State of New Mexico
Oil Conservation Division

Incident ID	nAPP2306235620
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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?	20 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☑ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☑ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☑ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☑ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☑ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☑ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☑ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☑ Yes ☐ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☑ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☑ Field data
- ☑ Data table of soil contaminant concentration data
- ☑ Depth to water determination
- ☑ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☑ Boring or excavation logs
- ☑ Photographs including date and GIS information
- ☑ Topographic/Aerial maps
- ☑ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2306235620
District RP	
Facility ID	
Application ID	

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.

Printed Name: Connor Walker Title: Sr. Engineer

Signature:  Date: 5/25/2023

email: cwalker@mewbourne.com Telephone: (806)202-5281

OCD Only

Received by: Jocelyn Harimon Date: 05/25/2023

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2306235620
District RP	
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Application ID	

Closure

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

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☑ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☑ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☑ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☑ Description of remediation activities

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

Printed Name: Connor Walker Title: Sr. Engineer

Signature: _____ Date: 5/25/2023

email: cwalker@mewbourne.com Telephone: (806)202-5281

OCD Only

Received by: Jocelyn Harimon Date: 05/25/2023

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Nelson Velez Date: 08/17/2023

Printed Name: Nelson Velez Title: Environmental Specialist - Adv

Remediation Summary & Soil Closure Request

Mewbourne Oil Company
Black Sheep 4-33 B3OB Fed Com #1H Battery
Lea County, New Mexico
Unit Letter "O", Section 4, Township 22 South, Range 34 East
Latitude 32.4142510 North, Longitude 103.474413 West
NMOCD Reference No. nAPP2306235620

Prepared By:

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

Ben J. Arguijo

Lance Crenshaw

ETECH Environmental & Safety Solutions, Inc.

Midland • San Antonio • Lubbock • Hobbs • Lafayette

TABLE OF CONTENTS

1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Mewbourne Oil Company, has prepared this *Remediation Summary & Soil Closure Request* for the release site known as the Black Sheep 4-33 B3OB Fed Com #1H Battery (henceforth, "Black Sheep"). Details of the release are summarized below:

Location of Release Source

Latitude: 32.4142510 Longitude: -103.4744130

Provided GPS are in WGS84 format.

Site Name: Black Sheep 4-33 B3OB Fed Com #1H Battery	Site Type: Tank Battery
Date Release Discovered: 2/25/2023	API # (if applicable): N/A

Unit Letter	Section	Township	Range	County
"O"	4	22S	34E	Lea

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

Nature and Volume of Release

[X] Crude Oil	Volume Released (bbls) 179	Volume Recovered (bbls) 5
[X] Produced Water	Volume Released (bbls) 179	Volume Recovered (bbls) 5
	Is the concentration of total dissolved solids (TDS) 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:
A heater treater fire tube gasket developed a leak which led to the heater treater catching fire.

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 NMOCD Form C-141 are available in the NMOCD Imaging System.

2.0 SITE CHARACTERIZATION

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 Black Sheep release site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. Depth to groundwater information is provided as Appendix A.

What is the shallowest depth to groundwater beneath the area affected by the release?	20'	
Did the release impact groundwater or surface water?	[ ] Yes	[X] No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	[ ] Yes	[X] No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark?	[ ] Yes	[X] No
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	[ ] Yes	[X] No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	[ ] Yes	[X] No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	[ ] Yes	[X] No
Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?	[ ] Yes	[X] No
Are the lateral extents of the release within 300 feet of a wetland?	[ ] Yes	[X] No
Are the lateral extents of the release overlying a subsurface mine?	[ ] Yes	[X] No
Are the lateral extents of the release overlying an unstable area such as karst geology?	[ ] Yes	[X] No
Are the lateral extents of the release within a 100-year floodplain?	[ ] Yes	[X] No
Did the release impact areas not on an exploration, development, production or storage site?	[X] Yes	[ ] No

NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) and Fish & Wildlife Services (FWS) shapefiles, topographic maps, NMOSE and USGS databases, and aerial imagery. The results are depicted in Figures 1, 2, 4, and 5.

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

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

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

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

4.0 REMEDIATION ACTIVITIES SUMMARY

On March 3, 2023, remediation activities commenced at the Black Sheep release site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD Closure Criteria and NMOCD Reclamation Standards was excavated and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal. Olfactory/visual senses and/or a chloride test kit were utilized to field-screen the horizontal and vertical extent of impacted soil and to guide the excavation. The sidewalls and floors of the excavation were advanced until field tests and field observations suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards. Representative five-point composite confirmation soil samples were collected every 200 square feet from the sidewalls and floor of the excavated area to be submitted for laboratory analysis.

On March 3, 2023, Etech collected 19 confirmation soil samples (NW1, NW2, SW1, WW1, WW2, and FL 1 @ 3 through FL 14 @ 3) from the sidewalls and floor of the excavated area. The soil samples were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also less than the applicable laboratory method detection limit (MDL). Chloride concentrations ranged from 32.0 mg/kg in soil sample FL 13 @ 4 1/2 to 480 mg/kg in soil sample WW1.

On March 4, 2023, Etech collected 31 confirmation soil samples (NW3, EW1, EW2, EW3, SW2, SW3, and FL 15 @ 3' through FL 39 @ 3') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also less than the applicable laboratory MDL in each of the submitted soil samples, with the exception of sample FL 15 @ 3', which exhibited a BTEX concentration of 0.018 mg/kg. Chloride concentrations ranged from 2.77 mg/kg in soil sample SW2 to 210 mg/kg in soil sample EW1.

The final dimensions of the excavated area were approximately 124 feet in length, 70 to 102 feet in width, and 3 to 4.5 feet in depth. During the course of remediation activities, Etech transported approximately 1,080 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 1,308 cubic yards of locally sourced, non-impacted material to the site for use as backfill.

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

5.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

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. The affected area was compacted and contoured to achieve erosion control, stability, and preservation of surface water flow, to the extent practicable. Affected areas not on production pads and/or lease roads will be reseeded with an agency and/or landowner-approved seed mixture during the first favorable growing season following closure of the site.

