	
Total Xylenes*	<0.150	0.150	09/16/2025	ND	6.14	102	6.00	3.96	
Total BTEX	<0.300	0.300	09/16/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1280**	16.0	09/16/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2025	ND	213	107	200	4.28	
DRO >C10-C28*	<10.0	10.0	09/16/2025	ND	221	110	200	4.48	
EXT DRO >C28-C36	<10.0	10.0	09/16/2025	ND					

Surrogate: 1-Chlorooctane *77.1 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *75.0 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	09/15/2025	Sampling Date:	09/12/2025
Reported:	09/19/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: DEF 8 @ 6' (H255754-12)

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	09/16/2025	ND	1.90	95.0	2.00	10.6	
Toluene*	<0.050	0.050	09/16/2025	ND	1.92	96.1	2.00	8.53	
Ethylbenzene*	<0.050	0.050	09/16/2025	ND	1.91	95.6	2.00	7.32	
Total Xylenes*	<0.150	0.150	09/16/2025	ND	5.88	98.0	6.00	6.58	
Total BTEX	<0.300	0.300	09/16/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1010**	16.0	09/16/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2025	ND	213	107	200	4.28	
DRO >C10-C28*	<10.0	10.0	09/16/2025	ND	221	110	200	4.48	
EXT DRO >C28-C36	<10.0	10.0	09/16/2025	ND					

Surrogate: 1-Chlorooctane *75.9 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *76.1 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	09/15/2025	Sampling Date:	09/12/2025
Reported:	09/19/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: DEF 8 @ 7' (H255754-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2025	ND	1.90	95.0	2.00	10.6	
Toluene*	<0.050	0.050	09/16/2025	ND	1.92	96.1	2.00	8.53	
Ethylbenzene*	<0.050	0.050	09/16/2025	ND	1.91	95.6	2.00	7.32	
Total Xylenes*	<0.150	0.150	09/16/2025	ND	5.88	98.0	6.00	6.58	
Total BTEX	<0.300	0.300	09/16/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1250**	16.0	09/16/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2025	ND	213	107	200	4.28	
DRO >C10-C28*	<10.0	10.0	09/16/2025	ND	221	110	200	4.48	
EXT DRO >C28-C36	<10.0	10.0	09/16/2025	ND					

Surrogate: 1-Chlorooctane *81.0 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *80.5 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	09/15/2025	Sampling Date:	09/12/2025
Reported:	09/19/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: DEF 8 @ 8' (H255754-14)

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	09/16/2025	ND	1.90	95.0	2.00	10.6	
Toluene*	<0.050	0.050	09/16/2025	ND	1.92	96.1	2.00	8.53	
Ethylbenzene*	<0.050	0.050	09/16/2025	ND	1.91	95.6	2.00	7.32	
Total Xylenes*	<0.150	0.150	09/16/2025	ND	5.88	98.0	6.00	6.58	
Total BTEX	<0.300	0.300	09/16/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**992**	16.0	09/16/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2025	ND	213	107	200	4.28	
DRO >C10-C28*	<10.0	10.0	09/16/2025	ND	221	110	200	4.48	
EXT DRO >C28-C36	<10.0	10.0	09/16/2025	ND					

Surrogate: 1-Chlorooctane *82.0 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *81.5 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	09/15/2025	Sampling Date:	09/12/2025
Reported:	09/19/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: DEF 8 @ 9' (H255754-15)

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	09/16/2025	ND	1.90	95.0	2.00	10.6	
Toluene*	<0.050	0.050	09/16/2025	ND	1.92	96.1	2.00	8.53	
Ethylbenzene*	<0.050	0.050	09/16/2025	ND	1.91	95.6	2.00	7.32	
Total Xylenes*	<0.150	0.150	09/16/2025	ND	5.88	98.0	6.00	6.58	
Total BTEX	<0.300	0.300	09/16/2025	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	09/16/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2025	ND	213	107	200	4.28	
DRO >C10-C28*	<10.0	10.0	09/16/2025	ND	221	110	200	4.48	
EXT DRO >C28-C36	<10.0	10.0	09/16/2025	ND					

Surrogate: 1-Chlorooctane *79.3 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *78.5 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.	**BILL TO**	
Project Manager:	Lance Crenshaw	**P.O. #:**	
Address:	2617 West Marland	**Company:**	Mewbourne Oil Compan
City:	Hobbs **State:** NM **Zip:** 88240	**Attn:**	Connor Walker
Phone #:	(575) 264-9884 **Fax #:**	**Address:**	
Project #:	21572 **Project Owner:** Mewbourne Oil Company	**City:**	
Project Name:	Cooksey 36 St Com #1H Battery	**State:**	**Zip:**
Project Location:	32.07997, -104.13602	**Phone #:**	
Sampler Name:	Martin Sepulveda	**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST										
Lab I.D.	**Sample I.D.**	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	**DATE**	**TIME**	Chloride	TPH (8015M)	BTEX (8021B)									
H255754																									
1	DEF 7 @ Sur	G	1			X					X		9/12/25		X	X	X								
2	DEF 7 @ 1'	G	1			X					X		9/12/25		X	X	X								
3	DEF 7 @ 2'	G	1			X					X		9/12/25		X	X	X								
4	DEF 7 @ 3'	G	1			X					X		9/12/25		X	X	X								
5	DEF 7 @ 4'	G	1			X					X		9/12/25		X	X	X								
6	DEF 8 @ Sur	G	1			X					X		9/12/25		X	X	X								
7	DEF 8 @ 1'	G	1			X					X		9/12/25		X	X	X								
8	DEF 8 @ 2'	G	1			X					X		9/12/25		X	X	X								
9	DEF 8 @ 3'	G	1			X					X		9/12/25		X	X	X								
10	DEF 8 @ 4'	G	1			X					X		9/12/25		X	X	X								

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

Relinquished By:	**Date:** 9-15 25 **Time:** 1451	**Received By:**	**Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:**
			All Results are emailed. Please provide Email address: pm@etechenv.com
Relinquished By:	**Date:** **Time:**	**Received By:**	**REMARKS:**

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	**Observed Temp. °C** -3.3 **Corrected Temp. °C** -3.0	**Sample Condition** Cool: ~~☐ Yes~~ ☐ No Intact: ~~☐ Yes~~ ☐ No	**CHECKED BY: (Initials)** SRC	**Turnaround Time:** Standard ☒ Rush ☐ **Thermometer ID** #140 **Correction Factor** -0.6°C → 10.3

Bacteria (only) Sample Condition Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ 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

Received by OCD: 5/28/2026 2:47:43 PM

Released to Imaging: 6/9/2026 4:08:54 PM

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.	**BILL TO**	
Project Manager:	Lance Crenshaw	**P.O. #:**	
Address:	2617 West Marland	**Company:**	Mewbourne Oil Compan
City:	Hobbs **State:** NM **Zip:** 88240	**Attn:**	Connor Walker
Phone #:	(575) 264-9884 **Fax #:**	**Address:**	
Project #:	21572 **Project Owner:** Mewbourne Oil Company	**City:**	
Project Name:	Cooksey 36 St Com #1H Battery	**State:**	**Zip:**
Project Location:	32.07997, -104.13602	**Phone #:**	
Sampler Name:	Martin Sepulveda	**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST										
Lab I.D.	**Sample I.D.**	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	**DATE**	**TIME**	Chloride	TPH (8015M)	BTEX (8021B)								
H255754																								
11	DEF 8 @ 5'	G	1			X					X		9/12/25		X	X	X							
12	DEF 8 @ 6'	G	1			X					X		9/12/25		X	X	X							
13	DEF 8 @ 7'	G	1			X					X		9/12/25		X	X	X							
14	DEF 8 @ 8'	G	1			X					X		9/12/25		X	X	X							
15	DEF 8 @ 9'	G	1			X					X		9/12/25		X	X	X							

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

Relinquished By:	**Date:** 9.15.25 **Time:** 451	**Received By:**	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	**Date:** **Time:**	**Received By:**	All Results are emailed. Please provide Email address: pm@etechenv.com
			REMARKS:

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	**Observed Temp. °C** 33 **Corrected Temp. °C** 3.0	**Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No	**CHECKED BY: (Initials)** SR	**Turnaround Time:** Standard [X] Rush [ ] **Thermometer ID** #140 **Correction Factor** ~~-0.6°C~~ 0.3 **Bacteria (only) Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ 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

Received by OCD: 5/28/2026 2:47:43 PM
Released to Imaging: 6/9/2026 4:08:54 PM

CARDINAL Laboratories

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

September 19, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: COOKSEY 36 STATE COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 09/17/25 10:41.

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

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: COOKSEY 36 STATE COM 1H Project Number: 21572 Project Manager: LANCE CRENSHAW Fax To:	Reported: 19-Sep-25 14:46

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FL 29 AT 7FT	H255807-01	Soil	17-Sep-25 08:00	17-Sep-25 10:41
FL 28 AT 7FT	H255807-02	Soil	17-Sep-25 08:02	17-Sep-25 10:41

09/19/25 - Client changed the sample ID on -01 (see COC). This is the revised report and will replace the one sent on 09/18/25.

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 ar 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 damage 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 su claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: COOKSEY 36 STATE COM 1H Project Number: 21572 Project Manager: LANCE CRENSHAW Fax To:	Reported: 19-Sep-25 14:46

FL 29 AT 7FT

H255807-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**96.0**		16.0	mg/kg	4	5091701	KH	17-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091710	JH	17-Sep-25	8021B	
Toluene*	**0.107**		0.050	mg/kg	50	5091710	JH	17-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091710	JH	17-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091710	JH	17-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091710	JH	17-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*109 %*	*71.5-134*		*5091710*	JH	*17-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091709	MS	17-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091709	MS	17-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091709	MS	17-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*84.0 %*	*44.4-145*		*5091709*	MS	*17-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*79.5 %*	*40.6-153*		*5091709*	MS	*17-Sep-25*	*8015B*	

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 ar 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 damage 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 su claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: COOKSEY 36 STATE COM 1H Project Number: 21572 Project Manager: LANCE CRENSHAW Fax To:	Reported: 19-Sep-25 14:46

FL 28 AT 7FT

H255807-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**96.0**		16.0	mg/kg	4	5091701	KH	17-Sep-25	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	5091710	JH	17-Sep-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5091710	JH	17-Sep-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5091710	JH	17-Sep-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5091710	JH	17-Sep-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5091710	JH	17-Sep-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*113 %*	*71.5-134*		*5091710*	JH	*17-Sep-25*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	5091709	MS	17-Sep-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5091709	MS	17-Sep-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5091709	MS	17-Sep-25	8015B	
Surrogate: 1-Chlorooctane			*83.4 %*	*44.4-145*		*5091709*	MS	*17-Sep-25*	*8015B*	
Surrogate: 1-Chlorooctadecane			*79.8 %*	*40.6-153*		*5091709*	MS	*17-Sep-25*	*8015B*	

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 ar 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 damage 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 su claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: COOKSEY 36 STATE COM 1H Project Number: 21572 Project Manager: LANCE CRENSHAW Fax To:	Reported: 19-Sep-25 14:46

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5091701 - 1:4 DI Water										
Blank (5091701-BLK1)				Prepared & Analyzed: 17-Sep-25						
Chloride	ND	16.0	mg/kg							
LCS (5091701-BS1)				Prepared & Analyzed: 17-Sep-25						
Chloride	448	16.0	mg/kg	400		112	80-120			
LCS Dup (5091701-BSD1)				Prepared & Analyzed: 17-Sep-25						
Chloride	448	16.0	mg/kg	400		112	80-120	0.00	20	

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 ar 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 damage 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 su claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: COOKSEY 36 STATE COM 1H Project Number: 21572 Project Manager: LANCE CRENSHAW Fax To:	Reported: 19-Sep-25 14:46

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5091710 - Volatiles										
Blank (5091710-BLK1)				Prepared & Analyzed: 17-Sep-25						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*0.0565*		mg/kg	*0.0500*		*113*	*71.5-134*			
LCS (5091710-BS1)				Prepared & Analyzed: 17-Sep-25						
Benzene	1.63	0.050	mg/kg	2.00		81.5	76.3-129			
Toluene	1.73	0.050	mg/kg	2.00		86.3	84.1-129			
Ethylbenzene	1.77	0.050	mg/kg	2.00		88.5	80.1-133			
m,p-Xylene	3.69	0.100	mg/kg	4.00		92.3	81.4-134			
o-Xylene	1.80	0.050	mg/kg	2.00		90.1	81.4-133			
Total Xylenes	5.50	0.150	mg/kg	6.00		91.6	81.5-134			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0498*		mg/kg	*0.0500*		*99.7*	*71.5-134*			
LCS Dup (5091710-BSD1)				Prepared & Analyzed: 17-Sep-25						
Benzene	1.94	0.050	mg/kg	2.00		96.8	76.3-129	17.2	15.8	QR-04
Toluene	1.96	0.050	mg/kg	2.00		97.8	84.1-129	12.4	15.9	
Ethylbenzene	1.95	0.050	mg/kg	2.00		97.6	80.1-133	9.76	16	
m,p-Xylene	4.04	0.100	mg/kg	4.00		101	81.4-134	9.00	16.2	
o-Xylene	1.96	0.050	mg/kg	2.00		97.8	81.4-133	8.16	16.7	
Total Xylenes	6.00	0.150	mg/kg	6.00		100	81.5-134	8.73	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0492*		mg/kg	*0.0500*		*98.3*	*71.5-134*			

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 ar 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 damage 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 su claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: COOKSEY 36 STATE COM 1H Project Number: 21572 Project Manager: LANCE CRENSHAW Fax To:	Reported: 19-Sep-25 14:46

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5091709 - General Prep - Organics										
Blank (5091709-BLK1)				Prepared & Analyzed: 17-Sep-25						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*40.0*		mg/kg	*50.0*		*79.9*	*44.4-145*			
Surrogate: 1-Chlorooctadecane	*37.9*		mg/kg	*50.0*		*75.8*	*40.6-153*			
LCS (5091709-BS1)				Prepared & Analyzed: 17-Sep-25						
GRO C6-C10	209	10.0	mg/kg	200		104	81.5-123			
DRO >C10-C28	226	10.0	mg/kg	200		113	77.7-122			
Total TPH C6-C28	434	10.0	mg/kg	400		109	80.9-121			
Surrogate: 1-Chlorooctane	*42.8*		mg/kg	*50.0*		*85.7*	*44.4-145*			
Surrogate: 1-Chlorooctadecane	*43.1*		mg/kg	*50.0*		*86.1*	*40.6-153*			
LCS Dup (5091709-BSD1)				Prepared & Analyzed: 17-Sep-25						
GRO C6-C10	208	10.0	mg/kg	200		104	81.5-123	0.303	13	
DRO >C10-C28	228	10.0	mg/kg	200		114	77.7-122	1.00	15.6	
Total TPH C6-C28	436	10.0	mg/kg	400		109	80.9-121	0.378	18.5	
Surrogate: 1-Chlorooctane	*48.8*		mg/kg	*50.0*		*97.6*	*44.4-145*			
Surrogate: 1-Chlorooctadecane	*47.8*		mg/kg	*50.0*		*95.7*	*40.6-153*			

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence ar 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 damage 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 su claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence ar 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 damage 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 su claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	Etech Environmental & Safety Solutions, Inc.	**BILL TO**	
Project Manager:	Lance Crenshaw	**P.O. #:**	
Address:	2617 West Marland	**Company:**	Mewbourne
City:	Hobbs **State:** NM **Zip:** 88240	**Attn:**	Connor Walker
Phone #:	(575) 264-9884 **Fax #:**	**Address:**	4801 Boiling Park Blvd
Project #:	21572 **Project Owner:** Mewbourne	**City:**	Hobbs
Project Name:	Cocksey 36 State Com 1 1H	**State:** NM **Zip:**	88240
Project Location:	Lea	**Phone #:**	
Sampler Name:	David Robinson	**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV			SAMPLING		ANALYSIS REQUEST		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)
H255807											✓						
1	FL 2 9 ave 7ft *	X	1			X					X		9-17-25	8:00 am	X	X	X
2	FL 1ft ave 7ft	X	1			X					X		9-17-25	8:02 am	X	X	X

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in [illegible], 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:** 9-17-25 **Time:** 1041	**Received By:**	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	**Date:** **Time:**	**Received By:**	All Results are emailed. Please provide Email address: pm@etechenv.com
			REMARKS: * Customer requested ID changes. To 9/19/25

Delivered By: (Circle One)	**Observed Temp. °C** 3.3	**Sample Condition** Cool ☑ Yes ☐ No / Intact ☑ Yes ☐ No	**CHECKED BY: (Initials)** J.O.	**Turnaround Time:** Standard ☐ / Rush ☑	**Bacteria (only) Sample Condition** Cool ☐ Yes ☐ No / Intact ☐ Yes ☐ No
Sampler - UPS - Bus - Other:	**Corrected Temp. °C** 3.6			**Thermometer ID** #140 **Correction Factor** -0.6°C +0.3° 24hrs	**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

Received by OCD: 5/28/2026 2:47:43 PM

Released to Imaging: 6/9/2026 4:08:54 PM

CARDINAL Laboratories

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

May 06, 2026

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: COOKSEY 36 STATE COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 04/30/26 14:40.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	04/30/2026	Sampling Date:	04/30/2026
Reported:	05/06/2026	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: WH 2 @ SUR (H262471-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/01/2026	ND	2.15	108	2.00	4.57	
Toluene*	<0.050	0.050	05/01/2026	ND	1.99	99.5	2.00	5.40	
Ethylbenzene*	<0.050	0.050	05/01/2026	ND	1.96	97.8	2.00	5.50	
Total Xylenes*	<0.150	0.150	05/01/2026	ND	5.83	97.1	6.00	5.62	
Total BTEX	<0.300	0.300	05/01/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: SA

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	05/01/2026	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/01/2026	ND	197	98.3	200	2.05	
DRO >C10-C28*	<10.0	10.0	05/01/2026	ND	209	104	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	05/01/2026	ND					

Surrogate: 1-Chlorooctane *64.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *59.3 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	04/30/2026	Sampling Date:	04/30/2026
Reported:	05/06/2026	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: WH 2 @ 1' (H262471-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/01/2026	ND	2.15	108	2.00	4.57	
Toluene*	<0.050	0.050	05/01/2026	ND	1.99	99.5	2.00	5.40	
Ethylbenzene*	<0.050	0.050	05/01/2026	ND	1.96	97.8	2.00	5.50	
Total Xylenes*	<0.150	0.150	05/01/2026	ND	5.83	97.1	6.00	5.62	
Total BTEX	<0.300	0.300	05/01/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: SA

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	05/01/2026	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/01/2026	ND	197	98.3	200	2.05	
DRO >C10-C28*	<10.0	10.0	05/01/2026	ND	209	104	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	05/01/2026	ND					

Surrogate: 1-Chlorooctane *63.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *58.6 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	04/30/2026	Sampling Date:	04/30/2026
Reported:	05/06/2026	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: WH 2 @ 2' (H262471-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/01/2026	ND	2.15	108	2.00	4.57	
Toluene*	<0.050	0.050	05/01/2026	ND	1.99	99.5	2.00	5.40	
Ethylbenzene*	<0.050	0.050	05/01/2026	ND	1.96	97.8	2.00	5.50	
Total Xylenes*	<0.150	0.150	05/01/2026	ND	5.83	97.1	6.00	5.62	
Total BTEX	<0.300	0.300	05/01/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: SA

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	05/01/2026	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/01/2026	ND	197	98.3	200	2.05	
DRO >C10-C28*	<10.0	10.0	05/01/2026	ND	209	104	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	05/01/2026	ND					

Surrogate: 1-Chlorooctane *62.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *56.3 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	04/30/2026	Sampling Date:	04/30/2026
Reported:	05/06/2026	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: WH 2 @ 3' (H262471-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/01/2026	ND	2.15	108	2.00	4.57	
Toluene*	<0.050	0.050	05/01/2026	ND	1.99	99.5	2.00	5.40	
Ethylbenzene*	<0.050	0.050	05/01/2026	ND	1.96	97.8	2.00	5.50	
Total Xylenes*	<0.150	0.150	05/01/2026	ND	5.83	97.1	6.00	5.62	
Total BTEX	<0.300	0.300	05/01/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: SA

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/01/2026	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/01/2026	ND	197	98.3	200	2.05	
DRO >C10-C28*	<10.0	10.0	05/01/2026	ND	209	104	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	05/01/2026	ND					

Surrogate: 1-Chlorooctane *63.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *57.9 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	04/30/2026	Sampling Date:	04/30/2026
Reported:	05/06/2026	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: WH 2 @ 4' (H262471-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/01/2026	ND	2.15	108	2.00	4.57	
Toluene*	<0.050	0.050	05/01/2026	ND	1.99	99.5	2.00	5.40	
Ethylbenzene*	<0.050	0.050	05/01/2026	ND	1.96	97.8	2.00	5.50	
Total Xylenes*	<0.150	0.150	05/01/2026	ND	5.83	97.1	6.00	5.62	
Total BTEX	<0.300	0.300	05/01/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: SA

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	05/01/2026	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/01/2026	ND	197	98.3	200	2.05	
DRO >C10-C28*	<10.0	10.0	05/01/2026	ND	209	104	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	05/01/2026	ND					

Surrogate: 1-Chlorooctane *65.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *58.4 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	04/30/2026	Sampling Date:	04/30/2026
Reported:	05/06/2026	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: WH 3 @ SUR (H262471-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2026	ND	2.15	108	2.00	4.57	
Toluene*	<0.050	0.050	05/02/2026	ND	1.99	99.5	2.00	5.40	
Ethylbenzene*	<0.050	0.050	05/02/2026	ND	1.96	97.8	2.00	5.50	
Total Xylenes*	<0.150	0.150	05/02/2026	ND	5.83	97.1	6.00	5.62	
Total BTEX	<0.300	0.300	05/02/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.2 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: SA