6.0 SOIL CLOSURE REQUEST

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

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

7.0 LIMITATIONS

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

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

8.0 DISTRIBUTION

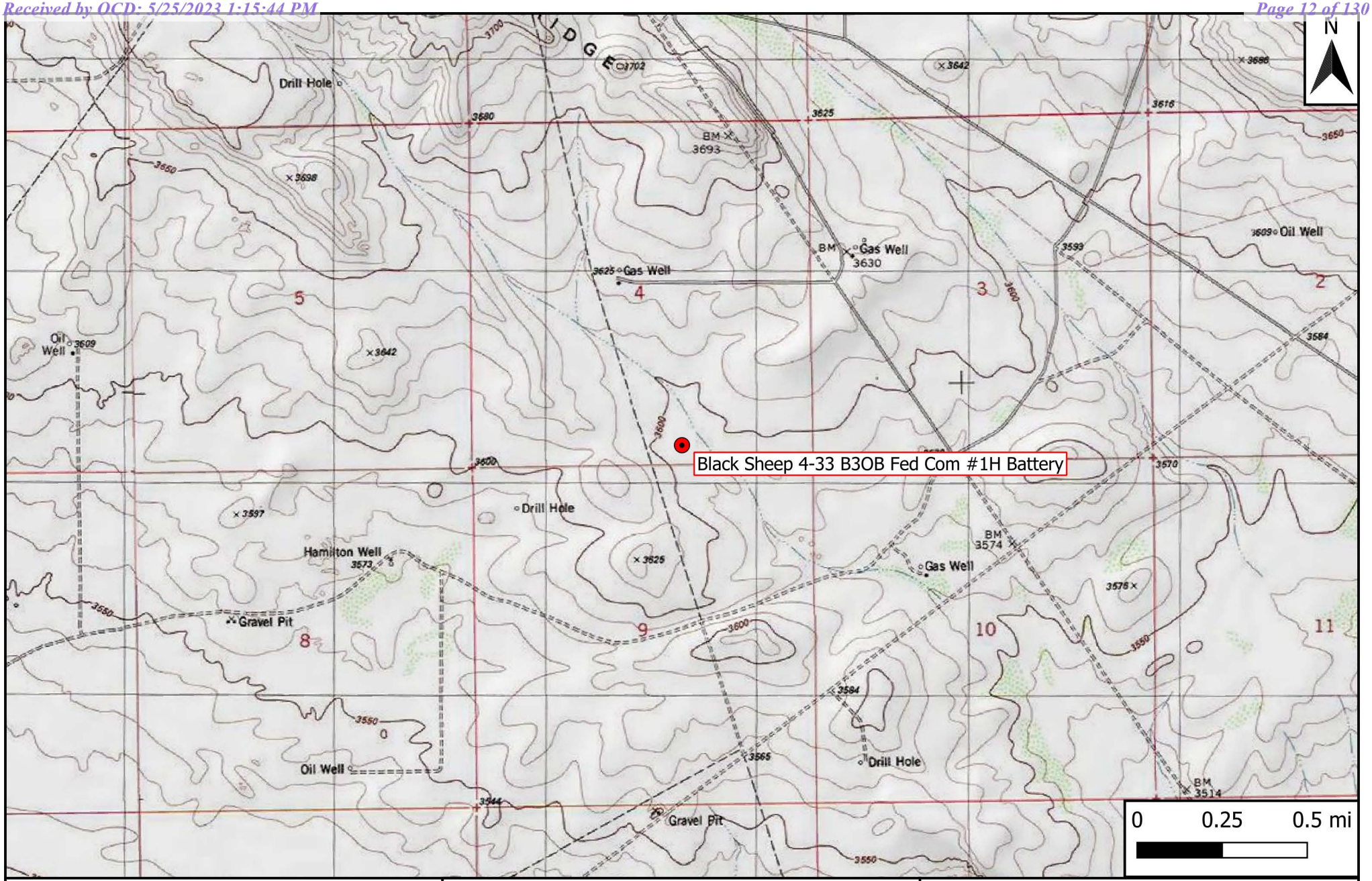
Mewbourne Oil Company
4801 Business Park Blvd.
Hobbs, NM 88240

New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1220 South St. Francis Drive
Santa Fe, NM 87505

United States Department of the Interior
Bureau of Land Management
620 E. Greene Street
Carlsbad, NM 88220

(Electronic Submission)

Figure 1
Topographic Map



Legend

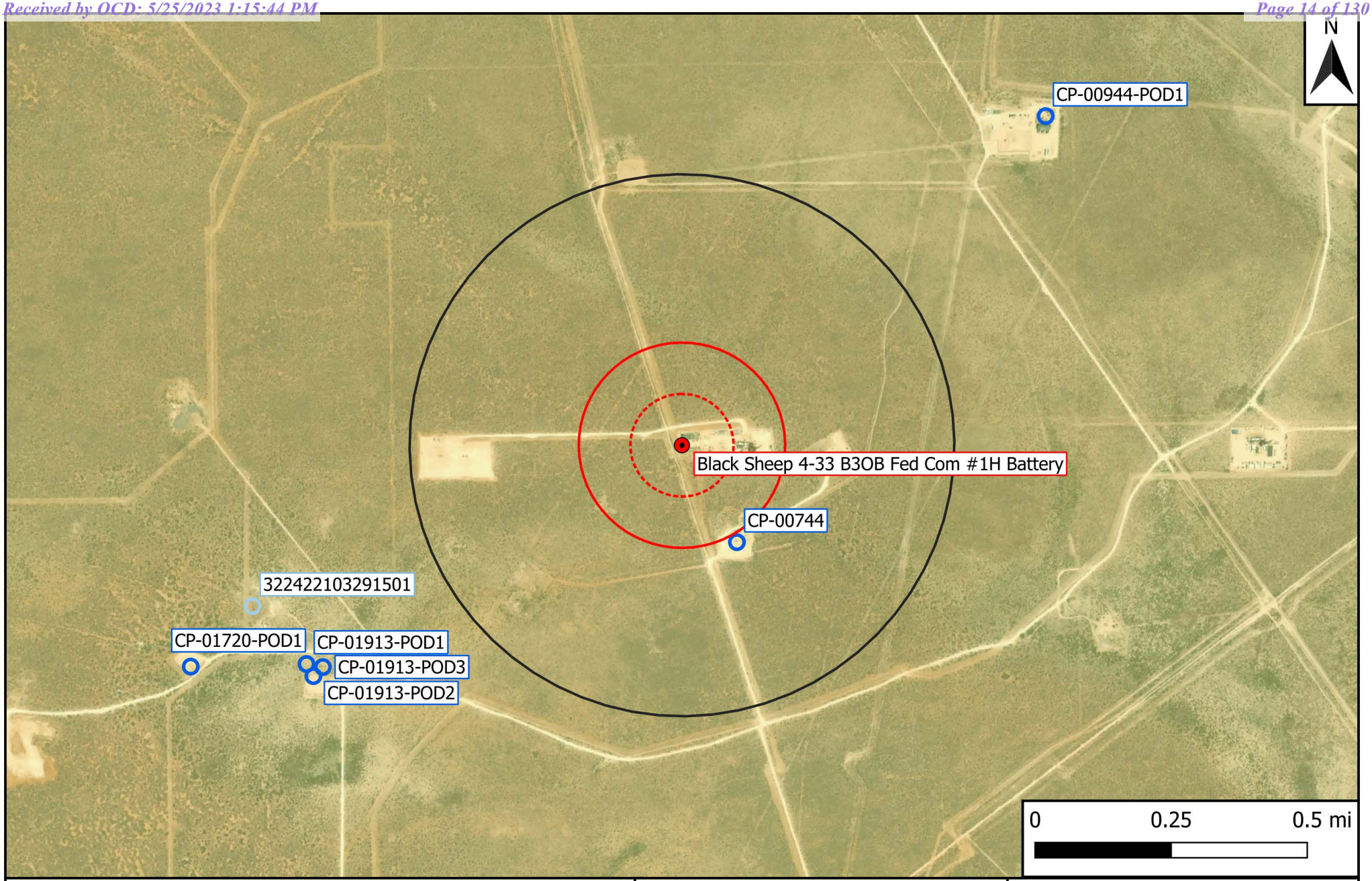
- Site Location

Figure 1
Topographic Map
Mewbourne Oil Company
Black Sheep 4-33 B3OB Fed Com #1H Battery
GPS: 32.414251, -103.474413
Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted: bja Checked: lc Date: 5/1/23