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	05/01/2026	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/01/2026	ND	197	98.3	200	2.05	
DRO >C10-C28*	<10.0	10.0	05/01/2026	ND	209	104	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	05/01/2026	ND					

Surrogate: 1-Chlorooctane *66.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *60.3 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	04/30/2026	Sampling Date:	04/30/2026
Reported:	05/06/2026	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: WH 3 @ 1' (H262471-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2026	ND	2.15	108	2.00	4.57	
Toluene*	<0.050	0.050	05/02/2026	ND	1.99	99.5	2.00	5.40	
Ethylbenzene*	<0.050	0.050	05/02/2026	ND	1.96	97.8	2.00	5.50	
Total Xylenes*	<0.150	0.150	05/02/2026	ND	5.83	97.1	6.00	5.62	
Total BTEX	<0.300	0.300	05/02/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: SA

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/01/2026	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/01/2026	ND	197	98.3	200	2.05	
DRO >C10-C28*	<10.0	10.0	05/01/2026	ND	209	104	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	05/01/2026	ND					

Surrogate: 1-Chlorooctane *72.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *65.6 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	04/30/2026	Sampling Date:	04/30/2026
Reported:	05/06/2026	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: WH 3 @ 2' (H262471-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2026	ND	2.15	108	2.00	4.57	
Toluene*	<0.050	0.050	05/02/2026	ND	1.99	99.5	2.00	5.40	
Ethylbenzene*	<0.050	0.050	05/02/2026	ND	1.96	97.8	2.00	5.50	
Total Xylenes*	<0.150	0.150	05/02/2026	ND	5.83	97.1	6.00	5.62	
Total BTEX	<0.300	0.300	05/02/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: SA

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/01/2026	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/01/2026	ND	197	98.3	200	2.05	
DRO >C10-C28*	<10.0	10.0	05/01/2026	ND	209	104	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	05/01/2026	ND					

Surrogate: 1-Chlorooctane *66.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *60.8 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	04/30/2026	Sampling Date:	04/30/2026
Reported:	05/06/2026	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: WH 3 @ 3' (H262471-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/01/2026	ND	2.16	108	2.00	1.31	QM-07
Toluene*	<0.050	0.050	05/01/2026	ND	2.22	111	2.00	0.281	QM-07
Ethylbenzene*	<0.050	0.050	05/01/2026	ND	2.29	115	2.00	3.41	QM-07
Total Xylenes*	<0.150	0.150	05/01/2026	ND	6.89	115	6.00	4.19	QM-07
Total BTEX	<0.300	0.300	05/01/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *125 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: SA

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	05/01/2026	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/01/2026	ND	197	98.3	200	2.05	
DRO >C10-C28*	<10.0	10.0	05/01/2026	ND	209	104	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	05/01/2026	ND					

Surrogate: 1-Chlorooctane *67.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *60.7 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	04/30/2026	Sampling Date:	04/30/2026
Reported:	05/06/2026	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: WH 3 @ 4' (H262471-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/01/2026	ND	2.16	108	2.00	1.31	
Toluene*	<0.050	0.050	05/01/2026	ND	2.22	111	2.00	0.281	
Ethylbenzene*	<0.050	0.050	05/01/2026	ND	2.29	115	2.00	3.41	
Total Xylenes*	<0.150	0.150	05/01/2026	ND	6.89	115	6.00	4.19	
Total BTEX	<0.300	0.300	05/01/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *121 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: SA

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/01/2026	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/01/2026	ND	197	98.3	200	2.05	
DRO >C10-C28*	<10.0	10.0	05/01/2026	ND	209	104	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	05/01/2026	ND					

Surrogate: 1-Chlorooctane *73.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *67.2 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	04/30/2026	Sampling Date:	04/30/2026
Reported:	05/06/2026	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: WH 4 @ SUR (H262471-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/01/2026	ND	2.16	108	2.00	1.31	
Toluene*	<0.050	0.050	05/01/2026	ND	2.22	111	2.00	0.281	
Ethylbenzene*	<0.050	0.050	05/01/2026	ND	2.29	115	2.00	3.41	
Total Xylenes*	<0.150	0.150	05/01/2026	ND	6.89	115	6.00	4.19	
Total BTEX	<0.300	0.300	05/01/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *129 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: SA

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/01/2026	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/01/2026	ND	197	98.3	200	2.05	
DRO >C10-C28*	<10.0	10.0	05/01/2026	ND	209	104	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	05/01/2026	ND					

Surrogate: 1-Chlorooctane *68.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *64.1 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	04/30/2026	Sampling Date:	04/30/2026
Reported:	05/06/2026	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: WH 4 @ 1' (H262471-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/01/2026	ND	2.16	108	2.00	1.31	
Toluene*	<0.050	0.050	05/01/2026	ND	2.22	111	2.00	0.281	
Ethylbenzene*	<0.050	0.050	05/01/2026	ND	2.29	115	2.00	3.41	
Total Xylenes*	<0.150	0.150	05/01/2026	ND	6.89	115	6.00	4.19	
Total BTEX	<0.300	0.300	05/01/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *121 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: SA

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	05/01/2026	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/01/2026	ND	193	96.7	200	2.78	
DRO >C10-C28*	<10.0	10.0	05/01/2026	ND	180	90.2	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	05/01/2026	ND					

Surrogate: 1-Chlorooctane *74.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *69.7 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	04/30/2026	Sampling Date:	04/30/2026
Reported:	05/06/2026	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: WH 4 @ 2' (H262471-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/01/2026	ND	2.16	108	2.00	1.31	
Toluene*	<0.050	0.050	05/01/2026	ND	2.22	111	2.00	0.281	
Ethylbenzene*	<0.050	0.050	05/01/2026	ND	2.29	115	2.00	3.41	
Total Xylenes*	<0.150	0.150	05/01/2026	ND	6.89	115	6.00	4.19	
Total BTEX	<0.300	0.300	05/01/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: SA

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	05/01/2026	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/01/2026	ND	193	96.7	200	2.78	
DRO >C10-C28*	<10.0	10.0	05/01/2026	ND	180	90.2	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	05/01/2026	ND					

Surrogate: 1-Chlorooctane *73.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *67.3 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	04/30/2026	Sampling Date:	04/30/2026
Reported:	05/06/2026	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: WH 4 @ 3' (H262471-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/01/2026	ND	2.16	108	2.00	1.31	
Toluene*	<0.050	0.050	05/01/2026	ND	2.22	111	2.00	0.281	
Ethylbenzene*	<0.050	0.050	05/01/2026	ND	2.29	115	2.00	3.41	
Total Xylenes*	<0.150	0.150	05/01/2026	ND	6.89	115	6.00	4.19	
Total BTEX	<0.300	0.300	05/01/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *124 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/01/2026	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/01/2026	ND	193	96.7	200	2.78	
DRO >C10-C28*	<10.0	10.0	05/01/2026	ND	180	90.2	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	05/01/2026	ND					

Surrogate: 1-Chlorooctane *72.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *67.4 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	04/30/2026	Sampling Date:	04/30/2026
Reported:	05/06/2026	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.07997-104.13602		

Sample ID: WH 4 @ 4' (H262471-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/01/2026	ND	2.16	108	2.00	1.31	
Toluene*	<0.050	0.050	05/01/2026	ND	2.22	111	2.00	0.281	
Ethylbenzene*	<0.050	0.050	05/01/2026	ND	2.29	115	2.00	3.41	
Total Xylenes*	<0.150	0.150	05/01/2026	ND	6.89	115	6.00	4.19	
Total BTEX	<0.300	0.300	05/01/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *120 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/01/2026	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/01/2026	ND	193	96.7	200	2.78	
DRO >C10-C28*	<10.0	10.0	05/01/2026	ND	180	90.2	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	05/01/2026	ND					

Surrogate: 1-Chlorooctane *62.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *56.8 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

Page 238 of 345

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Pg 1 of 2

Company Name:	Etech Environmental & Safety Solutions, Inc.	**BILL TO**	
Project Manager:	Lance Crenshaw	**P.O. #:**	
Address:	2617 West Marland	**Company:**	Mewbourne Oil Company
City:	Hobbs **State:** NM **Zip:** 88240	**Attn:**	Connor Walker
Phone #:	(575) 264-9884 **Fax #:**	**Address:**	
Project #:	21572 **Project Owner:** Mewbourne Oil Company	**City:**	
Project Name:	Cooksey 36 St Com #1H Bat	**State:**	**Zip:**
Project Location:	32.07997, -104.13602	**Phone #:**	
Sampler Name:	Addison Elston	**Fax #:**	

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)
H606471																	
1	WH 2 @ Sur	G	1			X					X		4/30/26		X	X	X
2	WH 2 @ 1'	G	1			X					X		4/30/26		X	X	X
3	WH 2 @ 2'	G	1			X					X		4/30/26		X	X	X
4	WH 2 @ 3'	G	1			X					X		4/30/26		X	X	X
5	WH 2 @ 4'	G	1			X					X		4/30/26		X	X	X
6	WH 3 @ Sur	G	1			X					X		4/30/26		X	X	X
7	WH 3 @ 1'	G	1			X					X		4/30/26		X	X	X
8	WH 3 @ 2'	G	1			X					X		4/30/26		X	X	X
9	WH 3 @ 3'	G	1			X					X		4/30/26		X	X	X
10	WH 3 @ 4'	G	1			X					X		4/30/26		X	X	X

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

CS 04024401K

Relinquished By:	**Date:** 4-30-26 **Time:** 1440	**Received By:**	**Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:**
			All Results are emailed. Please provide Email address: pm@etechenv.com
Relinquished By:	**Date:** **Time:**	**Received By:**	**REMARKS:**

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	**Observed Temp. °C** -7.3 **Corrected Temp. °C** -7.2	**Sample Condition** Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	**CHECKED BY: (Initials)** AD	**Turnaround Time:** Standard [X] Rush [ ] **Thermometer ID** #140 **Correction Factor** +0.1°C

Bacteria (only) Sample Condition Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No **Observed Temp. °C** **Corrected Temp. °C**

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

Received by OCD: 5/28/2026 2:47:43 PM

Released to Imaging: 6/9/2026 4:08:54 PM

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Pg 2 of 2

Company Name:	Etech Environmental & Safety Solutions, Inc.			**BILL TO**	
Project Manager:	Lance Crenshaw			**P.O. #:**	
Address:	2617 West Marland			**Company:**	Mewbourne Oil Company
City:	Hobbs	**State:** NM	**Zip:** 88240	**Attn:**	Connor Walker
Phone #:	(575) 264-9884	**Fax #:**		**Address:**	
Project #:	21572	**Project Owner:** Mewbourne Oil Company		**City:**	
Project Name:	Cooksey 36 St Com #1H Bat			**State:**	**Zip:**
Project Location:	32.07997, -104.13602			**Phone #:**	
Sampler Name:	Addison Elston			**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST										
Lab I.D.	**Sample I.D.**	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)									
H260471																									
11	WH 4 @ Sur	G	1			X					X		4/30/26		X	X	X								
12	WH 4 @ 1'	G	1			X					X		4/30/26		X	X	X								
13	WH 4 @ 2'	G	1			X					X		4/30/26		X	X	X								
14	WH 4 @ 3'	G	1			X					X		4/30/26		X	X	X								
15	WH 4 @ 4'	G	1			X					X		4/30/26		X	X	X								

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

Relinquished By:	**Date:** 4.30.26 **Time:** 1440	**Received By:**	**Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:**
			All Results are emailed. Please provide Email address: pm@etechenv.com
Relinquished By:	**Date:** **Time:**	**Received By:**	**REMARKS:**

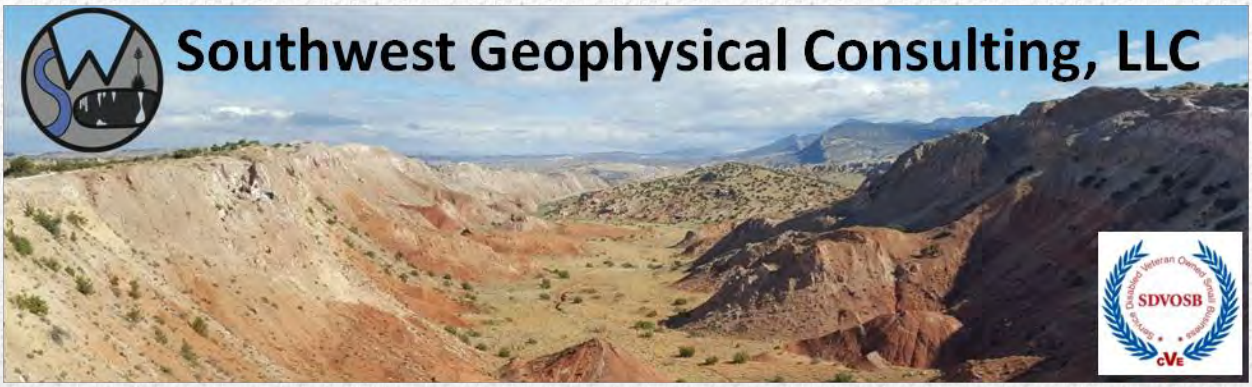
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	**Observed Temp. °C** -7.3 **Corrected Temp. °C** -7.2	**Sample Condition** Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	**CHECKED BY: (Initials)** AP	**Turnaround Time:** Standard [X] Rush [ ] **Thermometer ID #140** **Correction Factor +0.1°C**	**Bacteria (only) Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

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

Received by OCD: 5/28/2026 2:47:43 PM

Released to Imaging: 6/9/2026 4:08:54 PM

Appendix G
Environmental Karst Study Report



Environmental Karst Study Report
Mewbourne Cooksey 36 State Com 1H
Eddy County, New Mexico

Prepared For:

eTech Environmental & Safety Solutions, Inc.
13000 West County Road 100
Odessa, TX 79765

Within 200 feet of the spill delineation boundary:

☑ Negative ☐ Positive for surface karst

☑ Stable ☐ Unstable Ground

☐ Karst Monitor Recommended

May 23, 2025

ETEC-015-20250416

©2025 – Southwest Geophysical Consulting, LLC. All rights reserved.

Published by:
Southwest Geophysical Consulting, LLC
5117 Fairfax Dr. NW
Albuquerque, NM 87114
(505) 585-2550
www.swgeophys.com

Prepared by:
Garrett Jorgensen Olague
Senior Field Geologist
garrett@swgeophys.com

Reviewed by:
David Decker, PhD, PG, CPG
CEO, Principal Geologist
dave@swgeophys.com

Prepared for:
eTech Environmental & Safety Solutions, Inc.
13000 W County Rd 100
Odessa, TX 79765

Lance Crenshaw
(575) 631-1064
lance@etechenv.com

MMXXV

TABLE OF CONTENTS

FRONT MATTER i
TABLE OF CONTENTS ii
LIST OF FIGURES iii
LIST OF TABLES iii
1.0 INTRODUCTION 1
1.1 Goals of this Study 1
1.2 Summary of Findings 1
1.3 Affected Environment 1
1.4 Limitations of Report 3
2.0 LOCATION AND DESCRIPTION OF STUDY AREA 4
2.1 Description of Site 4
2.2 Local Geology Summary 5
2.3 Description of Survey 6
2.3.1 Surface Karst Survey 6
2.3.2 Geophysical Survey 8
3.0 RESULTS 10
3.1 Surface Karst Survey 10
3.2 Geophysical Survey 12
4.0 DISCUSSION 13
5.0 SUMMARY 15
6.0 DISCLOSURE STATEMENT 15
7.0 REFERENCES 17
8.0 GLOSSARY OF TERMS 19
9.0 ATTESTATION 21

LIST OF FIGURES

Figure 1: Karst occurrence zone overview 2
Figure 2: Land ownership and PLSS overview 4
Figure 3: Geology overview 5
Figure 4: Surface survey overview 7
Figure 5: Geophysical survey overview 8
Figure 6: Surface karst survey results 10
Figure 7: 2D inverted resistivity sections 12
Figure 8: Data overlay 14

LIST OF TABLES

Table 1: Survey Line Data Table 9
Table 2: Software Information and Settings 9
Table 3: Surface Karst Feature Data Table 11

1.0 INTRODUCTION

This report was commissioned by eTech Environmental & Safety Solutions, Inc. (hereinafter referred to as "the client"), on April 16, 2025, for the purpose of conducting an environmental karst study within an area encompassing the Mewbourne Cooksey 36 State Com 1H release site (hereinafter termed “C36S”) centered at N 32.080054° W 104.135762°.

1.1 Goals of this Study

The goals of this study are to conduct a surface karst inventory and provide the client with the location and description of any surface karst features located within 200 feet (61 meters) of the spill delineation boundary (as defined by 19.15.29.12 NMAC[1]), and to determine whether stable ground exists (as defined by 19.15.2 NMAC Definitions[2]) within the spill delineation boundary of the Mewbourne Cooksey 36 State Com 1H release as provided by the client via e-mail (**Cooksey 36 St Com #1H Battery GeoMeasure_2024-12-09-10-30-55.kmz**) on April 16, 2025, using electrical resistivity imaging[3].

1.2 Summary of Findings

- **No surface karst features exist within 200 feet (61 meters) of the spill delineation boundary.** Two recognized surface karst features exist outside of the 200-foot survey boundary, one each within the 200- and 305-meter survey boundaries, respectively.
- **No anomalies consistent with subsurface air- or water-filled voids were found within the C36S geophysical survey area, indicating the zone beneath the geophysical survey is not subject to collapse.**
- **Well-layered stratigraphy is interpreted to exist beneath the area where the geophysical survey was conducted indicating stable ground within the 200-foot survey boundary.**

1.3 Affected Environment

The C36S project site is located in evaporite karst terrain, a landform that is characterized by underground drainage through solutionally enlarged conduits. Evaporite karst terrain may contain sinkholes, sinking streams, caves, and springs. Sinkholes leading to underground drainages and voids are common. These karst features, as well as occasional fissures and discontinuities in the bedrock, provide the primary sources for rapid recharge of the groundwater aquifers of the region. Additionally, karst may develop by hypogene processes involving dissolution by upwelling fluids from depth independent of recharge from the overlying or immediately adjacent surface. Hypogene karst systems may not be connected to the surface and can remain undiscovered unless encountered during drilling or excavation.

Karst features are delicate resources that are often of geological, hydrological, biological, and archeological importance, and should be protected. The four primary concerns in these types of terrain are environmental issues, worker safety, equipment damage, and infrastructure integrity.

The Bureau of Land Management (BLM) categorizes all areas within the Carlsbad Field Office (CFO) zone of responsibility as having either low, medium, high, or critical cave potential based on geology, occurrence of known caves, density of karst features, and potential impacts to freshwater aquifers[4]. These designations are also recognized by the New Mexico State Land Office (NMSLO). This project occurs within a **HIGH** karst occurrence zone (HKOZ)[5] (**Figure 1**).

A high karst occurrence zone is defined as an area in known soluble rock types that contains a high frequency of significant caves and karst features such as sinkholes, bedrock fractures that provide rapid recharge of karst aquifers, and springs that provide riparian habitat [4].

Due to the rapidity with which evaporite karst develops, each location within a BLM-CFO designated karst occurrence zone must be assessed on an individual basis to determine the existence of surface karst features and the possibility of sub-surface karst development each time a release occurs.

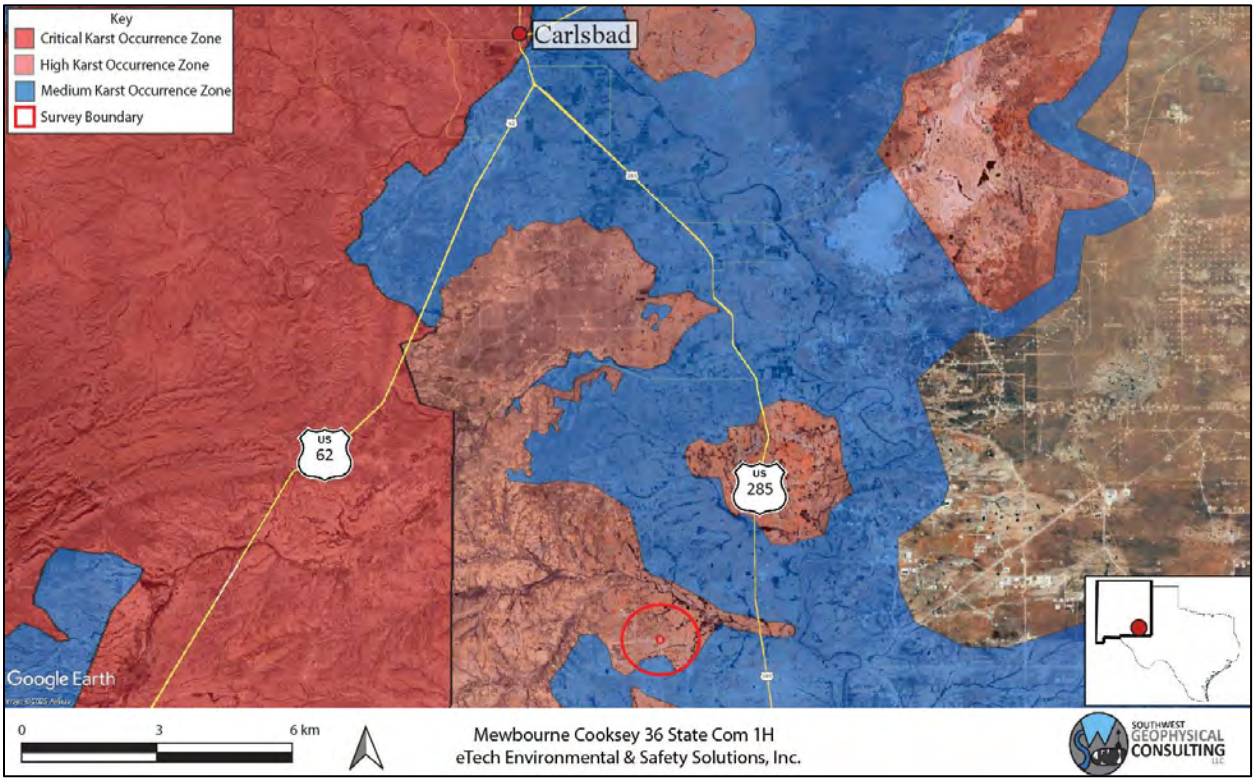


Figure 1: Karst occurrence zone overview. Background image credit: Google Earth. Image date: July 13, 2024. Image datum: WGS-84.