Figure 2
Site Characterization Map



Legend

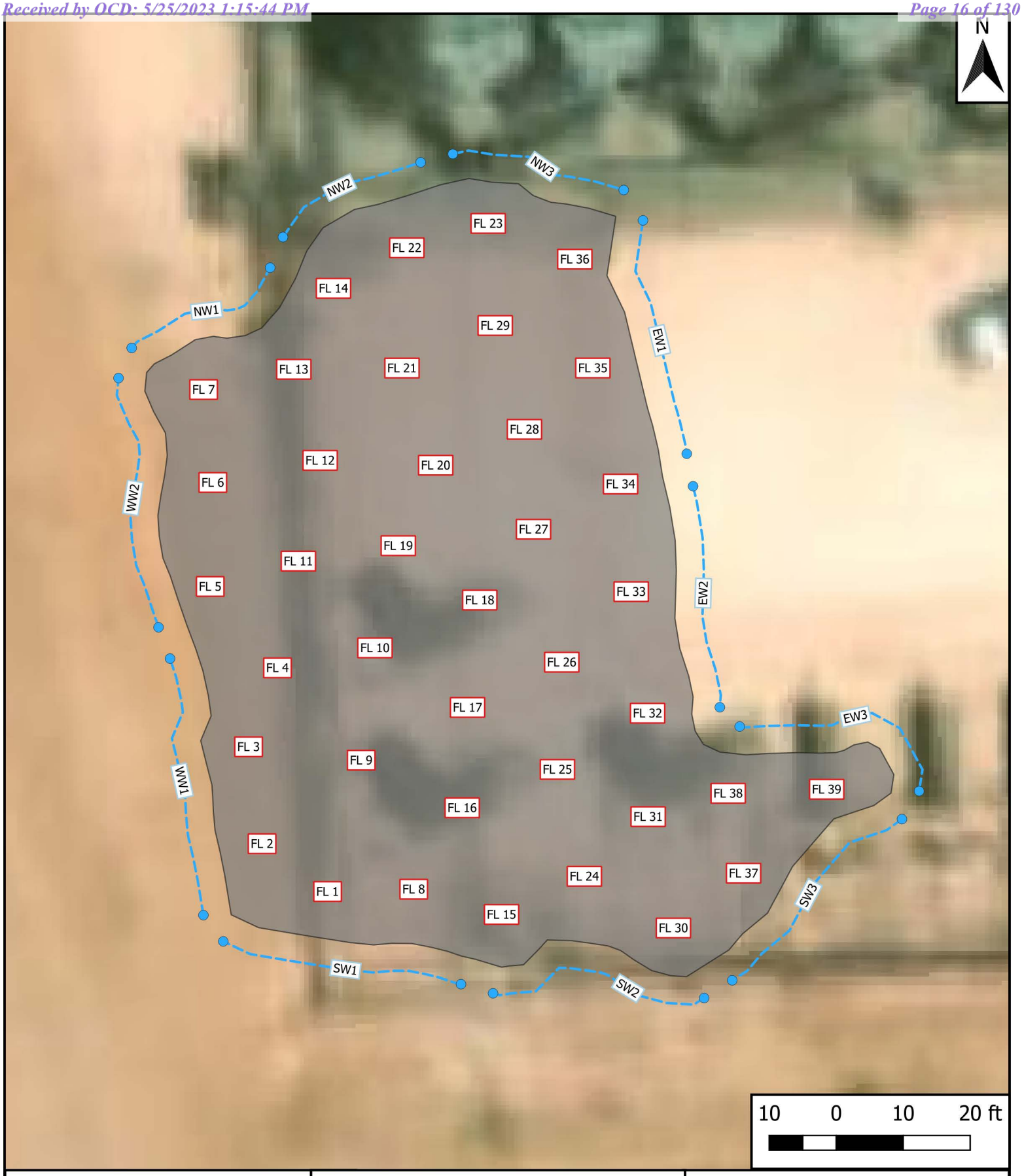
- Site Location
- Well - USGS
- Well - Exploratory/Monitor
- Potash Mine Workings
- 1% Annual Flood Chance
- Emergent/Forested Wetlands
- Freshwater Pond/Lake
- Karst Potential (Low/Med./High)
- Riverine
- 500-Ft Radius
- 1,000-Ft Radius
- 0.5-Mi Radius
- Municipal Boundary

Figure 2
Site Characterization Map
Mewbourne Oil Company
Black Sheep 4-33 B3OB Fed Com #1H Battery
GPS: 32.414251, -103.474413
Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted: bja Checked: lc Date: 5/1/23

Figure 3
Site & Sample Location Map



Legend

- Excavation Extent
- Composite Floor Sample
- Composite Wall Sample

Figure 3

Site & Sample Location Map
Mewbourne Oil Company
Black Sheep 4-33 B3OB Fed Com #1H Battery
GPS: 32.414251, -103.474413
Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted: bja Checked: lc Date: 5/25/23

Table 1
Concentrations of BTEX, TPH & Chloride in Soil

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
Mewbourne Oil Company
Black Sheep 4-33 B3OB Fed Com #1H Battery
NMOCD Ref. #: nAPP2306235620

NMOCD Closure Criteria				**10**	**50**	**N/A**	**N/A**	**N/A**	**N/A**	**100**	**600**
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)**	**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)**
NW1	3/3/2023	0-4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
NW2	3/3/2023	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
NW3	3/4/2023	0-3	In-Situ	<0.00104	<0.00624	<26.0	<26.0	<26.0	<26.0	<26.0	4.98
EW1	3/4/2023	0-3	In-Situ	<0.00105	<0.0063	<26.3	<26.3	<26.3	<26.3	<26.3	210
EW2	3/4/2023	0-3	In-Situ	<0.00104	<0.00624	<26.0	<26.0	<26.0	<26.0	<26.0	7.98
EW3	3/4/2023	0-3	In-Situ	<0.00104	<0.00624	<26.0	<26.0	<26.0	<26.0	<26.0	22.4
SW1	3/3/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW2	3/4/2023	0-3	In-Situ	<0.00105	0.00203	<26.3	<26.3	<26.3	<26.3	<26.3	2.77
SW3	3/4/2023	0-3	In-Situ	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	<25.8	3.26
WW1	3/3/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
WW2	3/3/2023	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 1 @ 3	3/3/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 2 @ 4	3/3/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 3 @ 4	3/3/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 4 @ 3	3/3/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 5 @ 3	3/3/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 6 @ 3	3/3/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 7 @ 3	3/3/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 8 @ 3	3/3/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 9 @ 3	3/3/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 10 @ 3	3/3/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 11 @ 3	3/3/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 12 @ 3	3/3/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 13 @ 4 1/2	3/3/2023	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 14 @ 3	3/3/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 15 @ 3'	3/4/2023	3	In-Situ	<0.00103	0.0182	<25.8	<25.8	<25.8	<25.8	<25.8	3.00
FL 16 @ 3'	3/4/2023	3	In-Situ	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	<25.8	47.7
FL 17 @ 3'	3/4/2023	3	In-Situ	<0.00104	<0.00624	<26.0	<26.0	<26.0	<26.0	<26.0	8.29
FL 18 @ 3'	3/4/2023	3	In-Situ	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	<25.8	7.71
FL 19 @ 3'	3/4/2023	3	In-Situ	<0.00104	<0.00624	<26.0	<26.0	<26.0	<26.0	<26.0	8.99
FL 20 @ 3'	3/4/2023	3	In-Situ	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	<25.8	8.10
FL 21 @ 3'	3/4/2023	3	In-Situ	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	<25.8	8.26
FL 22 @ 3'	3/4/2023	3	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	<27.8	10.6
FL 23 @ 3'	3/4/2023	3	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	<27.8	6.59
FL 24 @ 3'	3/4/2023	3	In-Situ	<0.00105	<0.0063	<26.3	<26.3	<26.3	<26.3	<26.3	46.4
FL 25 @ 3'	3/4/2023	3	In-Situ	<0.00106	<0.00636	<26.6	<26.6	<26.6	<26.6	<26.6	43.5
FL 26 @ 4'	3/4/2023	4	In-Situ	<0.00105	<0.0063	<26.3	<26.3	<26.3	<26.3	<26.3	18.8
FL 27 @ 4'	3/4/2023	4	In-Situ	<0.00106	<0.00636	<26.6	<26.6	<26.6	<26.6	<26.6	135
FL 28 @ 3'	3/4/2023	3	In-Situ	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	<25.8	7.63
FL 29 @ 3'	3/4/2023	3	In-Situ	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	<25.8	8.31
FL 30 @ 3'	3/4/2023	3	In-Situ	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	<25.8	8.05

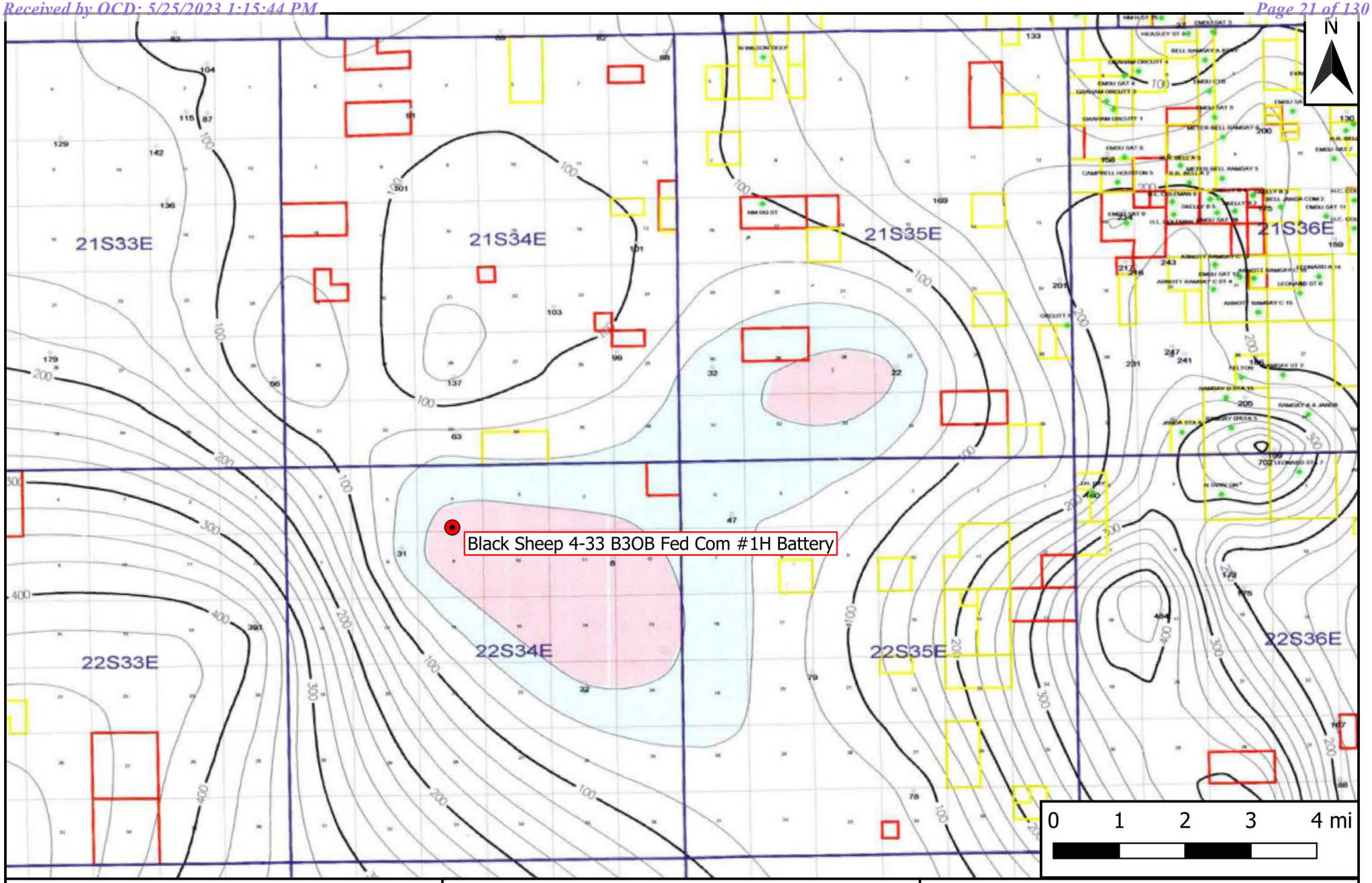
Dash (-): Sample not analyzed for that constituent.
Bold: NMOCD Closure Criteria exceedance.
Red: NMOCD Reclamation Standard exceedance.

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
Mewbourne Oil Company
Black Sheep 4-33 B3OB Fed Com #1H Battery
NMOCD Ref. #: nAPP2306235620

NMOCD Closure Criteria				**10**	**50**	**N/A**	**N/A**	**N/A**	**N/A**	**100**	**600**
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)**	**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 31 @ 3'	3/4/2023	3	In-Situ	<0.00106	<0.00636	<26.6	<26.6	<26.6	<26.6	<26.6	22.0
FL 32 @ 3'	3/4/2023	3	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	<25.3	8.96
FL 33 @ 3'	3/4/2023	3	In-Situ	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	<25.8	6.03
FL 34 @ 3'	3/4/2023	3	In-Situ	<0.00108	<0.00648	<26.9	<26.9	<26.9	<26.9	<26.9	9.30
FL 35 @ 3'	3/4/2023	3	In-Situ	<0.00109	<0.00654	<27.2	<27.2	<27.2	<27.2	<27.2	11.6
FL 36 @ 3'	3/4/2023	3	In-Situ	<0.00105	<0.0063	<26.3	<26.3	<26.3	<26.3	<26.3	18.0
FL 37 @ 3'	3/4/2023	3	In-Situ	<0.00110	<0.0066	<27.5	<27.5	<27.5	<27.5	<27.5	17.1
FL 38 @ 3'	3/4/2023	3	In-Situ	<0.00108	<0.00648	<26.9	<26.9	<26.9	<26.9	<26.9	42.1
FL 39 @ 3'	3/4/2023	3	In-Situ	<0.00104	<0.00624	<26.0	<26.0	<26.0	<26.0	<26.0	47.9

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

Appendix A
Depth to Groundwater Information



Legend

- Site Location

Figure 4

Inferred Depth to Groundwater Trend Map
Mewbourne Oil Company
Black Sheep 4-33 B3OB Fed Com #1H Battery
GPS: 32.414251, -103.474413
Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted: bja Checked: lc Date: 5/1/23

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

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

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

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

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 00744		CP	LE	1	2	09	22S	34E		643618	3587091*	329	460		
CP 00597 POD1		CP	LE		2	2	08	22S	34E	642410	3587074*	1088	35		
CP 01913 POD3		CP	LE	1	4	2	08	22S	34E	642394	3586721	1247	26		
CP 01913 POD1		CP	LE	1	4	2	08	22S	34E	642346	3586730	1284	35	31	4
CP 01913 POD2		CP	LE	1	4	2	08	22S	34E	642366	3586694	1285	31		
CP 00944 POD1		CP	LE		3	1	03	22S	34E	644531	3588351	1450	109	70	39
CP 01720 POD1		CP	LE	1	3	2	08	22S	34E	642003	3586723	1592	1190	824	366