1.4 Limitations of Report

This report should be read in full. No responsibility is accepted for the use of any part of this report in any other context or for any other purpose or by third parties. This report does not purport to give legal advice. Legal advice can only be given by qualified legal practitioners.

This report has been prepared for the use of eTech Environmental & Safety Solutions, Inc., in accordance with generally accepted consulting practices. Every effort has been made to ensure the information in this report is accurate as of the time of its writing. This report has not been prepared for use by parties other than the client, their contracting party, and their respective consulting advisors. It may not contain sufficient information for the purposes of other parties or for other uses.

This report was prepared upon completion of the associated fieldwork using a standard template prepared by Southwest Geophysical Consulting and is based on information collected prior to fieldwork, conditions encountered on site, and data collected during the fieldwork and reviewed at the time of preparation. Southwest Geophysical Consulting disclaims responsibility for any changes that might have occurred at the site after this time. The interpreted results, locations, and depths noted in this report (if applicable) should be taken as an interpretation only and no decision should be based solely on this information. Physical verification of aerial imagery analysis results should be conducted in the field prior to using this information for remediation planning. Physical verification of geophysical results using geotechnical methods should be conducted.

To the best of our knowledge, the information contained in this report is accurate at the date of issue. Due to the nature of karst terrain, the information in this report shall not be used beyond two years past the date of the field work provided in section ***2.3 Description of Survey***. Large weather events can shorten this time period as areas subject to karst development can rapidly form new features subsequent to these events.

2.0 LOCATION AND DESCRIPTION OF STUDY AREA

2.1 Description of Site

The site is located 38.5 kilometers (23.9 miles) south of Carlsbad, New Mexico, west of U.S. Highway 285, east of Road Runner Road, and north of White's City Road. The release area is located within the SE ¼ section of section 36, NM T25S R27E[6] (**Figure 1** and **Figure 2**). The region has rolling terrain with karstification occurring in the gypsite soils and underlying gypsum and dolomite bedrock[7] (see section ***2.2 Local Geology Summary*** for further information). The climate in this area of southeast New Mexico is semi-arid with an average annual precipitation of approximately 13 inches, of which about two-thirds falls as rain during summer thunderstorms from June to October. Summers are hot and sunny while winters are generally mild, with an average maximum temperature of 96°F in July and an average minimum temperature of 28°F in January[8]. This area is within the Chihuahuan Desert Thornscrub as defined by the Southwestern Regional ReGAP Vegetation map[9] and the vegetation consists mostly of areas of blue grama, nine-awned pappus grass, burro grass and low scrub including yucca. The spill delineation boundary is located within an HKOZ[5] (**Figure 1**) and within NMSLO managed land[10] (**Figure 2**).

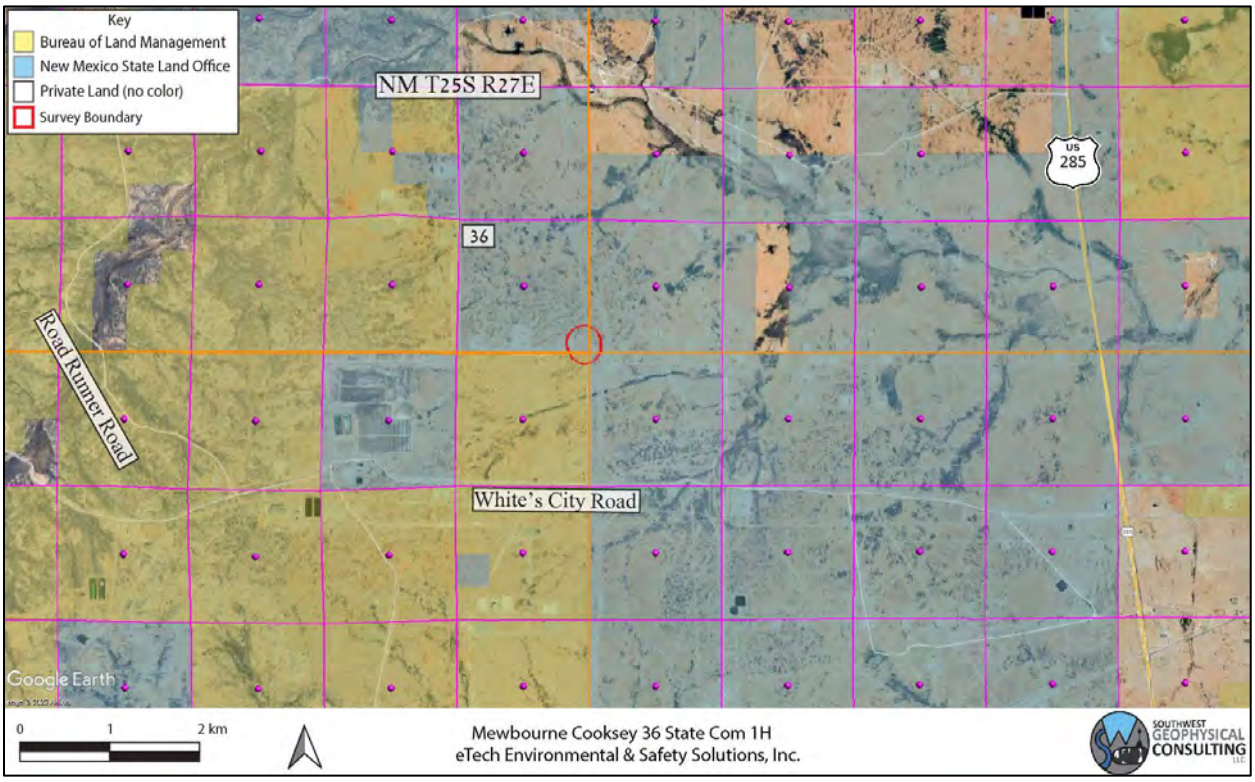


Figure 2: Land ownership and PLSS overview. Background image credit: Google Earth. Image date: July 13, 2024. Image datum: WGS-84.

2.2 Local Geology Summary

The site for the C36S survey is located at an elevation of 942 meters (3,091 feet), ± 2 meters (6.6 feet). This region is entirely underlain by the Permian Rustler Formation (Pru). The area is mantled by thin gypsiferous soils (gypsite) and Quaternary alluvium (Qal)[11] up to 5 meters in depth (**Figure 3**).

The Rustler Formation is an evaporite facies composed mainly of thin siltstones and sandstones interbedded with claystones, dolomite, and gypsum, and contains both karst-forming strata (the Forty-niner and Tamarisk members) and two shallow aquifers (the Magenta and Culebra Dolomite members)[12].

The Pru overlies the Permian Salado Formation (Psl), a layer of extremely soluble halite which can readily dissolve to create caves, sinkholes, and other karst features; however, due to its extremely soluble nature, only non-soluble silt and sand remain from the dissolution of this layer at the surface[12]. The Rustler Formation may be subject to collapse if a void has developed beneath it in the Salado Formation[13].

The survey area is covered by the easily accessible Geologic Map of New Mexico (2003) at 1:500,000 scale[14] and the Digital Geologic Map of New Mexico in ARC/INFO Format[11].

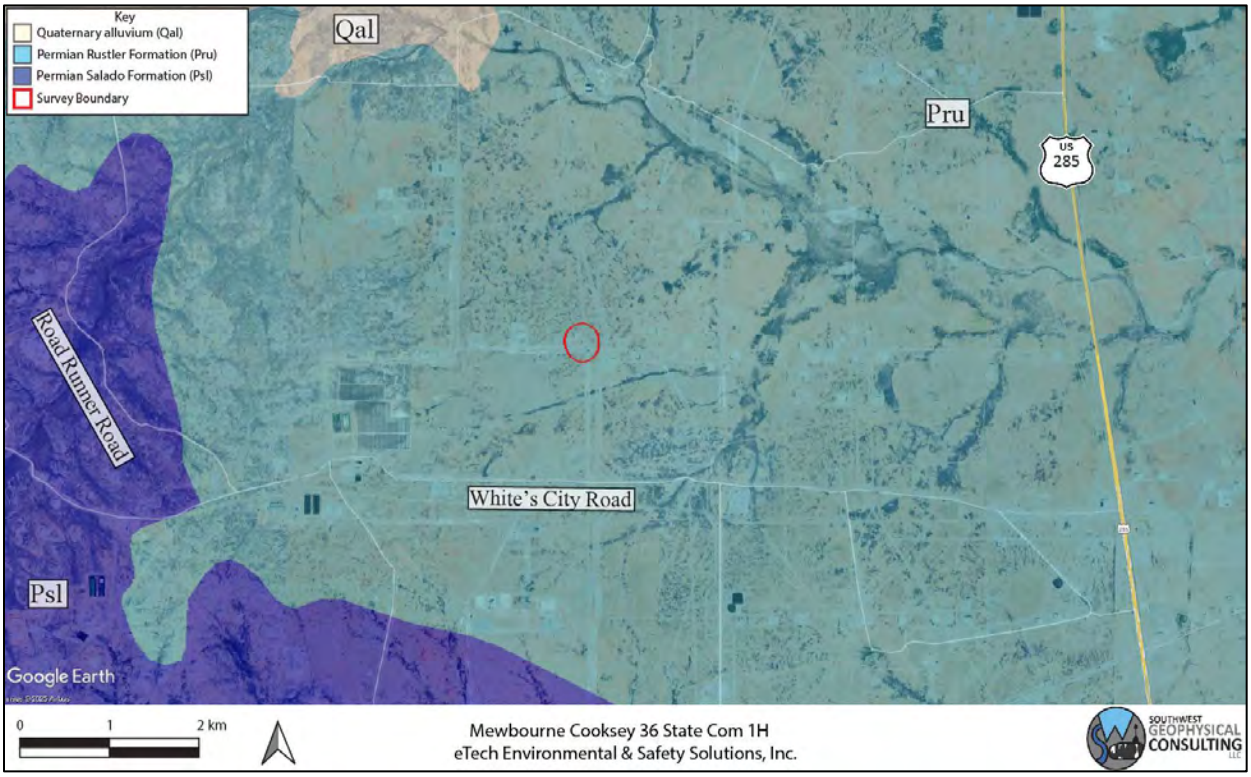


Figure 3: Geology overview. Geology map credit: The Digital Geologic Map of New Mexico in ARC/INFO Format. Background image credit: Google Earth. Image date: July 13, 2024. Image datum: WGS-84.

2.3 Description of Survey

2.3.1 Surface Karst Survey

Southwest Geophysical Consulting, in partnership with SWCA Environmental Consultants, provides surface karst surveys using small, uncrewed aerial systems (sUAS) that are flown by qualified, FAA licensed drone pilots and that meet the stringent Bureau of Land Management – Carlsbad Field Office requirements for both pedestrian and aerial karst surveys.

The surface karst survey includes a desk study prior to the flight which allows us to provide client feedback in the event of any previously known karst features in the area. The desk study is performed out to 305 meters (1,000 feet) from the spill delineation boundary per New Mexico Oil Conservation Division guidance [1] (**Figure 4**). The study was performed using satellite and aerial imagery from Google Earth Pro dated July 13, 2024 (please note features less than one meter in diameter are generally not visible using this method); the Southwest Geophysical Cave and Karst Database dated April 25, 2025[15]; the Cottonwood Hills, NM, 1:24,000 quad, 1985, USGS topographic map; and the latest lidar imagery from CalTopo.com. Please note that we use older topographic maps because newer maps have had caves removed from them. These searches and queries returned one previously recorded karst feature within the 305-meter survey boundary. This feature can be recognized by the feature ID in **Table 3** with a date older than that of this survey.

Surface karst surveys are conducted by sUAS at low elevation within 200 meters of the spill delineation boundary[4] (**Figure 4**) following a preplanned raster pattern flightpath designed for the purpose of generating at least 75% imagery overlap. The collected high-resolution, georeferenced imagery is stitched together to develop orthomosaic imagery which is further developed into a digital elevation model (DEM); the DEM is then processed into a local relief model (LRM) (**Figure 6**). This LRM is color coded to enhance differences in elevation of as little as five centimeters. The orthoimagery, DEM, and LRM are uploaded to a server where they are analyzed by an experienced karst geologist. Finally, the data is reviewed by a senior karst geologist for quality assurance and downloaded into a table for inclusion in a written report[16].

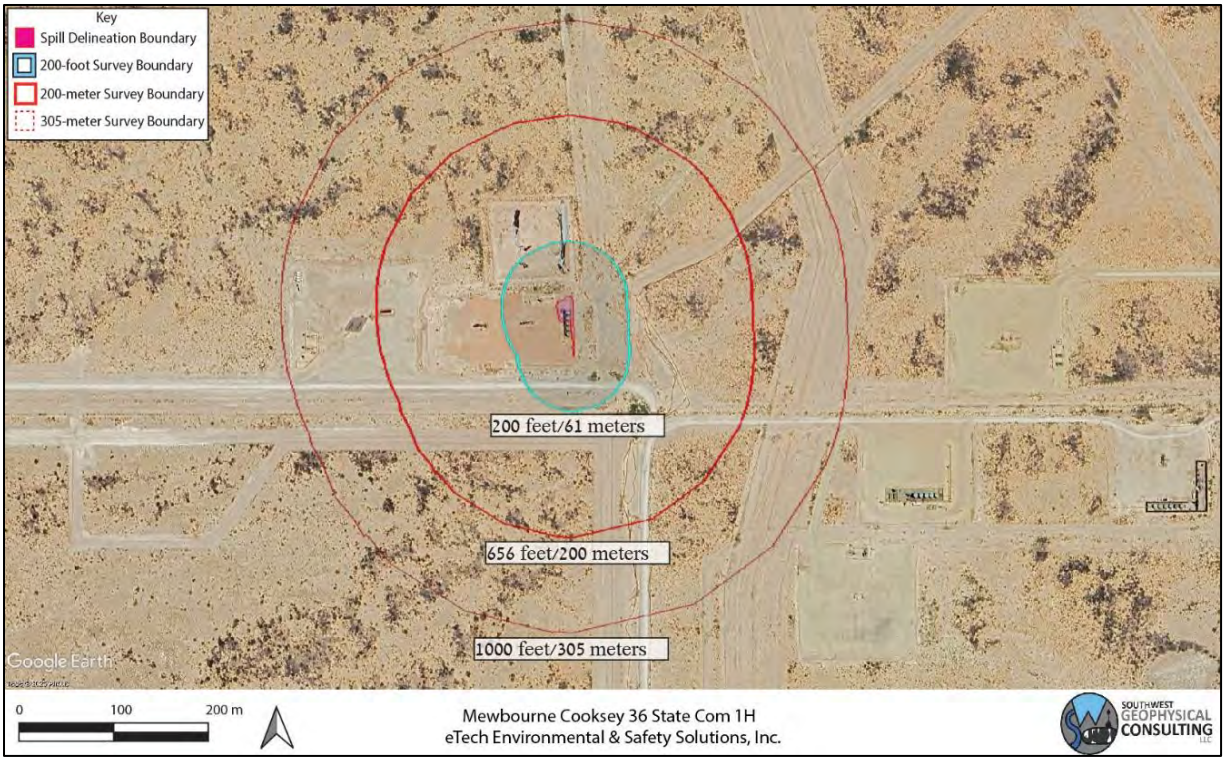


Figure 4: Surface survey overview. Background image credit: Google Earth. Image date: July 13, 2024. Datum: WGS-84.

The resolution of the orthoimagery is clear enough that features as small as 10 centimeters can be positively identified in most circumstances. Occasionally there are ambiguous features identified during an aerial survey that will need to be checked in the field if they are impacted by the proposed remediation efforts. Specifically, it is difficult to tell the difference between solution tubes, abandoned uncased well bores, and some burrows in drone imagery. If an ambiguous feature is located during imagery analysis, it is marked with a yellow dot in **Figure 6**. If a feature of any likelihood is subsequently verified in the field prior to publication of the report, the dot will be changed to a red triangle if confirmed as a karst feature or deleted if not.

The imagery for this study was collected via aerial survey by Pat Lagodney of SWCA on April 18, 2025. Surface karst features may have developed after this date and will not be noted in this report. Imagery analysis was completed by Dave Decker of Southwest Geophysical Consulting on May 14, 2025.

2.3.2 Geophysical Survey

For this survey, an Advanced Geosciences Inc. (AGI) SuperSting™ Wifi R8 with a multi-electrode switchbox, a 42-electrode array, 40-centimeter-long electrodes, and a tablet controller were used to image the subsurface. This survey consisted of one resistivity line of 42 electrodes at 5-meter electrode spacing in a dipole-dipole strong-gradient configuration laid out south to north, resulting in a 205-meter-long array. (**Figure 5**, **Table 1**). A preconfigured command file was used to run the data collection (DDSG42). This electrode configuration provided a depth of investigation of 41 meters (135 feet) and a resolution of 2.0 to 2.5 meters (6.6 to 8.2 feet) within the first 10 to 15 meters (33 to 49 feet) from the surface. A Leica GS18 GPS was used to record electrode locations and elevations.

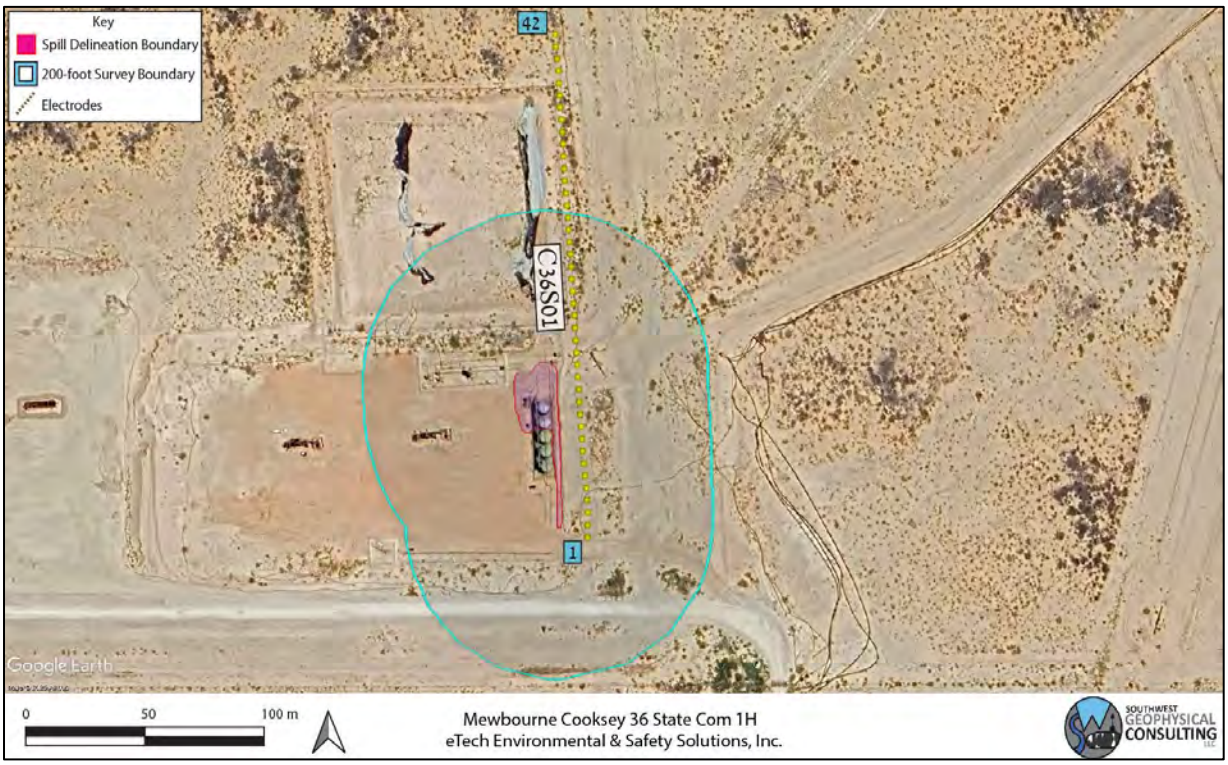


Figure 5: Geophysical survey overview. One survey line was conducted with 42 electrodes at 5-meter spacing (yellow dots denoted with blue numbers). Background image credit: Google Earth. Image date: July 13, 2024. Image datum: WGS-84.

Table 1 provides basic line data. Detailed information including electrode number, location in latitude/longitude (decimal degree format), and elevation in meters can be found in the accompanying data files.

Table 1: Survey Line Data Table. The .kmz file contains all the points for the survey line listed in the file name. These data are available in the accompanying files C36S_ERI_Points.xlsx and ETEC-015-202500416_C36S_Data_Files.kmz.

File Name:	Completed By:	Date:
C36S01.kmz	Garrett Jorgensen Olague – Field Geologist Britt Bommer – Field Geologist Steven Kesler – Field Geologist	4/30/2025

EarthImager™ 2D software was used to download and process the data and to provide the model used to make our interpretations. The design of the survey and the orientation of each of the lines provides the information necessary to make the determination of "stable" or "unstable" ground at this site.