Average Depth to Water: **308 feet**

Minimum Depth: **31 feet**

Maximum Depth: **824 feet**

Record Count: 7

UTMNAD83 Radius Search (in meters):

Easting (X): 643455.46 **Northing (Y):** 3587377.69 **Radius:** 1610

***UTM location was derived from PLSS - see Help**

5/24/23 11:03 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CP 00744		1	2	09	22S	34E	643618	3587091*

Driller License:	421	**Driller Company:**	GLENN'S WATER WELL SERVICE		
Driller Name:	GLENN, CLARK A."CORKY" (LD)				
Drill Start Date:	10/06/1989	**Drill Finish Date:**	10/06/1989	**Plug Date:**	
Log File Date:	10/17/1989	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:		**Depth Well:**	460 feet	**Depth Water:**	

***UTM location was derived from PLSS - see Help**

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

47583

Section 1. GENERAL INFORMATION

(A) Owner of well Oryx Energy Owner's Well No. 9

Street or Post Office Address c/o Glenn's Water Well Service, Inc.

City and State P.O. Box 692 Tatum, N.M. 88267

Well was drilled under Permit No. CP 744 and is located in the:

a. ____ ¼ E½ ¼ NW ¼ NE ¼ of Section 9 Township 22-S. Range 34-E. N.M.P.M.

b. Tract No. ____ of Map No. ____ of the ____

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

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

(B) Drilling Contractor Glenn's Water Well Service, License No. WD 421

Address P.O. Box 692n Tatum, N.M. 88267

Drilling Began 10/6/89 Completed 10/6/89 Type tools Rotary Size of hole 7 7/8 in.

Elevation of land surface or ____ at well is ____ ft. Total depth of well 460 ft.

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

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
Well was back	filled with	native dirt		

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To

Section 4. RECORD OF MUDDING AND CEMENTING

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

Section 5. PLUGGING RECORD

Plugging Contractor ____

Address ____

Plugging Method ____

Date Well Plugged ____

Plugging approved by:

State Engineer Representative

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

FOR USE OF STATE ENGINEER ONLY

Date Received October 17, 1989

Quad ____ FWL ____ FSL ____

File No. CP-744 Use OWD Location No. 22.34.9.21411

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	4	4	soil
4	22	18	caleche
22	35	13	sand
35	49	14	sandy clay
49	52	3	gravel
52	63	11	brown sand stone
63	67	4	light blue clay
67	86	19	red clay
86	98	13	purple clay
98	140	42	red clay
140	190	50	brown shale
190	204	14	blue sand rock
204	265	61	brown shale with blue streeks
265	272	7	blue sand rock
272	320	48	red clay
320	404	132	brown shale
404	415	11	clay conglomerate (red yellow blue)
415	460	45	brown shale

Section 7. REMARKS AND ADDITIONAL INFORMATION

'89 OCT 17 AM 8 09
STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO

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

Driller

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

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CP 00597 POD1		2	2	08	22S	34E	642410	3587074*

Driller License: 122 **Driller Company:** UNKNOWN

Driller Name:

Drill Start Date: **Drill Finish Date:** **Plug Date:**

Log File Date: **PCW Rcv Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 3 GPM

Casing Size: 6.63 **Depth Well:** 35 feet **Depth Water:**

***UTM location was derived from PLSS - see Help**

New Mexico Office of the State Engineer
Transaction Summary

DCL Declaration of a Water Right

Transaction Number: 546663 **Transaction Desc:** CP 00597 **File Date:** 04/17/1979

Primary Status: DCL Declared
Secondary Status: PRC Processed
Person Assigned: *******
Applicant: THE MERCHANT LIVESTOCK COMPANY

Events

	Date	Type	Description	Comment	Processed By
get images	04/17/1979	APP	Application Received	*	*******
	04/17/1979	FTN	Finalize non-published Trans.		*******
	05/15/2014	QAT	Quality Assurance Completed	SQ2	*******
	09/17/2014	QAT	Quality Assurance Completed	IMAGE	*******
	12/15/2016	QAT	Quality Assurance Completed	DATA	*******

Water Right Information

WR File Nbr	Acres	Diversion	Consumptive	Purpose of Use
CP 00597	0	3		PLS NON 72-12-1 LIVESTOCK WATERING

****Point of Diversion**

CP 00597 POD1	642410	3587074*	

***An (*) after northing value indicates UTM location was derived from PLSS - see Help**

****Place of Use**

Q 256	Q 64	Q 16	Q 4	Sec	Twn	Rng	Acres	Diversion	Consumptive	Use	Priority	Status	Other Loc Desc
							0	3		PLS	12/31/1918	DCL	NO PLACE OF USE GIVEN

Remarks

NAME OF WELL - HAMILTON

"ABSTRACTOR'S NOTE: THE POD FOR THIS DECLARATION HAS BEEN RE-NUMBERED ACCORDING TO THE APPROVED OSE POD POLICY".

New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	CP 01913 POD3	1	4	2	08	22S	34E	642394	3586721

Driller License:	1249	**Driller Company:**	ATKINS ENGINEERING ASSOC. INC.		
Driller Name:	JACKIE ATKINS				
Drill Start Date:	08/09/2022	**Drill Finish Date:**	08/09/2022	**Plug Date:**	
Log File Date:	08/11/2022	**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:		**Depth Well:**	26 feet	**Depth Water:**	

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-3		CP-

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Marathon Oil	

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
4111 S. Tidwell Rd.	Carlsbad	NM	88220

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	24	30.50	N
	LONGITUDE	103	29	8.88	W

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

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

NW SE NE Sec. 08 T22S R34E, NMPM

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1249	Jackie D. Atkins	Atkins Engineering Associates, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
8/9/2022	8/9/2022	Soil Boring	±26	N/A

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

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

DATE STATIC MEASURED:

DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES – SPECIFY:

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

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	26	6.5"	Soil Boring	--	--	--	--

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	AMOUNT (cubic feet)	METHOD OF PLACEMENT

OSE DII AUG 11 2022 PM 1:13

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. CP-1913-POD3	POD NO. POD 3	TRN NO. 732035
LOCATION Expl. 22.34.14z	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	9	9	Sand, medium/ fine grained , poorly graded,unconsolidated, Brown	Y ✓ N	
9	11	3	Sand, medium/ fine grained , poorly graded, with clay, Olive Grey	Y ✓ N	
11	16	5	Sand, medium/ fine grained , poorly graded, with gravel (0.25") Olive Grey	Y ✓ N	
16	26	10	Clay, Stiff, High Plasticity, Deep Red	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	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

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: The boring was plugged using augers as tremie to land a slurry of Portland TYPE I/II Neat cement less than 6.0 gallons of water per 94 lb. sack.

OSE DIT AUG 11 2022 PM4:13

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

Shane Eldridge, Cameron Pruitt

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:

Jack Atkins — Jackie D. Atkins — 8/10/2022

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. CP-1913-POD 3	POD NO. POD 3	TRN NO. 732035	
LOCATION Expl 22.34.14.2		WELL TAG ID NO. —	PAGE 2 OF 2

Mike A. Hamman, P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 732035
File Nbr: CP 01913
Well File Nbr: CP 01913 POD3

Aug. 11, 2022

MELODIE SANJARI
MARATHON OIL
4111 S TIDWELL RD
CARLSBAD, NM 88220

Greetings:

The above numbered permit was issued in your name on 08/15/2022.

The Well Record was received in this office on 08/11/2022, stating that it had been completed on 08/09/2022, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 08/15/2023.

If you have any questions, please feel free to contact us.

Sincerely,

Maret Amaral
(575)622-6521

drywell

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	CP 01913 POD1	1	4	2	08	22S	34E	642346	3586730

Driller License: 1249 **Driller Company:** ATKINS ENGINEERING ASSOC. INC.

Driller Name: JACKIE ATKINS

Drill Start Date: 08/09/2022 **Drill Finish Date:** 08/09/2022 **Plug Date:**

Log File Date: 08/11/2022 **PCW Rcv Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: **Depth Well:** 35 feet **Depth Water:** 31 feet

Water Bearing Stratifications:	Top	Bottom	Description
	29	34	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	0	35

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-2		CP-

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Marathon Oil	

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
4111 S. Tidwell Rd.	Carlsbad	NM	88220

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	24	29.64	N
	LONGITUDE	103	29	9.96	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

NW SE NE Sec. 08 T22S R34E, NMPM

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1249	Jackie D. Atkins	Atkins Engineering Associates, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
8/8/2022	8/8/2022	Soil Boring	±31	N/A

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

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

DATE STATIC MEASURED: 8/8/2022

DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES – SPECIFY:

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

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	31	6.5"	Soil Boring	--	--	--	--

OSE DIT AUG 11 2022 PM 1:16

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	AMOUNT (cubic feet)	METHOD OF PLACEMENT

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. CP-1913-POD2	POD NO. POD 2	TRN NO. 732035
LOCATION Expl 22.34.08.142	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	14	14	Sand, medium/ fine grained , poorly graded,unconsolidated, Tan and Grey	Y ✓ N	
14	16	2	Sand, medium grained , poorly graded,unconsolidated, with gravel, Olive green	Y ✓ N	
16	31	14	Clay, Stiff, High Plasticity, Deep Red	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	
				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:

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: The boring was plugged using augers as tremie to land a slurry of Portland TYPE I/II Neat cement less than 6.0 gallons of water per 94 lb. sack.

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

Shane Eldridge, Cameron Pruitt, Lucas Middleton

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:

Jack Atkins — Jackie D. Atkins — 8/10/2022

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. CP-1913-POD 2	POD NO. POD 2	TRN NO. 732035
LOCATION Expl 22.34.08.142	WELL TAG ID NO.	PAGE 2 OF 2

Mike A. Hamman, P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 732035
File Nbr: CP 01913
Well File Nbr: CP 01913 POD2

Aug. 11, 2022

MELODIE SANJARI
MARATHON OIL
4111 S TIDWELL RD
CARLSBAD, NM 88220

Greetings:

The above numbered permit was issued in your name on 08/15/2022.

The Well Record was received in this office on 08/11/2022, stating that it had been completed on 08/08/2022, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 08/15/2023.

If you have any questions, please feel free to contact us.

Sincerely,

Maret Amaral
(575)622-6521

drywell

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	CP 01913 POD2	1	4	2	08	22S	34E	642366	3586694

Driller License:	1249	**Driller Company:**	ATKINS ENGINEERING ASSOC. INC.		
Driller Name:	JACKIE ATKINS				
Drill Start Date:	08/08/2022	**Drill Finish Date:**	08/08/2022	**Plug Date:**	
Log File Date:	08/11/2022	**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:		**Depth Well:**	31 feet	**Depth Water:**	

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CP 00944 POD1	3	1		03	22S	34E	644531	3588351

Driller License:	1456	**Driller Company:**	WHITE DRILLING COMPANY		
Driller Name:	WHITE, JOHN W				
Drill Start Date:	03/05/2007	**Drill Finish Date:**	03/05/2007	**Plug Date:**	
Log File Date:	03/22/2007	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	5.00	**Depth Well:**	109 feet	**Depth Water:**	70 feet

Water Bearing Stratifications:	Top	Bottom	Description
	62	72	Other/Unknown

Casing Perforations:	Top	Bottom
	57	97

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Twn	Rng	X	Y
NA	CP 01720 POD1	1	3	2	08	22S	34E	642003	3586723

Driller License: 421 **Driller Company:** GLENN'S WATER WELL SERVICE
Driller Name: CORKY GLENN

Drill Start Date: 05/02/2019 **Drill Finish Date:** 05/07/2019 **Plug Date:**
Log File Date: 06/05/2019 **PCW Rcv Date:** **Source:** Artesian
Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 100 GPM
Casing Size: 8.13 **Depth Well:** 1190 feet **Depth Water:** 824 feet

Water Bearing Stratifications:

Top	Bottom	Description
824	1109	Sandstone/Gravel/Conglomerate
1109	1140	Sandstone/Gravel/Conglomerate
1140	1171	Sandstone/Gravel/Conglomerate

Casing Perforations:

Top	Bottom
728	1190

Meter Number: 19147 **Meter Make:** SEAMETRICS
Meter Serial Number: 032019000828 **Meter Multiplier:** 1.0000
Number of Dials: 9 **Meter Type:** Diversion
Unit of Measure: Barrels 42 gal. **Return Flow Percent:**
Usage Multiplier: **Reading Frequency:** Monthly

Meter Readings (in Acre-Feet)