A typical starting model was used for the data processing due to the two-layer model of the geology in the area; specifically, generally high-resistivity gypsum and dolomite at the surface and low-resistivity saturated gypsum and dolomite bedrock at depth. The starting model used was "average apparent resistivity" and a default inversion setting of "surface," with a minimum apparent resistivity set to 0.1 Ohm-meters (Ohm-m or Ω-m) and a max apparent resistivity set to 100,000 Ω-m (**Table 2**).

Table 2: Software Information and Settings

Software Name:	EarthImager™ 2D
Version:	2.4.4.649
Starting Model:	Average Apparent Resistivity
Default Inversion Settings:	Surface
Changes to Default Inversion Settings:	Max Apparent Resistivity = 100 kΩ-m Min Apparent Resistivity = 0.1 Ω-m

Note: Raw data files (.stg files for EarthImager™ 2D) and processed data (.trn files, terrain files for surface correction in EarthImager™ 2D and .out files, the processed .stg files) are available upon request.

All field work, including setup, stow, and travel, was completed by Garrett Jorgensen Olague, Britt Bommer, and Steven Kesler on April 30, 2025.

3.0 RESULTS

3.1 Surface Karst Survey

The desk study and surface karst survey showed no surface karst features located within the 200-foot (61-meter)[1] survey area surrounding the spill delineation boundary (**Figure 6**).

Two recognized surface karst features are located within the 305-meter survey boundary, but outside of the 200-foot survey boundary (**Figure 6**, **Table 3**). Recognized surface karst features are features that are positively identified in either satellite or aerial imagery as karst features and the features have been visited by a qualified karst professional in the field and fully identified. Images for the features are available on request.

Feature 250514-D01 is a suffosion sinkhole cluster. These are typical recharge areas and are associated with subsurface karst development around the perimeter that could be a hazard to equipment and personnel. Feature 221103-D01 is a 6-meter diameter, 3-plus-meter deep cover-collapse sinkhole outside of the 200-meter survey boundary.

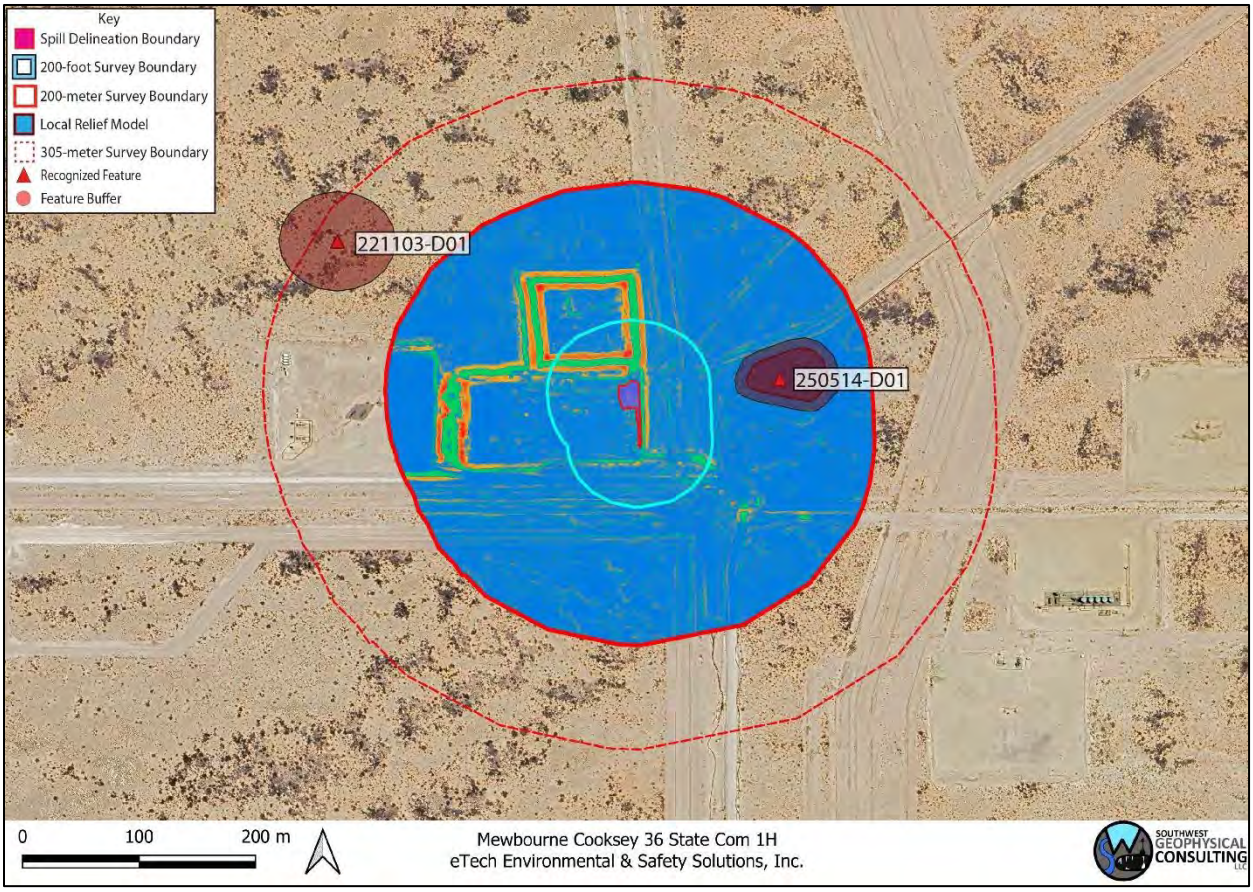


Figure 6: Surface karst survey results. Background image credit: Google Earth. Image date: July 13, 2024. Image datum: WGS-84.

Caution should be exercised while operating in or around all karst-related features due to the possibility of near-surface voids. Employing a BLM-CFO approved karst monitor on site during these activities should be considered.

Table 3 contains a list of features identified during the surface karst survey and subsequent imagery analysis. Each feature is identified with a feature identification number (Feature ID), the type of feature, estimated size (in meters), recommended buffer (in meters), the likelihood of this feature being a surface karst feature (modifiers H/M for high or medium likelihood, V for field verified), and its location in WGS-84/UTM-13 (EPSG: 32613).

Table 3: Surface Karst Feature Data Table

KF Status	Feature ID	Type	Size (m)	Buffer (m)	Mod	Easting	Northing
RKF	221103-D01	Cover-collapse sinkhole	6	50	V	581294.233	3549780.497
RKF	250514-D01	Suffosion sinkhole cluster	52	10	V	581674.896	3549644.336

NOTE: Location data provided in WGS-84/UTM 13N. RKF – recognized karst feature.

3.2 Geophysical Survey

Electrical resistivity tomography forms images of the subsurface by causing a current to flow through the rock and soil and then measuring the resistance of these materials as the current flows through them. This measurement is taken many times and the resulting data, once processed, is used to produce a model of the subsurface (**Figure 7**). This model is produced using "non-unique" solutions, which means that there are many models and interpretations which will satisfy the data. Using experience and knowledge of the local geology, a high-confidence model can be established and used to develop an accurate understanding of what lies below the surface. This survey was conducted with the express purpose of locating subsurface voids and does not purport to find paleokarst (old, non-active karst features that have been filled in with sand and sediment) or nascent karst features below the resolution limit of the survey.

The results of this study indicate a moderately well-layered geologic system with resistivities between 2 and 3,267 Ohm-m (**Figure 7**). One high-resistivity anomaly is present with a resistivity of 38,347 Ohm-m**.** Please keep in mind when viewing the 2D inverted resistivity sections that color maps can be widely different for each view. Always check the color map located on the right side of the image when viewing the 2D images to ensure you understand the range of resistivities presented. Distances along the top and depths along the left side are in meters. The color map along the right side is in Ohm-m. Due to the nature of the survey, shallower zones have higher resolution between electrodes than deeper zones; therefore, small features at depth will not be visible.

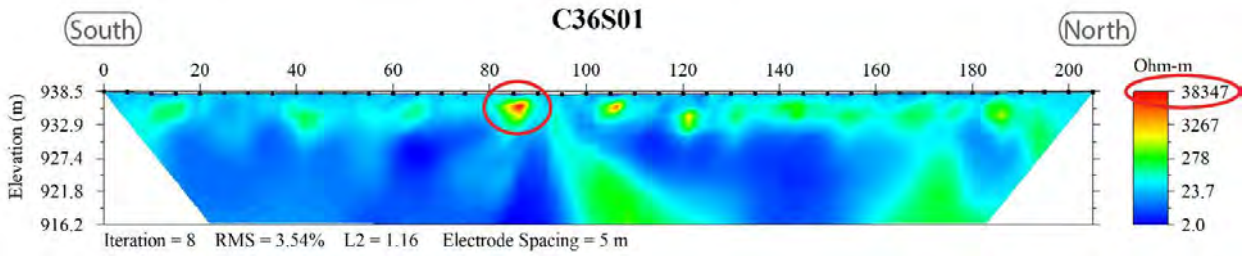


Figure 7: 2D inverted resistivity section. Red ellipse highlights high-resistivity anomaly. Reds and oranges indicate higher resistivity values. Yellows and greens are medium-resistivity values. Blues are low-resistivity values. Please note that the color scale is relative.

4.0 DISCUSSION

No surface karst features exist within the 61-meter (200-foot) survey boundary. Two recognized surface karst features exist within the 305-meter (1000-foot) survey boundary but outside of the 61-meter (200-foot) survey boundary. Feature 250514-D01 appears in aerial imagery to contain a cluster of suffosion sinkholes. Suffosion sinkholes are associated with solution-enlarged fractures and recharge zones. Large subsurface voids are sometimes located on the perimeter of these features; these voids can be collapse hazards and should be avoided during remediation work. Feature 221103-D01 is a cover-collapse sinkhole. This feature is outside the 200-meter survey boundary and should be avoided by remediation personnel as it could be a trip/fall hazard.

The geophysical survey contains one high-resistivity anomaly with a value of 38,347 Ohm-m. However, this anomaly is located underneath infrastructure and is interpreted to be related noise. **Therefore, no anomalies consistent with air-filled subsurface voids that could pose a collapse risk are interpreted to be under the C36S geophysical survey area. Additionally, the resistivity data indicates well layered stratigraphy within the zone of the resistivity investigation, indicating stable ground.**

Small solutionally enlarged voids or fractures at or near the resolution limit of the survey (2.5 – 3.0 meters) may be present. Slightly higher-than-average resistivity areas less than 10 meters beneath the surface are interpreted as sand, caliche, or gypsite soils. Due to their much lower resistivity values when compared with significant subsurface voids, these features should not be a concern during remediation efforts. Areas of moderate resistivity (yellows, and greens) near the surface are interpreted as dry gypsite soils and gypsum or dolomite bedrock of the Rustler Formation[17] (**Figure 7** and **Figure 8**).

Very low-resistivity areas between 2.0 – 10 Ohm-m may either represent fluid from the brine release, surface-to-subsurface hydrologic pathways, or a layer of either clays and halite lenses or moist or saturated layers within the Rustler Formation (**Figure 7**).

Please remember that these are interpretations made from knowledge of the local subsurface materials and experience. **They remain interpretations until verified by geotechnical methods.** Employing a BLM-CFO approved karst monitor on site during any drilling and/or remediation activities that require excavation should be considered.

Fracture sets within the subsurface can act as hydrologic pathways to the water table. Rapid dissolution of gypsum can occur along these pathways creating solution-enlarged fractures, and in some cases, voids within months to years. For this reason, this survey is valid only for this remediation event.

Within karst terrains like the project site, small air- or sediment-filled voids and/or brecciated zones and solutionally enlarged fractures that are below the resolution limit of the survey (2.5–3.0 meters) may exist; these may be encountered during excavation, and if so, should be evaluated by a karst specialist prior to continued work.

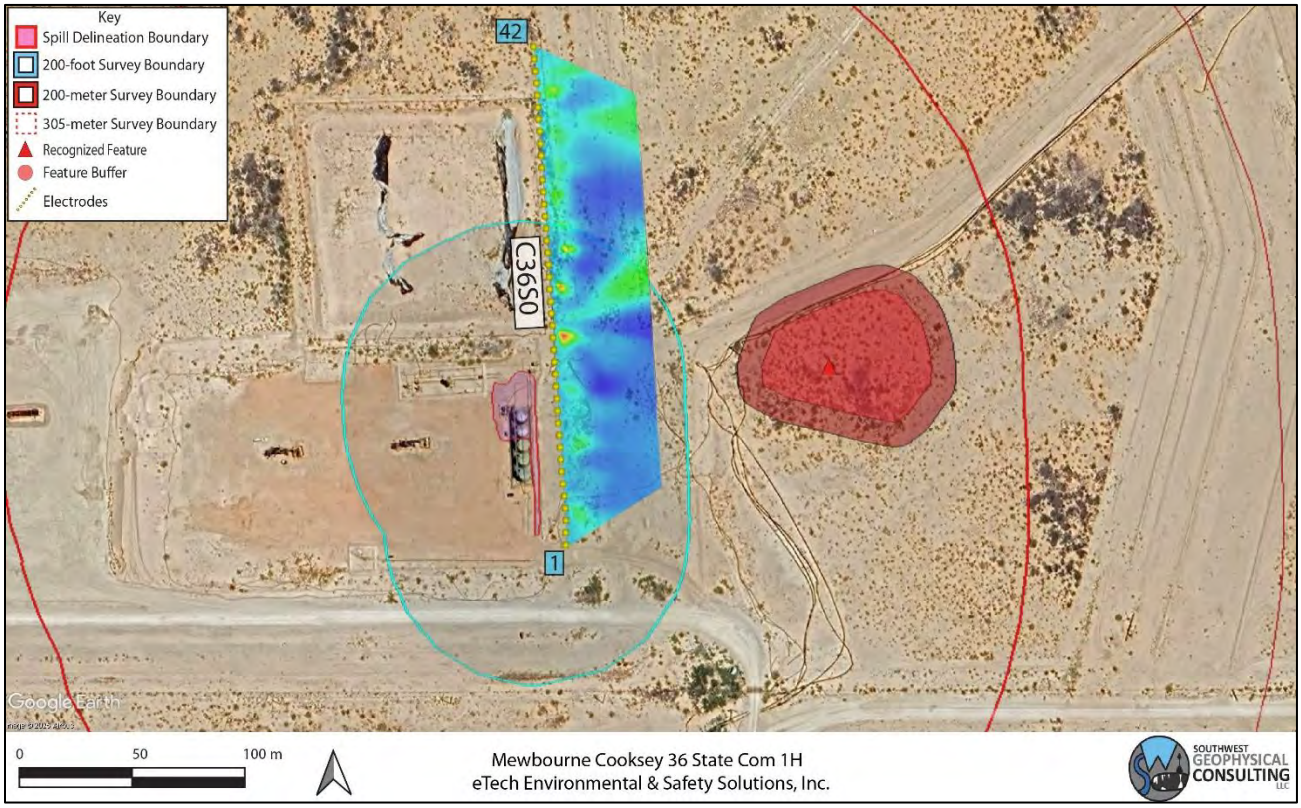


Figure 8: Data overlay. Colored trapezoid is the 2D inverted resistivity line. Background image credit: Google Earth. Image date: July 13, 2024.

5.0 SUMMARY

- **The C36S survey contains no surface karst features within 200 feet (61 meters) of the spill delineation boundary.**
- Two recognized surface karst feature exist within the 305-meter survey boundary.
- **No shallow anomalies interpreted as large voids or related karst features that would present a danger to equipment operators are located within the geophysical survey area.**
- Intercepting a void during remediation is unlikely, but still possible. Small voids or solutionally enlarged fractures below the resolution limit of the survey may be encountered.
- **Well-layered stratigraphy is interpreted to exist beneath the geophysical survey line indicating stable ground in the area of the subsurface investigation.**
- When conducting any remediation activities in this area, employing a BLM-CFO approved karst monitor on site should be considered.

6.0 DISCLOSURE STATEMENT

Karst occurrence zones are prone to rapid karst formation and warrant careful planning and engineering to mitigate karst-forming processes that could be accelerated by removal of surface cover or the vibrations associated with heavy equipment used in the remediation process.

Mitigation measures for any karst features revealed during excavation shall be approved by the Bureau of Land Management – Carlsbad Field Office and follow the Natural Resources Conservation Service Conservation Practice Standard for Karst Sinkhole Treatment, Code 527, or the Bureau of Land Management Cave and Karst Management Handbook, H-8380-1.

Vigilance during remediation activities is paramount. If voids are encountered during excavation, contact the Bureau of Land Management Karst Division at (575) 234-5972, the New Mexico State Land Office Surface Resources Division at (505) 827-5768, or a BLM-CFO approved karst contractor and request an on-site investigation from a karst expert if one is not already on site. A karst consultant can generally be available in Eddy County within five hours.

Approved karst monitors should have karst feature identification training, at least two years of supervised experience identifying karst features, wilderness first aid training, SRT training, confined space training, gas monitor training, and a minimum of SPAR cave rescue training through NCRC. They should have with them the proper gear and be prepared both physically and mentally to enter a collapse feature within minutes to perform a rescue if needed. Monitoring services with qualified karst monitors, as well as cave surveys and geophysical surveys, are available from Southwest Geophysical Consulting.

Under no circumstances should an untrained, inexperienced person enter a cave, pit, sinkhole, or collapse feature. All field employees of Southwest Geophysical Consulting have extensive caving experience and the ability to determine whether entry into a karst feature is safe or presents a hazard. In the event it is necessary to enter a karst feature, Southwest Geophysical Consulting can provide these services on request.

Cave and karst resource inventory reports, karst feature investigations, and geophysical reports (along with the associated data files) commissioned at the request of the land manager should be submitted to BLM-CFO at blm_nm_karst@blm.gov.

Cave and karst resource inventory reports for the NMSLO should be submitted to the respective project manager.

Environmental karst reports should be submitted to the appropriate project manager at the New Mexico Oil Conservation Division.

7.0 REFERENCES

1 Division, O. C. *Title 19, Chapter 15, Part 29* (Oil Conservation Division, 2018).

2 NMSLO. (ed Oil Conservation Division) (New Mexico State Land Office, Santa Fe, NM, 2018).

3 Decker, D. & Jorgensen, G. L. *Environmental Karst Surveys White Paper* (Southwest Geophysical Consulting, LLC, 2024).

4 Goodbar, J. R. Vol. BLM Management Handbook H-8380-1 (ed Carlsbad Field Office) 59 (Bureau of Land Management, Denver, CO, 2015).

5 Decker, D., Trautner, E. & Palmer, R. (Bureau of Land Management - Carlsbad Field Office, 2025).

6 Earthpoint. *Earthpoint Tools for Google Earth*, <https://www.earthpoint.us/Townships.aspx> (2022).

7 Decker, D. D., Land, L. & Luke, B. Characterization of Playa Lakes in the Gypsum Karst of Southeastern New Mexico and West Texas, USA. *Oklahoma Geological Survey Circular 113* **113** (2021).

8 W.R.C.C. *National Climate Data Center 1981-2010 Normal Climate Summary for Carlsbad, New Mexico (291469)*, 2010).

9 Whitehead, W. & Flynn, C. *Plant Utilization in Southeastern New Mexico: Botany, Ethnobotany, and Archaeology*. (Bureau of Land Management, Carlsbad Field Office, 2017).

10 NMSLO. Digital overlay (KML) of the surface land ownership in New Mexico (New Mexico State Land Office, Santa Fe, NM, 2024).

11 Green, G. N. & Jones, G. E. *The Digital Geologic Map of New Mexico in ARC/INFO Format*, <https://mrdata.usgs.gov/geology/state/state.php?state=NM> (1997).

12 Austin, G. S. *Geology and mineral deposits of Ochoan rocks in Delaware Basin and adjacent areas*. Vol. Circular 159 (New Mexico Bureau of Mines and Mineral Resources, 1978).

13 Johnson, K. S. Evaporite Karst in the United States. *Carbonates and Evaporites* **12**, 2-14 (1997).

14 Scholle, P. A. Geologic Map of New Mexico. (2003).

15 Decker, D. D., Jorgensen, G. L. & Palmer, R. in *Southwest Geophysical Cave and Karst Database* (ed LLC Southwest Geophysical Consulting) (Albuquerque, NM, 2025).

16 Whitehead, W., Bandy, M. & Decker, D. Protocol for Using UAV Photography for Rapid Assessment of Karst Features in Southeast New Mexico. *Proceedings of the 2022 Cave and Karst Management Symposium* (2022).

17 Hill, C. A. *Geology of the Delaware Basin, Guadalupe, Apache and Glass Mountains, New Mexico and West Texas*. Vol. 96-39 (Permian Basin Section - SEPM, 1996).

8.0 GLOSSARY OF TERMS

AGI	Advanced Geosciences Inc.
BLM-CFO	Bureau of Land Management - Carlsbad Field Office
brecciated	Fractured rock caused by faulting or collapse.
caprock-collapse sinkhole	Collapse of roof-spanning rock into a cave or void.
cave	Natural opening at the surface large enough for a person to enter.
cover-collapse sinkhole	Collapse of roof-spanning soil or clay ground cover into a subsurface void.
ERI	Electrical Resistivity Imaging
GPS	Global Positioning System
grike	A solutionally enlarged, vertical, or sub-vertical joint or fracture.
(H)	High confidence modifier for a PKF. This is typically reserved for a feature that is definitely karst but has not been confirmed in the field.
HKOZ	High Karst Occurrence Zone
karst	A landscape containing solutional features such as caves, sinkholes, swallets, and springs.
(L)	Low confidence modifier for a PKF. This is typically a feature that cannot be ruled out as karst but is most likely NOT karst related. This modifier may also be used for pseudokarst features.
(M)	Medium confidence modifier for PKF. This is an ambiguous feature that can't be positively identified as karst without a field visit (e.g., burrows, abandoned unlined wells, solution tubes, pseudokarst).
MKOZ	Medium Karst Occurrence Zone
NCRC	National Cave Rescue Commission
NKF	Non-karst feature. Used for features originally identified as PKF that have been subsequently identified in the field as non-karst related. This term may also be used for pseudokarst features.
NMSLO	New Mexico State Land Office
Ohm-m	Ohm-meter, a unit of measurement for resistivity. Sometimes abbreviated Ω-m.
paleokarst	Previously formed karst features that have been filled in by erosion and/or deposition of minerals.
Pat	Permian Artesia Group
Pc	Permian Capitan Formation
Pcs	Permian Castile Formation
Pdl	Permian Dewey Lake Formation
PKF	Possible karst feature. This term is reserved for features identified in satellite or aerial imagery that have NOT been visited in the

	field. Further modifiers include (H) for high confidence, (M) for medium confidence, and (L) for low confidence. These confidence levels are based on field experience.
PLSS	Public Land Survey System
Pqg	Permian Queen/Greyburg Formation
Pru	Permian Rustler Formation
pseudokarst	Karst-like features (sinkholes, conduits, voids etc.) that are not formed by dissolution. These types of features include soil piping, lava tubes, and some cover-collapse and suffosion sinkholes.
Psl	Permian Salado Formation
Psr	Permian Seven Rivers Formation
Pt	Permian Tansill Formation
Py	Permian Yates Formation
Qal	Quaternary alluvium
Qe	Quaternary eolian deposits
Qp	Quaternary piedmont deposits
Qpl	Quaternary playa lake deposits
RKF	Recognized karst feature. This term is reserved for karst features that have been physically verified in the field.
SPAR	Small Party Assisted Rescue
sUAS	Small, uncrewed aerial system
suffosion sinkhole	Raveling of soil into a pre-existing void or fracture.
swallet	A natural opening in the surface, too small for a person, that drains water to an aquifer. Some are "open," meaning a void can be seen below; some are "closed, "meaning they are full of sediment.
SWG	Southwest Geophysical Consulting, LLC
UTM	Universal Transverse Mercator (projected coordinates)
(V)	Field verified modifier for a RKF. This indicates that the feature has been visited by a qualified karst professional in the field and fully identified
WGS	World Geodetic System (geographic coordinates)

9.0 ATTESTATION

David D. Decker, PhD, PG, CPG
Chief Executive Officer, Principal Geologist
Southwest Geophysical Consulting, LLC
5117 Fairfax Dr. NW
Albuquerque, NM 87114
dave@swgeophys.com
(505) 585-2550

CERTIFICATE OF AUTHOR

I, David D. Decker, a Licensed Professional Geologist and a Certified Professional Geologist, do certify that:

- I am currently employed as a consulting geologist in the specialty of caves and karst with an office address of 5117 Fairfax Dr. NW, Albuquerque, NM, USA, 87114.
- I graduated with a Master of Science in Applied Physics with a specialization in Sensor Systems from the Naval Post Graduate School in Monterey, California, in 2003, and a Doctor of Philosophy in Earth and Planetary Sciences from the University of New Mexico, Albuquerque, New Mexico, in 2018.
- I am a Licensed Professional Geologist in the State of Texas, USA (PG-15242) and have been since 2021. I am a Certified Professional Geologist through the American Institute of Professional Geologists (CPG-12123) and have been since 2021.
- I have been employed as a geologist continuously since 2016. I was previously employed as a Fire Controlman, Naval Flight Officer, and Aerospace Engineering Duty Officer in the U.S. Navy and operated, maintained, and installed various sensor systems including magnetic, electromagnetic, radar, communications, and acoustic systems in various capacities from 1986 through 2010.
- I have been involved in various aspects of cave and karst studies continuously since 1985, including exploration, mapping, and scientific studies.
- I have read the definition of “qualified karst professional” set out in the ASTM Standard Practice for Preliminary Karst Terrain Assessment for Site Development (ASTM E-1527). I meet the definition of “qualified professional” for the purposes of this standard.
- I am responsible for the content, compilation, and editing of all sections of report number ETEC-015-20250416 entitled, “Environmental Karst Study Report, Mewbourne Cooksey 36 State Com 1H, Eddy County, New Mexico.” I or a duly authorized and qualified representative of Southwest Geophysical Consulting, LLC, have personally visited this site and/or reviewed the aerial imagery on the date or dates mentioned in section ***2.3 Description of Survey***.

- I have no prior involvement nor monetary interest in the described property or project, save for my fee for conducting this investigation and providing the report.

Dated in Albuquerque, New Mexico, June 4, 2025.

David D. Decker
PhD, CPG-12123



Appendix H
Excavation Guidance Document

ENSOLUM

June 17, 2025

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Excavation Guidance Document
Cooksey 36 St Com #1H Battery
Incident Number nAPP2435536568
Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum) has prepared this document on behalf of Mewbourne Oil Company (Mewbourne), to provide guidance on safety precautions related to the proposed excavation near existing production equipment. This guidance applies to the proposed excavation and applies only to the Cooksey 36 St Com #1H Battery (Site), for which a Sample Location Map was prepared by Etech Environmental and Safety Solutions, Inc. (Etech) and is attached as Figure 3.

This document has been prepared in accordance with the Occupational Safety and Health Administration (OSHA) Excavation Standard 29 Code of Federal Regulations (CFR) Part 1926 Sub-part P Section 1926.652(i) and 1926.652(j) and under the consultation of a Registered Professional Engineer (RPE). The document includes a review of the stability of adjacent structures and protection of employees from loose rocks, soil, and equipment and analysis of the following parameters:

- Soil types and conditions leading to cave-ins;
- Stability of engineered facility equipment with requested excavation;
- Protection of employees from materials and equipment that could fall or roll into an excavation; and
- Other hazardous conditions, including confined spaces.

This guidance document must be reviewed before starting any proposed excavation activities and kept on site if excavation activities are occurring. In addition, a copy of the OSHA Excavation Standard 29 CFR Part 1926 Sub-part P will be kept on site.

Review of OSHA Excavation Standards indicates the following guidance for general excavation activities:

- The walls of any excavated areas must be sloped to a maximum 1 horizontal to 1 vertical for Type B soils.
- OSHA Excavation Standard 29 CFR Part 1926 Sub-part P indicates the following:
    - Excavation below the level of the base or footing of any foundation or retaining wall poses a reasonable hazard to employees and should not be conducted without the removal of equipment adjacent to the proposed excavation and/or installation of physical safety measures such as shoring or other protective structures to prevent structural failure of the equipment foundation and to ensure safety to employees working near the proposed excavation.

- Employees shall be protected from excavated or other materials or equipment that could pose a hazard by falling or rolling into any excavation. Protection shall be provided by placing and keeping such materials or equipment at least two feet (.61 m) from the edge of excavations, or by the use of retaining devices that are sufficient to prevent materials or equipment from falling or rolling into excavations, or by a combination of both if necessary.
- When surcharge loads from stored material or equipment, operating equipment, or traffic are present, a Competent Person shall determine the degree to which the actual slope must be reduced below the maximum allowable slope and shall assure that such a reduction is achieved. Surcharge loads from adjacent structures shall be evaluated in accordance with § 1926.651(i).

EXCAVATION ANALYSIS PARAMETERS

The following findings were observed at the Site:

- Soil type B was observed in the Site visit. Type B soil will be utilized for the recommendation. A competent person will inspect the site daily and note any changes in soil type. If type C soil is identified the excavation slope will be modified to account for this change.
- The area in question entails a polygon with maximum dimensions of 138 feet by 62 feet directly adjacent to and beneath production equipment as shown on Figure 2.
  - There are two areas that were below production equipment at the time of the requested deferral. At the time of the engineering Site inspection, modifications of pipeline paths and equipment locations have been adjusted, exposing the two areas as identified in Figure 2.
- Below the northern portion of the proposed excavation area are multiple production pipelines laying direct on the pad surface. To the northeast, seven lines run in the north-south direction before making a 90 degree turn to the west outside of the proposed excavation area. To the northwest, two production pipelines run independently to the northwest directly over the proposed excavation area. The production pipelines range in diameter from one inch to three inches.
- Below the western potion of the proposed excavation area is a lined containment containing a production equipment skid that houses a pump (lined pump structure). The lined containment measures 10.5 feet wide by 16.24 feet in length. The lined containment lays directly onto the pad surface.
- Directly south of the lined pump structure is an electrical panel and controllers supported by two 3-inch square tubing extending into the subsurface at an unknown depth. The dimensions of the structure are 5.15 feet long by 20 inches wide.
- Below the southern portion of the proposed excavation area is an engineered lined containment containing multiple pipelines and large holding tanks. The lined containment measures 29 feet wide by 104 feet in length. The lined containment lays directly onto the pad surface. Five large cylindrical tanks measuring 15.5 feet in diameter and 16 feet in height reside within the lined containment.

ENGINEER RECOMMENDATIONS

Review of the above-mentioned parameters, OSHA regulations, and Site conditions observed during Site visits were completed and the following RPE recommendations were reached:

- The production pipelines that directly span over the proposed excavation area lie directly on the pad surface. The seven lines running north-south, utilizing Boussineq's strip footing equation,

could be undermined with slopes beginning less than 1-foot from the center of the outer-most pipe. Review of the potential pipe stress and deflection during an excavation directly below pipelines, the pipelines can experience increased tension and compression causing increased hoop stress. Even if additional supports are installed in the process of excavation, the brief time they remain unsupported can cause pipe fatigue and eventually pipe failure. It is reasonable to assume that an increase in hoop stress and increase of pipe fatigue on the pipeline system can exceed the engineered parameters and lead to pipeline failure resulting in an additional release. It is not recommended to excavate directly below any of the pipelines.

- Using the lined pump structure bearing capacity in Terzaghi's bearing capacity equation, the bearing capacity would be undermined with slopes of 30 degrees beginning less than 1 times the depth of requested excavation. With the delineation data indicating a depth of 4 feet bgs, the beginning of the slope should be limited to beginning no less than 4 feet from the edge of the lined pump structure footing without substantial supports added to the structure. This assumes cohesive soils with no shallow groundwater.
- Stress to the soil below the electrical panel structure can be estimated by the 2:1 Stress Distribution Model in the proposed excavation area. The beginning of the slope should be limited to beginning no less than 2 feet from the edge 4 inch square tubing footing per above stated OSHA guidelines.
- Stress to the soil below the lined containment structure can be estimated by the 2:1 Stress Distribution Model in the proposed excavation area in the areas adjacent to the lined containment. The beginning of the slope should be limited to beginning no less than 2 feet from the edge of the lined containment footing per above stated OSHA guidelines.
- Due to the presence of production equipment and lined containment, excavation directly below any of the current lined containment area is not recommended and would require substantial deconstruction and/or additional support for equipment.
- The two areas of the proposed excavation area that previously contained production equipment or pipelines, as identified in Figure 2, are now assessible for excavation. At the time of the engineering Site inspection, no concerns were identified preventing the excavation of these areas.

CONCLUSIONS

Based on the dimensions of the requested excavation and presence of adjacent structures, there is inadequate structure support to conduct excavation of the identified impacted soil in a manner that both protects personnel health and equipment stability with the exception of the two areas identified in Figure 2.

Sincerely,

Ensolum, LLC

Kyle N. Schildt, PE
Director Engineering Services



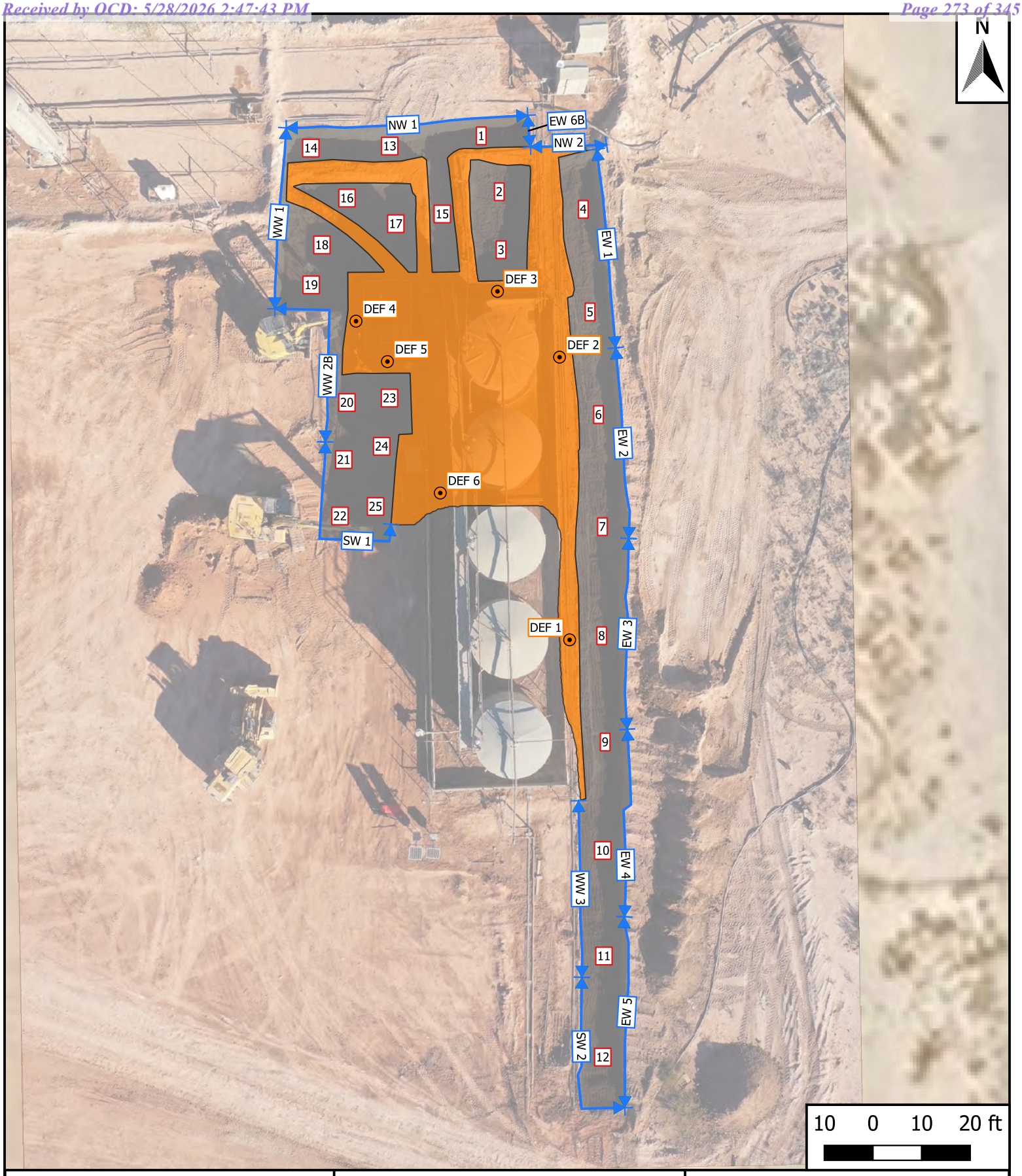
cc: Connor Walker, Mewbourne
New Mexico State Land Office

Appendices:

Figure 3	Sample Location Map
Figure A	Area of Interest Diagram
Appendix A	Engineering Models

ENSOLUM

FIGURES



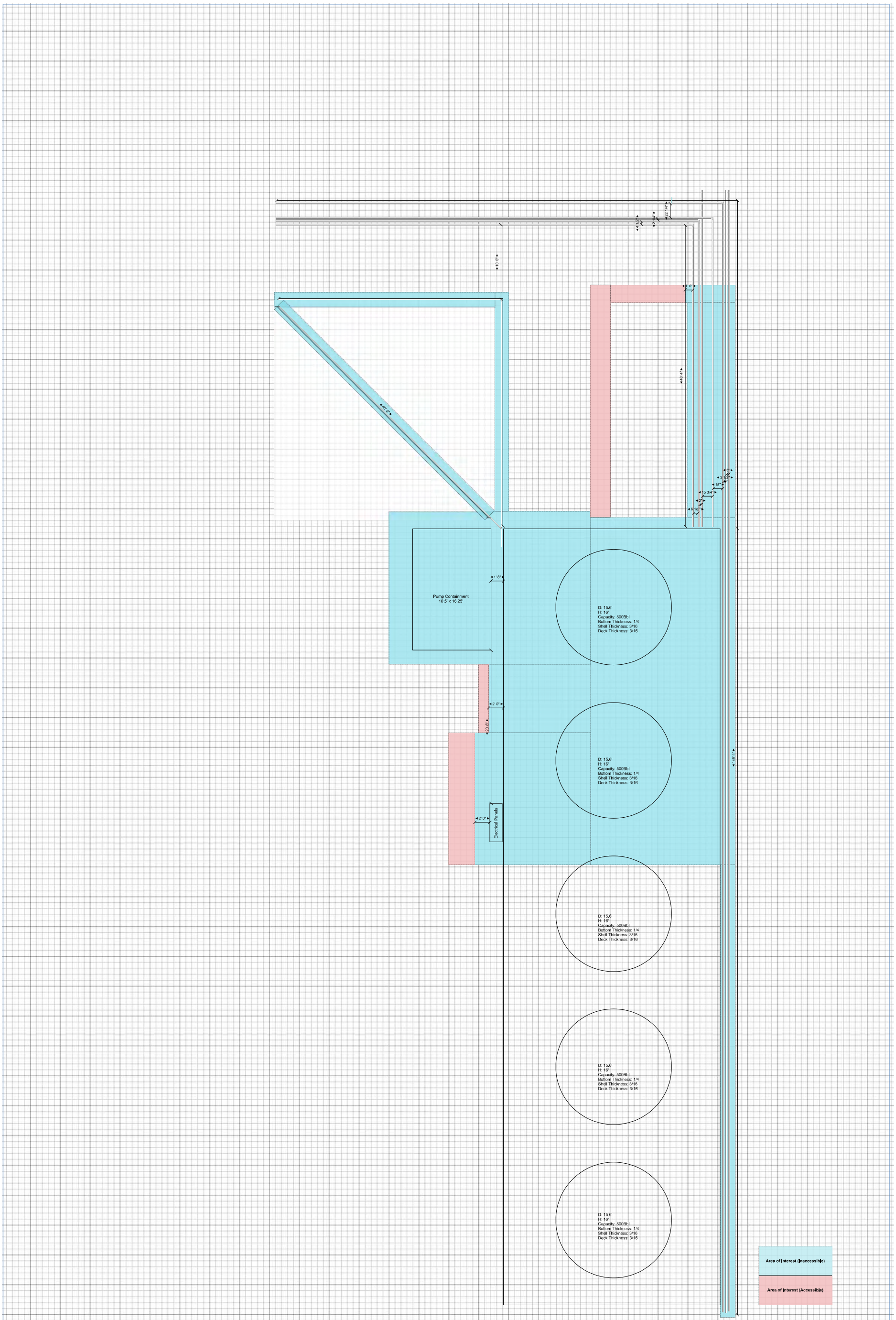
Legend

- Deferral Area (2,760 ft²)
- Excavation Extent (3,692 ft²)
- Composite Floor Sample
- Composite Wall Sample
- Deferral Characterization Sample Location

Figure 3
Sample Location Map
Mewbourne Oil Company
Cooksey 36 St Com #1H Battery
GPS: 32.07997, -104.13602
Eddy County, New Mexico

eTECH Environmental & Safety Solutions, Inc.