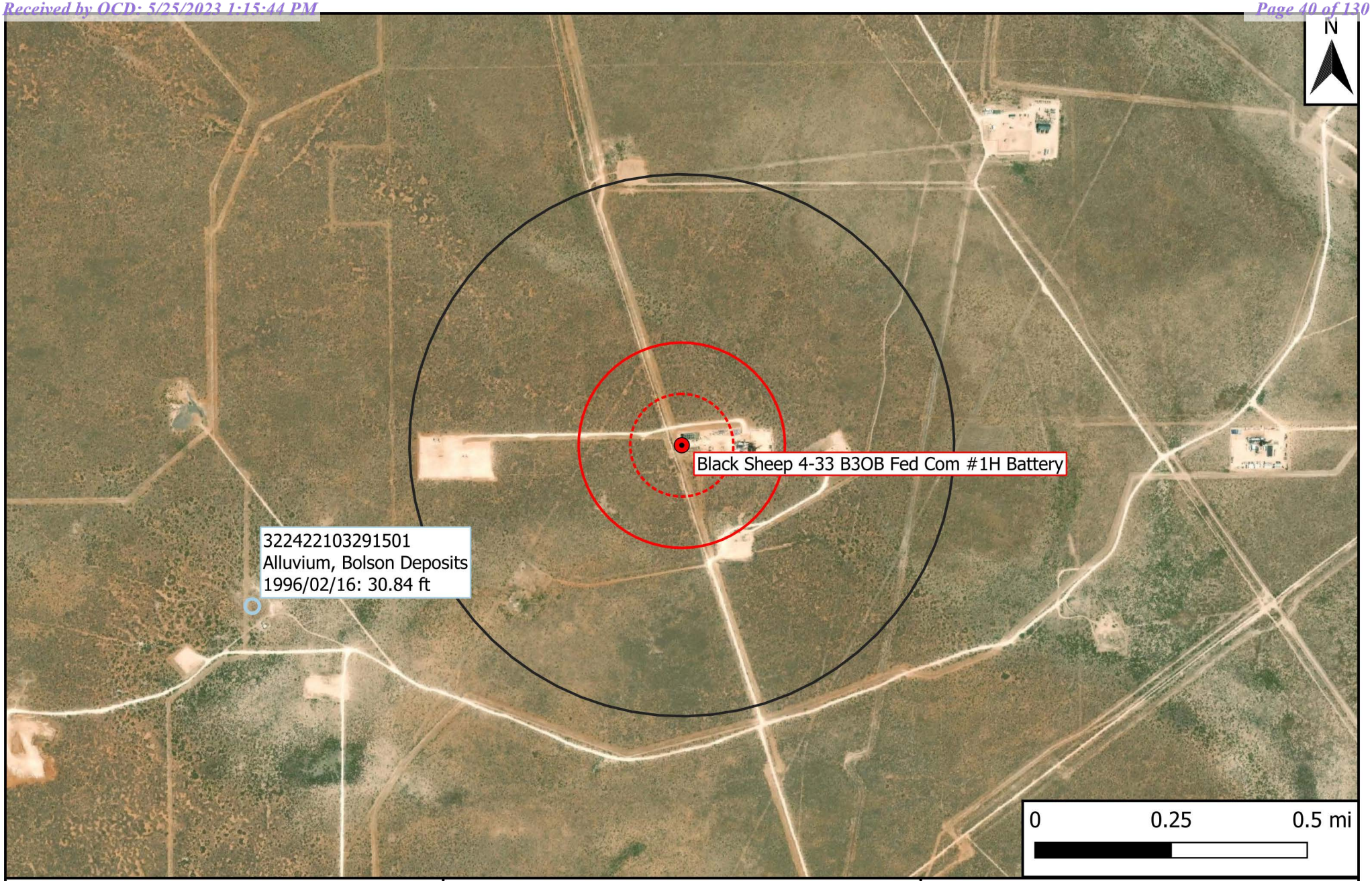
Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
09/05/2019	2019	0	A	RPT		0	
09/14/2019	2019	24359	A	RPT	10 day pump test	3.140	
04/09/2020	2020	24539	A	RPT		0.023	
05/31/2020	2020	24539	A	WEB		0	X
06/30/2020	2020	24539	A	WEB		0	X
07/31/2020	2020	61186	A	WEB		4.724	X
08/31/2020	2020	67016	A	WEB		0.751	X
09/30/2020	2020	67220	A	WEB		0.026	X
10/31/2020	2020	96007	A	WEB		3.710	X
11/30/2020	2020	149485	A	WEB		6.893	X
12/31/2020	2020	174672	A	WEB		3.246	X
01/31/2021	2021	206617	A	WEB		4.117	X
02/28/2021	2021	249261	A	WEB		5.497	X
03/31/2021	2021	311766	A	WEB		8.056	X
04/30/2021	2021	339969	A	WEB		3.635	X
05/31/2021	2021	380626	A	WEB		5.240	X
06/30/2021	2021	388412	A	WEB		1.004	X

07/31/2021	2021	420517	A	WEB	4.138 X
08/31/2021	2021	478711	A	WEB	7.501 X
09/30/2021	2021	514619	A	WEB	4.628 X
10/31/2021	2021	564629	A	WEB	6.446 X
11/30/2021	2021	616373	A	WEB	6.669 X

**YTD Meter Amounts:	Year	Amount
	2019	3.140
	2020	19.373
	2021	56.931

5/24/23 11:11 AM

POINT OF DIVERSION SUMMARY



Legend
- Site Location
- Well - USGS
- 500-Ft Radius
- 1,000-Ft Radius
- 0.5-Mi Radius

Figure 5
USGS Well Proximity Map
Mewbourne Oil Company
Black Sheep 4-33 B3OB Fed Com #1H Battery
GPS: 32.414251, -103.474413
Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted: bja Checked: lc Date: 5/1/23

Click forNews Bulletins

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 322422103291501

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 322422103291501 22S.34E.08.22333

Lea County, New Mexico
Latitude 32°24'36", Longitude 103°29'15" NAD27
Land-surface elevation 3,578.00 feet above NGVD29
The depth of the well is 35 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1968-06-10		D	72019	31.64			1	Z			A
1970-12-04		D	72019	31.46			1	Z			A
1976-12-16		D	72019	30.49			1	Z			A
1981-03-18		D	72019	30.73			1	Z			A

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1986-04-10		D	72019	29.83			1	Z			A
1991-05-03		D	72019	29.52			1	Z			A
1996-02-16		D	72019	30.84			1	S			A

Explanation

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

Appendix B
Field Data & Soil Profile Logs

eTECH Environmental & Safety Solutions, Inc.

Sample Log

Date:

Project: Black Sheep 4-33 B30B Fed Com 1H Battery

Project Number: 17711 Latitude: 32.41418 Longitude: -103.472888

Sample ID		PID/Odor	Chloride Conc.	GPS
EW1	3.0	—	368	
EW2	3.6	—	505	
EW3	3.0	—	368	
SW2	3.1	—	452	
SW3	3.0	—	368	
SW4	3.0	—	368	
FL24@3	3.2	—	408	
FL25@3	3.4	—	452	
FL26@3	[illegible]	—	844	
FL27@3	4.6	—	780	
FL28@3	2.6	—	292	
FL29@3	2.0	—	200	
FL30@3	2.2	—	228	
FL31@3	2.6	—	292	
FL32@3	3.6	—	505	
FL33@3	3.6	—	505	
FL34@3	2.4	—	260	
FL35@3	2.4	—	260	
FL36@3	2.2	—	228	
FL37@2	3.0	—	368	
FL38@2	3.6	—	505	
FL26@4	3.0	—	368	
FL27@4	2.4	—	260	
FL39@2	2.4	—	260	

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: Black Sheep 4-33 B30B Fed Com 1H Battery

Project Number: 17711 Latitude: 32.41418 Longitude: -103.472888

Sample ID		PID/Odor	Chloride Conc.	GPS
VW 1	3.6		500	
FL 1 @ 3	3.8		328	
FL 2 @ 3	7.8		2444	
FL 2 @ 4	2.2		228	
FL 3 @ 3	7.8		2444	
FL 4 @ 3	3.4		452	
FL 3 @ 4	3.4		452	
SW 1	2.2		218	
FL 5 @ 3	3.4		452	
FL 6 @ 3	3.6		500	
FL 7 @ 3	2.6		292	
FL 8 @ 3	3.6		500	
FL 9 @ 3	3.4		452	
FL 10 @ 3	3.6		500	
FL 11 @ 3	3.4		452	
FL 12 @ 3	2.6		292	
W-2	2.6		292	
NW 1	2.2		228	
FL 13 @ 3	4.4		716	
FL 14 @ 3	4.0	Light	104	
NW 2	3.4		452	
FL 13 @ 4	4.4		716	
FL 14 @ 4	2.6		292	
FL 13 @ 4 ½	3.4		452	
FL 15 @ 3	3.4		452	
FL 16 @ 3	3.4		452	
FL 17 @ 3	3.6		500	
FL 18 @ 3	2.4		260	
FL 19 @ 3	2.8		328	
FL 20 @ 3	2.6		292	
FL 21 @ 3	2.8		328	
FL 22 @ 3	3.0		368	
FL 23 @ 3	3.2		408	

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.