Revised: bja Checked: rlc Date: 2/17/25



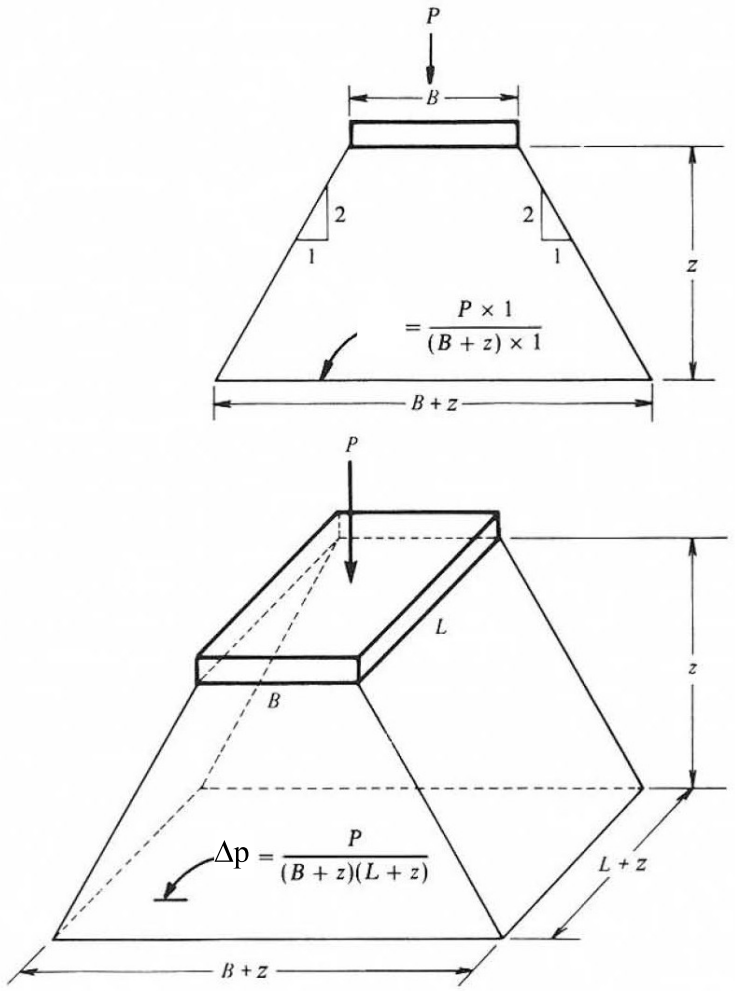
Site: Cooksey 36 St Com #1H Battery		Drawing: 801506	Project: 03D2749001	Drawn: Tracy Hillard	Notes:
Title: Excavation Guidance Document Schematic		Scale: 1/4":1'0"	Date: 06/5/2025	Rev: A	

Ensolum, LLC
3122 National Parks Hwy
Carlsbad, NM 88220

ENSOLUM

Appendix A
Engineering Models

(a)



(b)

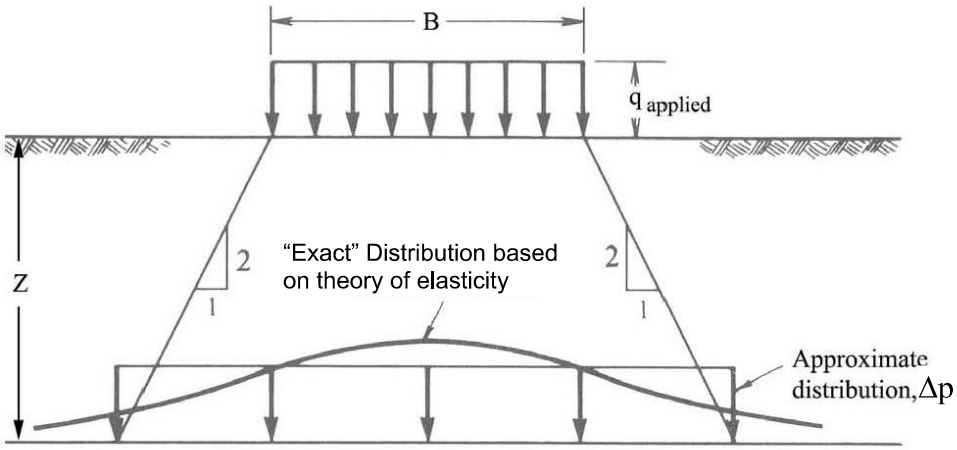


Figure 2-10. Distribution of vertical stress by the 2:1 method (after Perloff and Baron, 1976).

Released to Imaging: 6/9/2026 4:08:54 PM

Received by OCD: 5/28/2026 2:47:43 PM

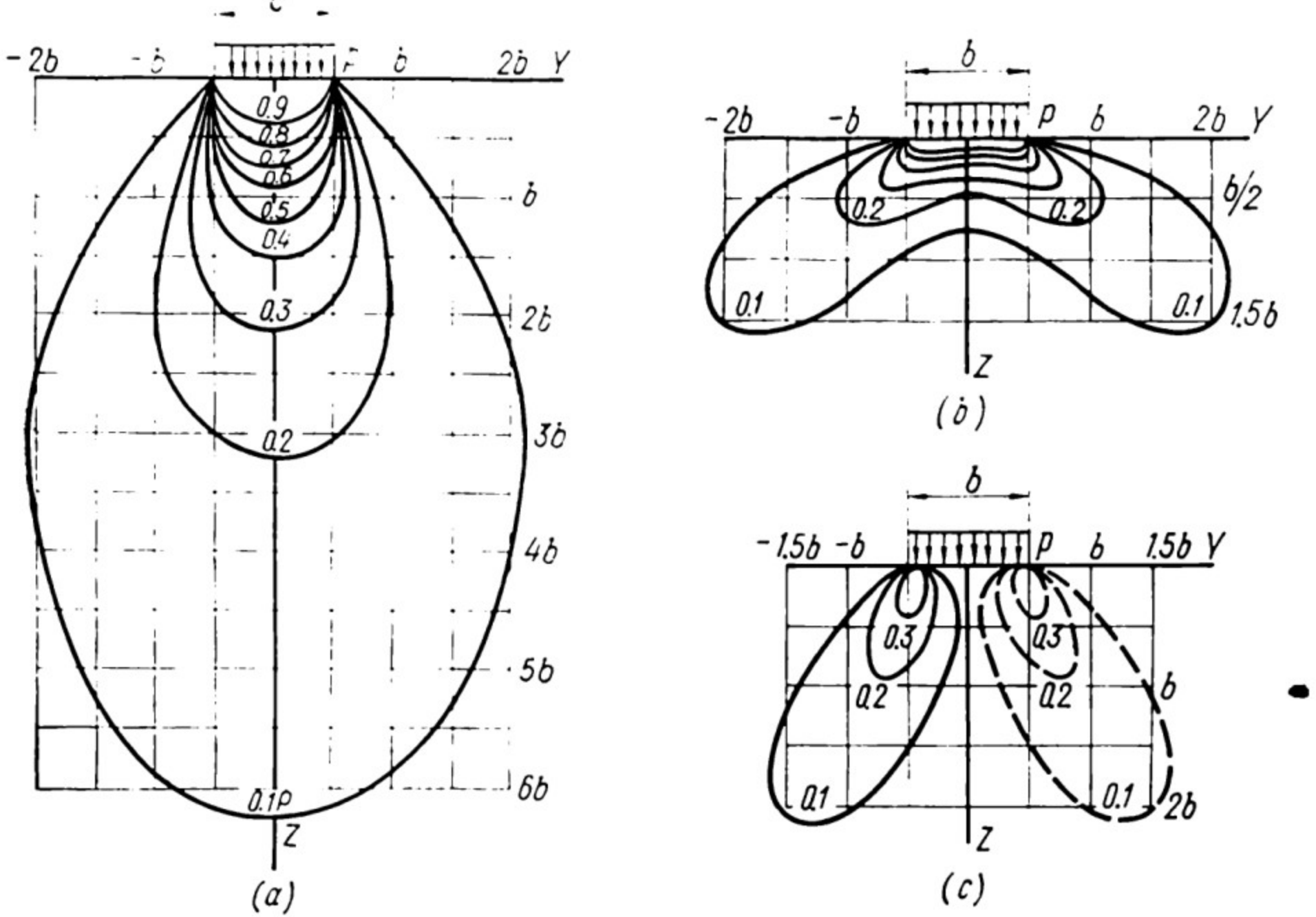
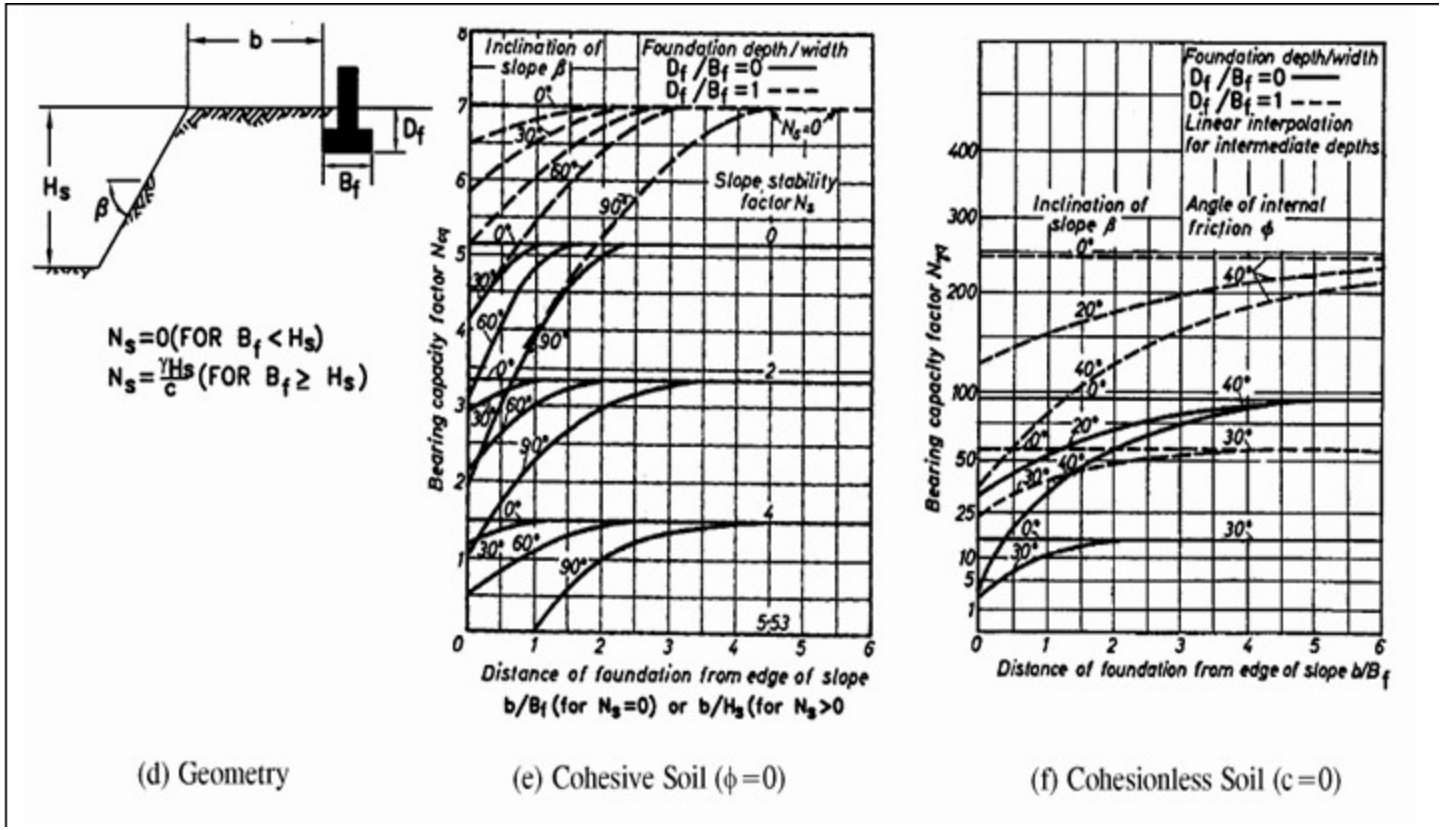


Fig. 49. Lines of equal stresses in a linearly deformable massif for the planar problem

(*a*) isobars σ_z; (*b*) lateral pressure σ_y; (*c*) shears τ_{zx}

Released to Imaging: 6/9/2026 4:08:54 PM



(d) Geometry

(e) Cohesive Soil ($\phi = 0$)

(f) Cohesionless Soil ($c = 0$)

Appendix I
Regulatory Correspondence

From: OCDOnline@state.nm.us
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 417347
Date: Monday, January 6, 2025 1:29:20 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2435536568.

The sampling event is expected to take place:

When: 01/09/2025 @ 07:30
Where: P-36-25S-27E 0 FNL 0 FEL (32.07997,-104.13602)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of US-285 and Whites City Rd (32.061228, -104.065717), head W on Whites City Rd for 4.09 mi, then N for 1.03 mi, then NW for 0.06 mi, then N across the pad for 0.04 mi to arrive at the Cooksey 36 State Com 1H release area (32.079922, -104.135917).

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

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

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

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

From: OCDOnline@state.nm.us
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 417361
Date: Monday, January 6, 2025 1:35:43 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2435536568.

The sampling event is expected to take place:

When: 01/10/2025 @ 07:30
Where: P-36-25S-27E 0 FNL 0 FEL (32.07997,-104.13602)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of US-285 and Whites City Rd (32.061228, -104.065717), head W on Whites City Rd for 4.09 mi, then N for 1.03 mi, then NW for 0.06 mi, then N across the pad for 0.04 mi to arrive at the Cooksey 36 State Com 1H release area (32.079922, -104.135917).

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

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

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

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

From: OCDOnline@state.nm.us
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 417366
Date: Monday, January 6, 2025 1:39:11 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2435536568.

The sampling event is expected to take place:

When: 01/13/2025 @ 07:30
Where: P-36-25S-27E 0 FNL 0 FEL (32.07997,-104.13602)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of US-285 and Whites City Rd (32.061228, -104.065717), head W on Whites City Rd for 4.09 mi, then N for 1.03 mi, then NW for 0.06 mi, then N across the pad for 0.04 mi to arrive at the Cooksey 36 State Com 1H release area (32.079922, -104.135917).

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

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

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

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

From: OCDOnline@state.nm.us
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 417370
Date: Monday, January 6, 2025 1:41:55 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2435536568.

The sampling event is expected to take place:

When: 01/14/2025 @ 07:30
Where: P-36-25S-27E 0 FNL 0 FEL (32.07997,-104.13602)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of US-285 and Whites City Rd (32.061228, -104.065717), head W on Whites City Rd for 4.09 mi, then N for 1.03 mi, then NW for 0.06 mi, then N across the pad for 0.04 mi to arrive at the Cooksey 36 State Com 1H release area (32.079922, -104.135917).

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

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

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

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

From: OCDOnline@state.nm.us
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 417375
Date: Monday, January 6, 2025 1:44:56 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2435536568.

The sampling event is expected to take place:

When: 01/15/2025 @ 07:30
Where: P-36-25S-27E 0 FNL 0 FEL (32.07997,-104.13602)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of US-285 and Whites City Rd (32.061228, -104.065717), head W on Whites City Rd for 4.09 mi, then N for 1.03 mi, then NW for 0.06 mi, then N across the pad for 0.04 mi to arrive at the Cooksey 36 State Com 1H release area (32.079922, -104.135917).

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

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

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

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

From: OCDOnline@state.nm.us
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 417384
Date: Monday, January 6, 2025 1:47:35 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2435536568.

The sampling event is expected to take place:

When: 01/16/2025 @ 07:30
Where: P-36-25S-27E 0 FNL 0 FEL (32.07997,-104.13602)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of US-285 and Whites City Rd (32.061228, -104.065717), head W on Whites City Rd for 4.09 mi, then N for 1.03 mi, then NW for 0.06 mi, then N across the pad for 0.04 mi to arrive at the Cooksey 36 State Com 1H release area (32.079922, -104.135917).

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

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

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

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

From: OCDOnline@state.nm.us
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 417390
Date: Monday, January 6, 2025 1:49:55 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2435536568.

The sampling event is expected to take place:

When: 01/17/2025 @ 07:30
Where: P-36-25S-27E 0 FNL 0 FEL (32.07997,-104.13602)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of US-285 and Whites City Rd (32.061228, -104.065717), head W on Whites City Rd for 4.09 mi, then N for 1.03 mi, then NW for 0.06 mi, then N across the pad for 0.04 mi to arrive at the Cooksey 36 State Com 1H release area (32.079922, -104.135917).

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

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

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

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

From: OCDOnline@state.nm.us<OCDOnline@state.nm.us>
Sent: Monday, March 31, 2025 2:01 PM
To: Connor Walker <cwalker@mewbourne.com>
Subject: [EXT] The Oil Conservation Division (OCD) has rejected the application, Application ID: 440472

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

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2435536568, for the following reasons:

- **Deferral denied.**
- **This site is located in a high karst potential occurrence zone and OCD has recently reevaluated karst potential zones and will not approve deferrals in these areas as high karst may cause an imminent risk to groundwater. The operator may choose to have karst surveys performed, by a BLM approved karst/cave contractor, in order to determine if karst features are present at the site. A desktop survey, aerial/pedestrian survey, AND a geophysical survey must be performed. If no karst features are located during any of the surveys AND the geophysical survey shows no other indications of unstable ground, the closure criteria can be based on Table I Closure criteria found in 19.15.29 NMAC. Sites located on BLM or State Land Office (SLO) owned surface will need surface owner approval.**
- **A certified civil engineer will need to evaluate the soil type and provide the minimum distance the excavation(s) needs to be from the equipment and how deep the excavation(s) can be prior to requesting a deferral. This document must be stamped by the engineer.**
- **After the above are completed, if a deferral is still being requested, horizontal delineation points will need collected to the west of DEF1 and/or south of DEF6 to clearly demarcate deferral area.**
- **Under the Site Characterization portion of the C-141 application the minimum distance to the following need updated with next submittal: any other significant watercourse, any playa lake and a wetland are located ½-1 mile north of location.**
- **Submit updated remediation closure or deferral request to the OCD by 6/30/2025.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 440472.
Please review and make the required correction(s) prior to resubmitting.
If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

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

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

From: OCDOnline@state.nm.us
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 504864
Date: Wednesday, September 10, 2025 1:13:12 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2435536568.

The sampling event is expected to take place:

When: 09/12/2025 @ 07:30
Where: P-36-25S-27E 0 FNL 0 FEL (32.07997,-104.13602)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of US-285 and Whites City Rd (32.061228, -104.065717), head W on Whites City Rd for 4.09 mi, then N for 1.03 mi, then NW for 0.06 mi, then N across the pad for 0.04 mi to arrive at the Cooksey 36 State Com 1H release area (32.079922, -104.135917).

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 confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

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

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

From: OCDOnline@state.nm.us
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 504869
Date: Wednesday, September 10, 2025 1:15:22 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2435536568.

The sampling event is expected to take place:

When: 09/15/2025 @ 07:30
Where: P-36-25S-27E 0 FNL 0 FEL (32.07997,-104.13602)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of US-285 and Whites City Rd (32.061228, -104.065717), head W on Whites City Rd for 4.09 mi, then N for 1.03 mi, then NW for 0.06 mi, then N across the pad for 0.04 mi to arrive at the Cooksey 36 State Com 1H release area (32.079922, -104.135917).

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 confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

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

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

From: OCDOnline@state.nm.us
To: Jeff Broom
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 504873
Date: Wednesday, September 10, 2025 1:18:28 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2435536568.

The sampling event is expected to take place:

When: 09/16/2025 @ 07:30
Where: P-36-25S-27E 0 FNL 0 FEL (32.07997,-104.13602)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of US-285 and Whites City Rd (32.061228, -104.065717), head W on Whites City Rd for 4.09 mi, then N for 1.03 mi, then NW for 0.06 mi, then N across the pad for 0.04 mi to arrive at the Cooksey 36 State Com 1H release area (32.079922, -104.135917).

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 confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

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

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

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Monday, November 17, 2025 11:08 AM
To: Jeff Broom <jbroom@mewbourne.com>
Subject: [EXT] The Oil Conservation Division (OCD) has rejected the application, Application ID: 518559

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2435536568, for the following reasons:

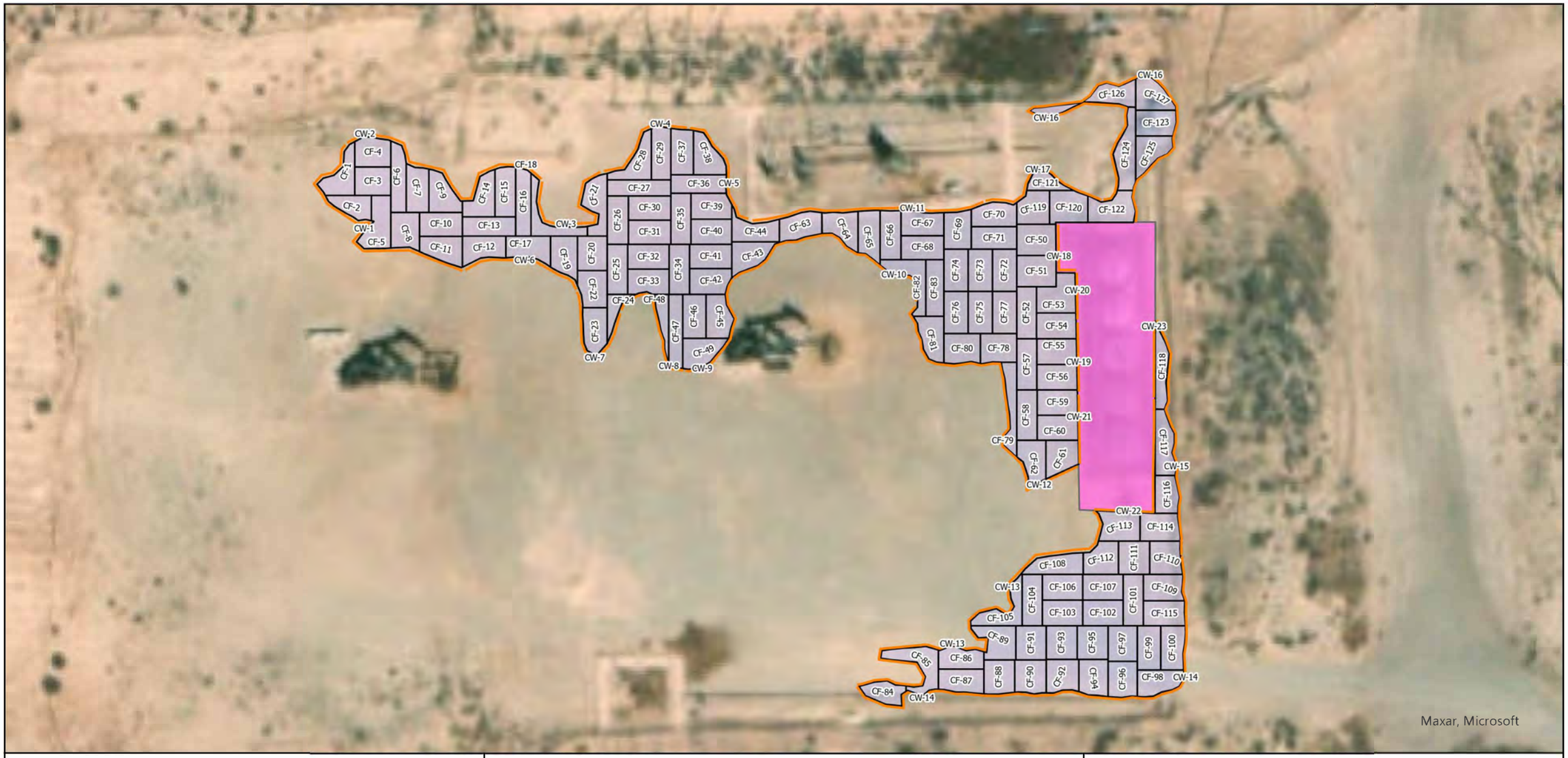
- **Deferral denied for the following reasons:**
- **1) This application has been rejected because the C-141 is incomplete. The submitted application indicates a conflict between the questions answered and the attachments that have been submitted. For example the answer Yes was selected when requesting a remediation closure approval; however, your attachments indicate that your intent is to request a deferral approval. Please review the December 1, 2023 Public Notice titled Implementation of Digital C-141 and New Incident Statuses found on the EMNRD website. Review your C-141 submission and submit a new C-141 answering the appropriate questions for your circumstance.**
- **2) In the C-141 application under Site Characterization, to the question, What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs), was answered, Between 26 and 50 (ft.). Referring to the OCD Oil and Gas map, there are no water wells within a mile of release. As contaminants were found at DEF 2 through 16 depth, a depth to groundwater boring will need to be drilled to determine the exact depth to groundwater at this location.**
- **3) The deferral area still requires horizontal delineation as both of the newly requested delineation samples, DEF 7 and DEF 8, resulted in samples exceeding the Closure Criteria. These areas need to be included in the deferral area in the Figure 3 attached and horizontal delineation still needs achieved before a deferral can be approved.**
- **4) Data for the following delineation samples NH 1, WH 1, EH 1 and SH1 shown on Figure 3 should be included. This includes laboratory reports.**
- **Submit updated report to OCD by 1/16/26.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 518559.
Please review and make the required correction(s) prior to resubmitting.
If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

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

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

Appendix J
Remediation Map - nAPP2305359369



Legend:

- Remediation Walls
- Remediation Floors
- Excavation Area
- Existing Infrastructure

Remediation Map
Mewbourne Oil Co.
Cooksey 36 PA ST COM #1H
Eddy County, New Mexico
32.079911, -104.135938
NMOCD Reference # NAPP2305359369

0 45 90 180 Feet

N

TRINITY OILFIELD SERVICES

From: Ben Arguijo
To: Wells, Shelly, EMNRD
Cc: Lance Crenshaw
Subject: [EXTERNAL] RE: nAPP2435536568 COOKSEY 36 ST COM #1H BATTERY Question
Date: Tuesday, June 9, 2026 2:24:59 PM
Attachments: image001.png
Cooksey - Figure 3 - Sample Location Map.pdf
H247809 ETECH.pdf
H250091 ETECH.pdf

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

Shelly,

Yes, they are the same locations. Out of habit, I had used our standard sample nomenclature (i.e., '*x*H 1') for those four locations in Figure 3 instead of the names listed on the COC/lab report and in Table 1. A updated "Sample Location Map" with corrected sample point labels is attached.

I've also attached the missing lab report and a related one that was also inadvertently left out of the Deferral Request. I had two separate pdfs with supporting documentation (i.e., one pdf for the previous deferral report and one for this most recent one) in similarly named subfolders, and I apparently selected the wrong folder/file when compiling the final pdf. I apologize for any confusion.

Please let me know if you have any more questions or need any additional information.

Thanks.

Ben

Ben J. Arguijo
Project Manager

eTECH Environmental & Safety Solutions, Inc.
6309 Indiana Ave., Ste. D
Lubbock, TX 79413
(432) 813-1592

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Tuesday, June 9, 2026 11:34 AM
To: Ben Arguijo <bena@etechenv.com>
Subject: nAPP2435536568 COOKSEY 36 ST COM #1H BATTERY Question

Hi Ben,

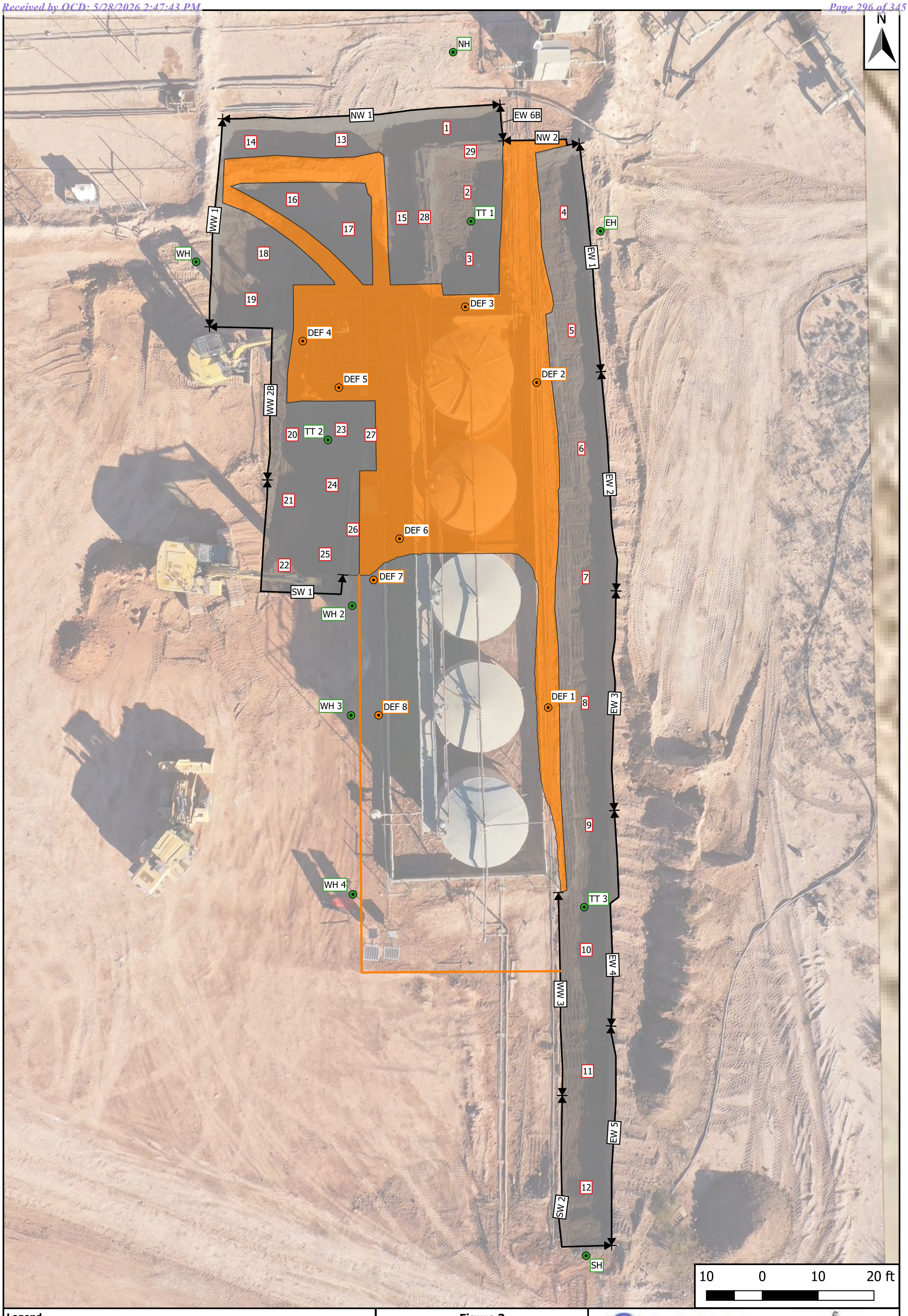
I am reviewing the deferral report submitted for nAPP2435536568 COOKSEY 36 ST COM #1H BATTERY and have questions for you regarding it. The first is that you have listed on Table I at the top of the table NH, EH, SH and WH. Are these the same locations listed as NH 1, EH 1, SH 1 and WH 1 on Figure 3?

Can you please email over the lab report for these samples as was previously requested in the 11/17/25 denial?

Kind regards,

Shelly

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



Legend

- Deferral Area (~2,564 ft²)
- Excavated Area (~3,888 ft²)
- Previously Deferred Area (Inferred)
- Composite Floor Sample
- Composite Wall Sample
- Delineation Sample Point
- Deferral Characterization Sample Point

Figure 3
Sample Location Map
Mewbourne Oil Company
Cooksey 36 St Com #1H Battery
GPS: 32.07997, -104.13602
Eddy County, New Mexico

eTECH Environmental & Safety Solutions, Inc.

Drafted: bja | Checked: rlc | Date: 6/9/26

CARDINAL Laboratories

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

January 07, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: COOKSEY 36 STATE COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 12/31/24 14:49.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: EH @ SUR (H247809-01)

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	12/31/2024	ND	2.27	114	2.00	2.85	
Toluene*	<0.050	0.050	12/31/2024	ND	2.36	118	2.00	3.36	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.42	121	2.00	3.44	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	7.49	125	6.00	2.89	
Total BTEX	<0.300	0.300	12/31/2024	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	**224**	16.0	01/02/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2024	ND	228	114	200	5.82	
DRO >C10-C28*	<10.0	10.0	12/31/2024	ND	225	112	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/31/2024	ND					

Surrogate: 1-Chlorooctane *82.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *76.8 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: EH @ 1' (H247809-02)

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	12/31/2024	ND	2.27	114	2.00	2.85	
Toluene*	<0.050	0.050	12/31/2024	ND	2.36	118	2.00	3.36	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.42	121	2.00	3.44	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	7.49	125	6.00	2.89	
Total BTEX	<0.300	0.300	12/31/2024	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	**288**	16.0	01/02/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2024	ND	228	114	200	5.82	
DRO >C10-C28*	<10.0	10.0	12/31/2024	ND	225	112	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/31/2024	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.3 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: WH @ SUR (H247809-03)

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	12/31/2024	ND	2.27	114	2.00	2.85	
Toluene*	<0.050	0.050	12/31/2024	ND	2.36	118	2.00	3.36	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.42	121	2.00	3.44	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	7.49	125	6.00	2.89	
Total BTEX	<0.300	0.300	12/31/2024	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	**432**	16.0	01/02/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2024	ND	228	114	200	5.82	
DRO >C10-C28*	<10.0	10.0	12/31/2024	ND	225	112	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/31/2024	ND					

Surrogate: 1-Chlorooctane *90.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.7 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: WH @ 1' (H247809-04)

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	12/31/2024	ND	2.27	114	2.00	2.85	
Toluene*	<0.050	0.050	12/31/2024	ND	2.36	118	2.00	3.36	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.42	121	2.00	3.44	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	7.49	125	6.00	2.89	
Total BTEX	<0.300	0.300	12/31/2024	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	**368**	16.0	01/02/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2024	ND	228	114	200	5.82	
DRO >C10-C28*	**13.1**	10.0	12/31/2024	ND	225	112	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/31/2024	ND					

Surrogate: 1-Chlorooctane *95.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.7 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: SH @ SUR (H247809-05)

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	12/31/2024	ND	2.27	114	2.00	2.85	
Toluene*	<0.050	0.050	12/31/2024	ND	2.36	118	2.00	3.36	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.42	121	2.00	3.44	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	7.49	125	6.00	2.89	
Total BTEX	<0.300	0.300	12/31/2024	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	**400**	16.0	01/02/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2024	ND	228	114	200	5.82	
DRO >C10-C28*	<10.0	10.0	12/31/2024	ND	225	112	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/31/2024	ND					

Surrogate: 1-Chlorooctane *92.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.8 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: SH @ 1' (H247809-06)

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	12/31/2024	ND	2.27	114	2.00	2.85	
Toluene*	<0.050	0.050	12/31/2024	ND	2.36	118	2.00	3.36	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.42	121	2.00	3.44	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	7.49	125	6.00	2.89	
Total BTEX	<0.300	0.300	12/31/2024	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	**272**	16.0	01/02/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2024	ND	228	114	200	5.82	
DRO >C10-C28*	<10.0	10.0	12/31/2024	ND	225	112	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/31/2024	ND					

Surrogate: 1-Chlorooctane *95.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.8 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: NH @ SUR (H247809-07)

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	12/31/2024	ND	2.27	114	2.00	2.85	
Toluene*	<0.050	0.050	12/31/2024	ND	2.36	118	2.00	3.36	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.42	121	2.00	3.44	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	7.49	125	6.00	2.89	
Total BTEX	<0.300	0.300	12/31/2024	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	**400**	16.0	01/02/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2024	ND	228	114	200	5.82	
DRO >C10-C28*	<10.0	10.0	12/31/2024	ND	225	112	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/31/2024	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: NH @ 1' (H247809-08)

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	12/31/2024	ND	2.27	114	2.00	2.85	
Toluene*	<0.050	0.050	12/31/2024	ND	2.36	118	2.00	3.36	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.42	121	2.00	3.44	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	7.49	125	6.00	2.89	
Total BTEX	<0.300	0.300	12/31/2024	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	**336**	16.0	01/02/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2024	ND	228	114	200	5.82	
DRO >C10-C28*	<10.0	10.0	12/31/2024	ND	225	112	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/31/2024	ND					

Surrogate: 1-Chlorooctane *90.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.0 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: TT 1 @ SUR (H247809-09)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2024	ND	2.27	114	2.00	2.85	
Toluene*	**0.115**	0.050	12/31/2024	ND	2.36	118	2.00	3.36	
Ethylbenzene*	**0.204**	0.050	12/31/2024	ND	2.42	121	2.00	3.44	
Total Xylenes*	**2.19**	0.150	12/31/2024	ND	7.49	125	6.00	2.89	
Total BTEX	**2.51**	0.300	12/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *136 %* *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	**21600**	16.0	01/02/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**169**	50.0	01/01/2025	ND	228	114	200	5.82	
DRO >C10-C28*	**14300**	50.0	01/01/2025	ND	225	112	200	5.52	
EXT DRO >C28-C36	**4000**	50.0	01/01/2025	ND					

Surrogate: 1-Chlorooctane *168 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *360 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: TT 1 @ 1' (H247809-10)

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	12/31/2024	ND	2.27	114	2.00	2.85	
Toluene*	<0.050	0.050	12/31/2024	ND	2.36	118	2.00	3.36	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.42	121	2.00	3.44	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	7.49	125	6.00	2.89	
Total BTEX	<0.300	0.300	12/31/2024	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	**1490**	16.0	01/02/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2024	ND	228	114	200	5.82	
DRO >C10-C28*	<10.0	10.0	12/31/2024	ND	225	112	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/31/2024	ND					

Surrogate: 1-Chlorooctane *119 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *115 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: TT 1 @ 2' (H247809-11)

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	12/31/2024	ND	2.08	104	2.00	6.01	
Toluene*	<0.050	0.050	12/31/2024	ND	2.19	110	2.00	5.51	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.11	105	2.00	5.23	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	6.18	103	6.00	5.51	
Total BTEX	<0.300	0.300	12/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.1 %* *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	**1920**	16.0	01/02/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2024	ND	228	114	200	5.82	
DRO >C10-C28*	<10.0	10.0	12/31/2024	ND	225	112	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/31/2024	ND					

Surrogate: 1-Chlorooctane *90.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.1 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: TT 1 @ 3' (H247809-12)

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	12/31/2024	ND	2.08	104	2.00	6.01	
Toluene*	<0.050	0.050	12/31/2024	ND	2.19	110	2.00	5.51	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.11	105	2.00	5.23	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	6.18	103	6.00	5.51	
Total BTEX	<0.300	0.300	12/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.6 %* *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	**1970**	16.0	01/02/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2024	ND	228	114	200	5.82	
DRO >C10-C28*	<10.0	10.0	12/31/2024	ND	225	112	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	12/31/2024	ND					

Surrogate: 1-Chlorooctane *86.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.1 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: TT 1 @ 4' (H247809-13)

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	12/31/2024	ND	2.08	104	2.00	6.01	
Toluene*	<0.050	0.050	12/31/2024	ND	2.19	110	2.00	5.51	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.11	105	2.00	5.23	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	6.18	103	6.00	5.51	
Total BTEX	<0.300	0.300	12/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.5 %* *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	**4440**	16.0	01/02/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/01/2025	ND	228	114	200	5.82	
DRO >C10-C28*	<10.0	10.0	01/01/2025	ND	225	112	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	01/01/2025	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.0 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: TT 1 @ 6' (H247809-14)

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	12/31/2024	ND	2.08	104	2.00	6.01	
Toluene*	<0.050	0.050	12/31/2024	ND	2.19	110	2.00	5.51	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.11	105	2.00	5.23	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	6.18	103	6.00	5.51	
Total BTEX	<0.300	0.300	12/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.3 %* *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	**6480**	16.0	01/02/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/01/2025	ND	228	114	200	5.82	
DRO >C10-C28*	<10.0	10.0	01/01/2025	ND	225	112	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	01/01/2025	ND					

Surrogate: 1-Chlorooctane *87.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.1 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: TT 1 @ 8' (H247809-15)

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	12/31/2024	ND	2.08	104	2.00	6.01	
Toluene*	<0.050	0.050	12/31/2024	ND	2.19	110	2.00	5.51	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.11	105	2.00	5.23	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	6.18	103	6.00	5.51	
Total BTEX	<0.300	0.300	12/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**5680**	16.0	01/02/2025	ND	432	108	400	3.77	QM-07

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/01/2025	ND	228	114	200	5.82	
DRO >C10-C28*	<10.0	10.0	01/01/2025	ND	225	112	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	01/01/2025	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: TT 1 @ 10' (H247809-16)

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	12/31/2024	ND	2.08	104	2.00	6.01	
Toluene*	<0.050	0.050	12/31/2024	ND	2.19	110	2.00	5.51	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.11	105	2.00	5.23	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	6.18	103	6.00	5.51	
Total BTEX	<0.300	0.300	12/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4720**	16.0	01/02/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/02/2025	ND	185	92.3	200	0.601	
DRO >C10-C28*	<10.0	10.0	01/02/2025	ND	182	90.8	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	01/02/2025	ND					

Surrogate: 1-Chlorooctane *87.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.7 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: TT 1 @ 12' (H247809-17)

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	12/31/2024	ND	2.08	104	2.00	6.01	
Toluene*	<0.050	0.050	12/31/2024	ND	2.19	110	2.00	5.51	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.11	105	2.00	5.23	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	6.18	103	6.00	5.51	
Total BTEX	<0.300	0.300	12/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.8 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4480**	16.0	01/02/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/02/2025	ND	185	92.3	200	0.601	
DRO >C10-C28*	<10.0	10.0	01/02/2025	ND	182	90.8	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	01/02/2025	ND					

Surrogate: 1-Chlorooctane *94.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.6 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: TT 1 @ 13' (H247809-18)

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	12/31/2024	ND	2.08	104	2.00	6.01	
Toluene*	<0.050	0.050	12/31/2024	ND	2.19	110	2.00	5.51	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.11	105	2.00	5.23	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	6.18	103	6.00	5.51	
Total BTEX	<0.300	0.300	12/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.1 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1150**	16.0	01/02/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/02/2025	ND	185	92.3	200	0.601	
DRO >C10-C28*	<10.0	10.0	01/02/2025	ND	182	90.8	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	01/02/2025	ND					

Surrogate: 1-Chlorooctane *95.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.3 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: TT 2 @ SUR (H247809-19)

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	12/31/2024	ND	2.08	104	2.00	6.01	
Toluene*	**0.057**	0.050	12/31/2024	ND	2.19	110	2.00	5.51	
Ethylbenzene*	**0.069**	0.050	12/31/2024	ND	2.11	105	2.00	5.23	
Total Xylenes*	**0.656**	0.150	12/31/2024	ND	6.18	103	6.00	5.51	
Total BTEX	**0.783**	0.300	12/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**6320**	16.0	01/02/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**38.7**	10.0	01/02/2025	ND	185	92.3	200	0.601	
DRO >C10-C28*	**6670**	10.0	01/02/2025	ND	182	90.8	200	4.56	
EXT DRO >C28-C36	**1270**	10.0	01/02/2025	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *144 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: TT 2 @ 1' (H247809-20)

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	12/31/2024	ND	2.08	104	2.00	6.01	
Toluene*	<0.050	0.050	12/31/2024	ND	2.19	110	2.00	5.51	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.11	105	2.00	5.23	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	6.18	103	6.00	5.51	
Total BTEX	<0.300	0.300	12/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1420**	16.0	01/02/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/02/2025	ND	185	92.3	200	0.601	
DRO >C10-C28*	<10.0	10.0	01/02/2025	ND	182	90.8	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	01/02/2025	ND					

Surrogate: 1-Chlorooctane *87.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.4 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: TT 2 @ 3' (H247809-21)

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	12/31/2024	ND	2.08	104	2.00	6.01	
Toluene*	<0.050	0.050	12/31/2024	ND	2.19	110	2.00	5.51	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.11	105	2.00	5.23	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	6.18	103	6.00	5.51	
Total BTEX	<0.300	0.300	12/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**496**	16.0	01/02/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/02/2025	ND	185	92.3	200	0.601	
DRO >C10-C28*	<10.0	10.0	01/02/2025	ND	182	90.8	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	01/02/2025	ND					

Surrogate: 1-Chlorooctane *94.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.8 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: TT 2 @ 3' (H247809-22)

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	12/31/2024	ND	2.08	104	2.00	6.01	
Toluene*	<0.050	0.050	12/31/2024	ND	2.19	110	2.00	5.51	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.11	105	2.00	5.23	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	6.18	103	6.00	5.51	
Total BTEX	<0.300	0.300	12/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	01/02/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/02/2025	ND	185	92.3	200	0.601	
DRO >C10-C28*	<10.0	10.0	01/02/2025	ND	182	90.8	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	01/02/2025	ND					

Surrogate: 1-Chlorooctane *93.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.6 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: TT 3 @ SUR (H247809-23)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**0.436**	0.050	12/31/2024	ND	2.08	104	2.00	6.01	
Toluene*	**2.26**	0.050	12/31/2024	ND	2.19	110	2.00	5.51	
Ethylbenzene*	**0.802**	0.050	12/31/2024	ND	2.11	105	2.00	5.23	
Total Xylenes*	**5.24**	0.150	12/31/2024	ND	6.18	103	6.00	5.51	
Total BTEX	**8.74**	0.300	12/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *130 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**40800**	16.0	01/02/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**59.3**	10.0	01/02/2025	ND	185	92.3	200	0.601	
DRO >C10-C28*	**2980**	10.0	01/02/2025	ND	182	90.8	200	4.56	
EXT DRO >C28-C36	**666**	10.0	01/02/2025	ND					

Surrogate: 1-Chlorooctane *108 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *124 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: TT 3 @ 1' (H247809-24)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2024	ND	2.08	104	2.00	6.01	
Toluene*	<0.050	0.050	12/31/2024	ND	2.19	110	2.00	5.51	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.11	105	2.00	5.23	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	6.18	103	6.00	5.51	
Total BTEX	<0.300	0.300	12/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.1 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**7280**	16.0	01/02/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/02/2025	ND	185	92.3	200	0.601	
DRO >C10-C28*	<10.0	10.0	01/02/2025	ND	182	90.8	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	01/02/2025	ND					

Surrogate: 1-Chlorooctane *98.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: TT 3 @ 2' (H247809-25)

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	01/01/2025	ND	2.08	104	2.00	6.01	
Toluene*	<0.050	0.050	01/01/2025	ND	2.19	110	2.00	5.51	
Ethylbenzene*	<0.050	0.050	01/01/2025	ND	2.11	105	2.00	5.23	
Total Xylenes*	<0.150	0.150	01/01/2025	ND	6.18	103	6.00	5.51	
Total BTEX	<0.300	0.300	01/01/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**7680**	16.0	01/02/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/02/2025	ND	185	92.3	200	0.601	
DRO >C10-C28*	<10.0	10.0	01/02/2025	ND	182	90.8	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	01/02/2025	ND					

Surrogate: 1-Chlorooctane *92.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.8 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: TT 3 @ 3' (H247809-26)

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	01/01/2025	ND	2.08	104	2.00	6.01	
Toluene*	<0.050	0.050	01/01/2025	ND	2.19	110	2.00	5.51	
Ethylbenzene*	<0.050	0.050	01/01/2025	ND	2.11	105	2.00	5.23	
Total Xylenes*	<0.150	0.150	01/01/2025	ND	6.18	103	6.00	5.51	
Total BTEX	<0.300	0.300	01/01/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**10200**	16.0	01/02/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/02/2025	ND	185	92.3	200	0.601	
DRO >C10-C28*	**12.0**	10.0	01/02/2025	ND	182	90.8	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	01/02/2025	ND					

Surrogate: 1-Chlorooctane *83.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.6 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: TT 3 @ 4' (H247809-27)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/01/2025	ND	2.08	104	2.00	6.01	
Toluene*	<0.050	0.050	01/01/2025	ND	2.19	110	2.00	5.51	
Ethylbenzene*	<0.050	0.050	01/01/2025	ND	2.11	105	2.00	5.23	
Total Xylenes*	<0.150	0.150	01/01/2025	ND	6.18	103	6.00	5.51	
Total BTEX	<0.300	0.300	01/01/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**7120**	16.0	01/02/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/02/2025	ND	185	92.3	200	0.601	
DRO >C10-C28*	<10.0	10.0	01/02/2025	ND	182	90.8	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	01/02/2025	ND					

Surrogate: 1-Chlorooctane *87.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.3 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: TT 3 @ 6' (H247809-28)

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	01/01/2025	ND	2.08	104	2.00	6.01	
Toluene*	<0.050	0.050	01/01/2025	ND	2.19	110	2.00	5.51	
Ethylbenzene*	<0.050	0.050	01/01/2025	ND	2.11	105	2.00	5.23	
Total Xylenes*	<0.150	0.150	01/01/2025	ND	6.18	103	6.00	5.51	
Total BTEX	<0.300	0.300	01/01/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.7 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**6960**	16.0	01/02/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/02/2025	ND	185	92.3	200	0.601	
DRO >C10-C28*	<10.0	10.0	01/02/2025	ND	182	90.8	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	01/02/2025	ND					

Surrogate: 1-Chlorooctane *89.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.1 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: TT 3 @ 8' (H247809-29)

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	01/01/2025	ND	2.08	104	2.00	6.01	
Toluene*	<0.050	0.050	01/01/2025	ND	2.19	110	2.00	5.51	
Ethylbenzene*	<0.050	0.050	01/01/2025	ND	2.11	105	2.00	5.23	
Total Xylenes*	<0.150	0.150	01/01/2025	ND	6.18	103	6.00	5.51	
Total BTEX	<0.300	0.300	01/01/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.2 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2400**	16.0	01/02/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/02/2025	ND	185	92.3	200	0.601	
DRO >C10-C28*	<10.0	10.0	01/02/2025	ND	182	90.8	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	01/02/2025	ND					

Surrogate: 1-Chlorooctane *92.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.3 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: TT 3 @ 10' (H247809-30)

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	01/01/2025	ND	2.08	104	2.00	6.01	
Toluene*	<0.050	0.050	01/01/2025	ND	2.19	110	2.00	5.51	
Ethylbenzene*	<0.050	0.050	01/01/2025	ND	2.11	105	2.00	5.23	
Total Xylenes*	<0.150	0.150	01/01/2025	ND	6.18	103	6.00	5.51	
Total BTEX	<0.300	0.300	01/01/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2440**	16.0	01/02/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/02/2025	ND	185	92.4	200	1.99	
DRO >C10-C28*	<10.0	10.0	01/02/2025	ND	176	88.1	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	01/02/2025	ND					

Surrogate: 1-Chlorooctane *116 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: TT 3 @ 12' (H247809-31)

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	12/31/2024	ND	1.86	93.0	2.00	2.06	
Toluene*	<0.050	0.050	12/31/2024	ND	1.98	98.9	2.00	0.0927	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.12	106	2.00	1.20	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	6.41	107	6.00	0.440	
Total BTEX	<0.300	0.300	12/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**576**	16.0	01/02/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/02/2025	ND	185	92.4	200	1.99	
DRO >C10-C28*	<10.0	10.0	01/02/2025	ND	176	88.1	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	01/02/2025	ND					

Surrogate: 1-Chlorooctane *114 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/31/2024	Sampling Date:	12/31/2024
Reported:	01/07/2025	Sampling Type:	Soil
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: TT 3 @ 13' (H247809-32)

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	12/31/2024	ND	1.86	93.0	2.00	2.06	
Toluene*	<0.050	0.050	12/31/2024	ND	1.98	98.9	2.00	0.0927	
Ethylbenzene*	<0.050	0.050	12/31/2024	ND	2.12	106	2.00	1.20	
Total Xylenes*	<0.150	0.150	12/31/2024	ND	6.41	107	6.00	0.440	
Total BTEX	<0.300	0.300	12/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	01/02/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/02/2025	ND	185	92.4	200	1.99	
DRO >C10-C28*	<10.0	10.0	01/02/2025	ND	176	88.1	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	01/02/2025	ND					

Surrogate: 1-Chlorooctane *116 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-05	The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	Etech Environmental	**BILL TO**	
Project Manager:	Lance Crenshaw	**P.O. #:**	
Address:	2617 W Marland Blvd	**Company:**	Mewbourne
City:	Hobbs **State:** NM **Zip:** 88240	**Attn:**	
Phone #:	(575) 264-9884 **Fax #:**	**Address:**	
Project #:	21572 **Project Owner:** Mewbourne Oil Company	**City:**	
Project Name:	Cooksey 36 State Com 1H	**State:** **Zip:**	
Project Location:	GPS:(32.079922, -104.135917)	**Phone #:**	
Sampler Name:	Robbie Runnels	**Fax #:**	

FOR LAB USE ONLY				MATRIX							PRESERV.			SAMPLING		ANALYSIS REQUEST											
Lab I.D.	**Sample I.D.**	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH	BTEX 8021										
H247809																											
1	EH @ Sur	G	1			x					x		12/31/24	7:00	x	x	x										
2	EH @ 1'	G	1			x					x		12/31/24	7:05	x	x	x										
3	WH @ Sur	G	1			x					x		12/31/24	7:10	x	x	x										
4	WH @ 1'	G	1			x					x		12/31/24	7:15	x	x	x										
5	SH @ SUR	G	1			x					x		12/31/24	7:20	x	x	x										
6	SH @ 1'	G	1			x					x		12/31/24	7:25	x	x	x										
7	NH @ Sur	G	1			x					x		12/31/24	7:30	x	x	x										
8	NH @ 1'	G	1			x					x		12/31/24	7:35	x	x	x										
9	TT1 @ Sur	G	1			x					x		12/31/24	7:40	x	x	x										
10	TT1 @ 1'	G	1			x					x		12/31/24	7:45	x	x	x										

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

Relinquished By:	**Date:** 12-31-24	**Received By:**	Phone Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1449		Fax Result: ☐ Yes ☐ No Add'l Fax #:
Relinquished By:	**Date:**	**Received By:**	**REMARKS:** Email copy of COC and results to: PM@etechenv.com
	Time:		

Delivered By: (Circle One) 2-9-2 / C-O-C
Sampler - UPS - Bus - Other: 23-2 #140

Sample Condition Cool: ☐ Yes ☐ No Intact: ☑ Yes ☐ No

CHECKED BY: (Initials) KD

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

FORM-006 R 2.0

Received by OCD: 5/28/2026 2:47:43 PM

Released to Imaging: 6/9/2026 4:08:54 PM

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental			**BILL TO**	
Project Manager:	Lance Crenshaw			**P.O. #:**	
Address:	2617 W Marland Blvd			**Company:**	Mewbourne
City:	Hobbs	**State:** NM	**Zip:** 88240	**Attn:**	
Phone #:	(575) 264-9884	**Fax #:**		**Address:**	
Project #:	21572	**Project Owner:**	Mewbourne Oil Company	**City:**	
Project Name:	Cooksey 36 State Com 1H			**State:**	**Zip:**
Project Location:	GPS:(32.079922, -104.135917)			**Phone #:**	
Sampler Name:	Robbie Runnels			**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST										
Lab I.D.	**Sample I.D.**	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH	BTEX 8021									
H247809																									
11	TT1 @ 2'	G	1			x					x		12/31/24	7:50	x	x	x								
12	TT1 @ 3'	G	1			x					x		12/31/24	7:55	x	x	x								
13	TT1 @ 4'	G	1			x					x		12/31/24	8:00	x	x	x								
14	TT1 @ 6'	G	1			x					x		12/31/24	8:05	x	x	x								
15	TT1 @ 8'	G	1			x					x		12/31/24	8:10	x	x	x								
16	TT1 @ 10'	G	1			x					x		12/31/24	8:15	x	x	x								
17	TT1 @ 12'	G	1			x					x		12/31/24	8:20	x	x	x								
18	TT1 @ 13'	G	1			x					x		12/31/24	8:25	x	x	x								
19	TT2 @ Sur	G	1			x					x		12/31/24	8:30	x	x	x								
20	TT2 @ 1'	G	1			x					x		12/31/24	8:35	x	x	x								

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

Relinquished By:	**Date:** 12.31.24	**Received By:**	
	Time: 1449		
Relinquished By:	**Date:**	**Received By:**	
	Time:		

Delivered By: (Circle One) 2.9c / C-0.6c
Sampler - UPS - Bus - Other: 2.3c / #140

Sample Condition		CHECKED BY:
Cool	Intact	(Initials)
☑ Yes	☐ Yes	AA
☐ No	☐ No	

Phone Result:	☐ Yes	☐ No	**Add'l Phone #:**
Fax Result:	☐ Yes	☐ No	**Add'l Fax #:**

REMARKS: Email copy of COC and results to: PM@etechenv.com

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

FORM-006 R 2.0

Received by OCD: 5/28/2026 2:47:43 PM

Released to Imaging: 6/9/2026 4:08:54 PM

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental			**BILL TO**	
Project Manager:	Lance Crenshaw			**P.O. #:**	
Address:	2617 W Marland Blvd			**Company:**	Mewbourne
City:	Hobbs	**State:** NM	**Zip:** 88240	**Attn:**	
Phone #:	(575) 264-9884	**Fax #:**		**Address:**	
Project #:	21572	**Project Owner:**	Mewbourne Oil Company	**City:**	
Project Name:	Cooksey 36 State Com 1H			**State:**	**Zip:**
Project Location:	GPS:(32.079922, -104.135917)			**Phone #:**	
Sampler Name:	Robbie Runnels			**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST										
Lab I.D. 1124-7809	**Sample I.D.**	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH	BTEX 8021									
21	TT2 @ 2'	G	1			x					x		12/31/24	8:40	x	x	x								
22	TT2 @ 3'	G	1			x					x		12/31/24	8:45	x	x	x								
23	TT3 @ Sur'	G	1			x					x		12/31/24	8:50	x	x	x								
24	TT3 @ 1'	G	1			x					x		12/31/24	8:55	x	x	x								
25	TT3 @ 2'	G	1			x					x		12/31/24	9:00	x	x	x								
26	TT3 @ 3'	G	1			x					x		12/31/24	9:05	x	x	x								
27	TT3 @ 4'	G	1			x					x		12/31/24	9:10	x	x	x								
28	TT3 @ 6'	G	1			x					x		12/31/24	9:15	x	x	x								
29	TT3 @ 8'	G	1			x					x		12/31/24	9:20	x	x	x								
30	TT3 @ 10'	G	1			x					x		12/31/24	9:25	x	x	x								

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

Relinquished By:	**Date:** 12.31.24	**Received By:**	
	Time: 1449		
Relinquished By:	**Date:**	**Received By:**	
	Time:		

Phone Result:	☐ Yes	☐ No	**Add'l Phone #:**
Fax Result:	☐ Yes	☐ No	**Add'l Fax #:**

REMARKS: Email copy of COC and results to: PM@etechenv.com

Delivered By: (Circle One) Sampler - UPS - Bus - Other: 2.9c / IC-0.6c - 2.3c / #140

Sample Condition		CHECKED BY: (Initials)
Cool	Intact	
☑ Yes	☑ Yes	AP
☐ No	☐ No	

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

FORM-006 R 2.0

Received by OCD: 5/28/2026 2:47:43 PM

Released to Imaging: 6/9/2026 4:08:54 PM

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental			**BILL TO**	
Project Manager:	Lance Crenshaw			**P.O. #:**	
Address:	2617 W Marland Blvd			**Company:**	Mewbourne
City:	Hobbs	**State:** NM	**Zip:** 88240	**Attn:**	
Phone #:	(575) 264-9884	**Fax #:**		**Address:**	
Project #:	21572	**Project Owner:**	Mewbourne Oil Company	**City:**	
Project Name:	Cooksey 36 State Com 1H			**State:**	**Zip:**
Project Location:	GPS:(32.079922, -104.135917)			**Phone #:**	
Sampler Name:	Robbie Runnels			**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST										
Lab I.D.	**Sample I.D.**	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH	BTEX 8021								
H247809																									
31	TT3 @ 12'	G	1			x					x		12/31/24	9:30	x	x	x								
32	TT3 @ 13'	G	1			x					x		12/31/24	9:35	x	x	x								

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

Relinquished By:	**Date:** 12/31/24	**Received By:**	
	Time: 1949		
Relinquished By:	**Date:**	**Received By:**	
	Time:		

Delivered By: (Circle One)	**Sample Condition**	**CHECKED BY:**	**Phone Result:** ☐ Yes ☐ No **Add'l Phone #:**
Sampler - UPS - Bus - Other: 2.9c / C-0.6c 2.3c / #140	**Cool** ☑ Yes ☐ No **Intact** ☑ Yes ☐ No	**(Initials)** KA	**Fax Result:** ☐ Yes ☐ No **Add'l Fax #:**

REMARKS: Email copy of COC and results to: PM@etechenv.com

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

FORM-006 R 2.0

Received by OCD: 5/28/2026 2:47:43 PM

Released to Imaging: 6/9/2026 4:08:54 PM

CARDINAL Laboratories

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

January 14, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: COOKSEY 36 STATE COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 01/08/25 15:04.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/08/2025	Sampling Date:	01/07/2025
Reported:	01/14/2025	Sampling Type:	Solid
Project Name:	COOKSEY 36 STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	21572	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.079922-104.135917		

Sample ID: TT 1 @ 14' (H250091-01)

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	01/10/2025	ND	1.79	89.6	2.00	12.8	
Toluene*	<0.050	0.050	01/10/2025	ND	1.94	96.8	2.00	14.5	
Ethylbenzene*	<0.050	0.050	01/10/2025	ND	1.89	94.3	2.00	14.5	
Total Xylenes*	<0.150	0.150	01/10/2025	ND	5.55	92.5	6.00	15.1	
Total BTEX	<0.300	0.300	01/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	01/09/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/10/2025	ND	175	87.3	200	0.535	
DRO >C10-C28*	<10.0	10.0	01/10/2025	ND	173	86.6	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *106 %* *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.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	Etech Environmental & Safety Solutions, Inc.		**BILL TO**		
Project Manager:	Lance Crenshaw		**P.O. #:**		
Address:	2617 West Marland		**Company:**	Mewbourne	
City:	Hobbs	**State:** NM **Zip:** 88240	**Attn:**	Connor Walker	
Phone #:	(575) 264-9884	**Fax #:**	**Address:**		
Project #:	21572	**Project Owner:** Mewbourne	**City:**		
Project Name:	Cooksey 36 State Com 1H		**State:**	**Zip:**	
Project Location:	32.079922, -104.135917		**Phone #:**		
Sampler Name:	Martin Sepulveda		**Fax #:**		

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST											
Lab I.D.	**Sample I.D.**	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)										
H250021																										
1	TT 1 @ 14'	G	1			X					X		1/7/25		X	X	X									

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

Relinquished By:	**Date:** 1-8-25	**Received By:**	**Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:**
	Time: 1504		**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** 8.4	**Sample Condition** Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	**CHECKED BY: (Initials)**	**Turnaround Time:** Standard ☒ Rush ☐	**Bacteria (only) Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No
Sampler - UPS - Bus - Other:	**Corrected Temp. °C** 9.0			**Thermometer ID #140** **Correction Factor -0.5°C**	**Observed Temp. °C** **Corrected Temp. °C**

FORM-006 R 3.5 08/05/24

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

Received by OCD: 5/28/2026 2:47:43 PM

Released to Imaging: 6/9/2026 4:08:54 PM

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 589397

QUESTIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88240	OGRID: 14744
	Action Number: 589397
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2435536568**
Incident Name	**NAPP2435536568 COOKSEY 36 ST COM #1H BATTERY @ FAPP2125650971**
Incident Type	**Fire**
Incident Status	**Deferral Request Received**
Incident Facility	**[fAPP2125650971] COOKSEY 36 ST COM #1H BATTERY**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	COOKSEY 36 ST COM #1H BATTERY
Date Release Discovered	12/09/2024
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Fire
Did this release result in a fire or is the result of a fire	Yes
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Fire | Pump | Produced Water | Released: 19 BBL | Recovered: 0 BBL | Lost: 19 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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 (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88240	OGRID: 14744
	Action Number: 589397
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(2) an unauthorized release of a volume that:** **(a) results in a fire or is the result of a fire.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

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

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

I hereby agree and sign off to the above statement	Name: Jeff Broom Title: Environmental Rep Email: jbroom@mewbourne.com Date: 05/28/2026

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 (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88240	OGRID: 14744
	Action Number: 589397
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 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 ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between ½ and 1 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	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)	28000
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	977
GRO+DRO	(EPA SW-846 Method 8015M)	535
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence		01/09/2025
On what date will (or did) the final sampling or liner inspection occur		04/30/2026
On what date will (or was) the remediation complete(d)		09/18/2025
What is the estimated surface area (in square feet) that will be reclaimed		2564
What is the estimated volume (in cubic yards) that will be reclaimed		380
What is the estimated surface area (in square feet) that will be remediated		3888
What is the estimated volume (in cubic yards) that will be remediated		1260
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.		

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88240	OGRID: 14744
	Action Number: 589397
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	*Not answered.*
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	Yes
In which state is the disposal taking place	Texas
What is the name of the out-of-state facility	R360 Red Bluff Facility
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Jeff Broom Title: Environmental Rep Email: jbroom@mewbourne.com Date: 05/28/2026
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88240	OGRID: 14744
	Action Number: 589397
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

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	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Tanks located within a lined containment. We would have to deconstruct the location to meet closure criteria.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	2564
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	733
Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.	
Enter the facility ID (f#) on which this deferral should be granted	fAPP2125650971 COOKSEY 36 ST COM #1H BATTERY
Enter the well API (30-) on which this deferral should be granted	*Not answered.*
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Jeff Broom Title: Environmental Rep Email: jbroom@mewbourne.com Date: 05/28/2026

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 (continued)

Operator:	OGRID:
MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88240	14744
	Action Number: 589397
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**504873**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**09/16/2025**
What was the (estimated) number of samples that were to be gathered	**4**
What was the sampling surface area in square feet	**800**

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	No

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

CONDITIONS

Action 589397

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88240	OGRID: 14744
	Action Number: 589397
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
scwells	Deferral approved. Deferral of DEF 1 through DEF 8 is approved until plugging and abandonment or a major facility deconstruction, whichever comes first. A complete and accurate remediation report and/or reclamation report will need to be submitted at that time.	6/9/2026