Soil Profile

Date: _____

Project: Black Sheep 4-33 B30B Fed Com 1H Battery

Project Number: 17711 Latitude: 32.41418 Longitude: -103.472888

Depth (ft. bgs)	Description
1	Caliche
2	Sand
3	Sand
4	Sand
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
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39	
40	

Appendix C
Photographic Log

Photographic Log

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

Photo Number: 2	
Photo Direction: North-Northeast	
Photo Description: View of the affected area.	

Photographic Log

Photo Number: 3 **Photo Direction:** Southwest **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:** West-Northwest **Photo Description:** View of the excavated area.	

Photo Number: 6 **Photo Direction:** Northwest **Photo Description:** View of the excavated area.	

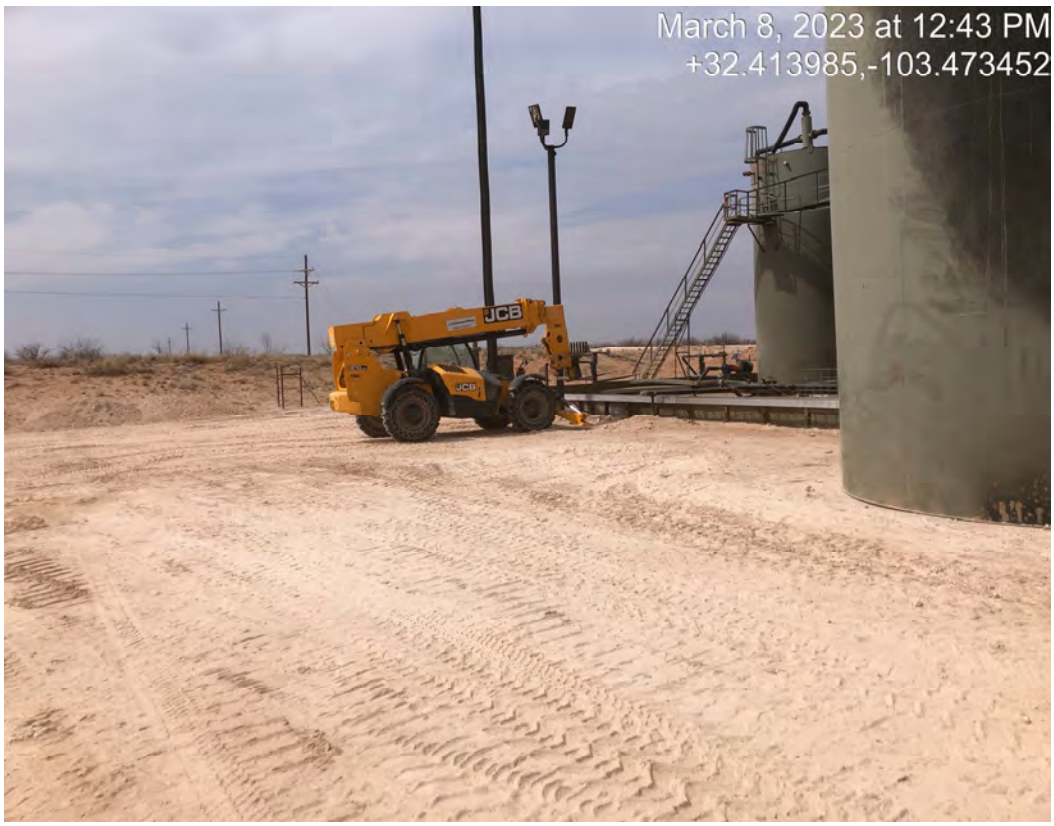
Photographic Log

Photo Number: 7 **Photo Direction:** North-Northwest **Photo Description:** View of the excavated area.	

Photo Number: 8 **Photo Direction:** North-Northwest **Photo Description:** View of the remediated area after backfill and regrading.	

Photographic Log

Photo Number: 9	
Photo Direction: Northwest	
Photo Description: View of the remediated area after backfill and regrading.	

Photo Number: 10	
Photo Direction: West-Northwest	
Photo Description: View of the remediated area after backfill and regrading.	

Appendix D
Laboratory Analytical Reports

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Lance Crenshaw

E Tech Environmental & Safety Solutions, Inc. [1]

13000 West County Road 100

Odessa, TX 79765

Project: Black Sheep 4-33 B30B Fed Com 1H Battery

Project Number: 17711

Location: 32.41418,-103.472888

Lab Order Number: 3C06013

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 03/08/23

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FL 15 @ 3'	3C06013-01	Soil	03/04/23 00:00	03-06-2023 12:08
FL 16 @ 3'	3C06013-02	Soil	03/04/23 00:00	03-06-2023 12:08
FL 17 @ 3'	3C06013-03	Soil	03/04/23 00:00	03-06-2023 12:08
FL 18 @ 3'	3C06013-04	Soil	03/04/23 00:00	03-06-2023 12:08
FL 19 @ 3'	3C06013-05	Soil	03/04/23 00:00	03-06-2023 12:08
FL 20 @ 3'	3C06013-06	Soil	03/04/23 00:00	03-06-2023 12:08
FL 21 @ 3'	3C06013-07	Soil	03/04/23 00:00	03-06-2023 12:08
FL 22 @ 3'	3C06013-08	Soil	03/04/23 00:00	03-06-2023 12:08
FL 23 @ 3'	3C06013-09	Soil	03/04/23 00:00	03-06-2023 12:08
FL 24 @ 3'	3C06013-10	Soil	03/04/23 00:00	03-06-2023 12:08
FL 25 @ 3'	3C06013-11	Soil	03/04/23 00:00	03-06-2023 12:08
FL 26 @ 3'	3C06013-12	Soil	03/04/23 00:00	03-06-2023 12:08
FL 27 @ 3'	3C06013-13	Soil	03/04/23 00:00	03-06-2023 12:08
FL 28 @ 3'	3C06013-14	Soil	03/04/23 00:00	03-06-2023 12:08
FL 29 @ 3'	3C06013-15	Soil	03/04/23 00:00	03-06-2023 12:08
FL 30 @ 3'	3C06013-16	Soil	03/04/23 00:00	03-06-2023 12:08
FL 31 @ 3'	3C06013-17	Soil	03/04/23 00:00	03-06-2023 12:08
FL 32 @ 3'	3C06013-18	Soil	03/04/23 00:00	03-06-2023 12:08
FL 33 @ 3'	3C06013-19	Soil	03/04/23 00:00	03-06-2023 12:08
FL 34 @ 3'	3C06013-20	Soil	03/04/23 00:00	03-06-2023 12:08
FL 35 @ 3'	3C06013-21	Soil	03/04/23 00:00	03-06-2023 12:08
FL 36 @ 3'	3C06013-22	Soil	03/04/23 00:00	03-06-2023 12:08
FL 37 @ 3'	3C06013-23	Soil	03/04/23 00:00	03-06-2023 12:08
FL 38 @ 3'	3C06013-24	Soil	03/04/23 00:00	03-06-2023 12:08
FL 39 @ 3'	3C06013-25	Soil	03/04/23 00:00	03-06-2023 12:08
EW1	3C06013-26	Soil	03/04/23 00:00	03-06-2023 12:08
EW2	3C06013-27	Soil	03/04/23 00:00	03-06-2023 12:08
EW3	3C06013-28	Soil	03/04/23 00:00	03-06-2023 12:08
SW2	3C06013-29	Soil	03/04/23 00:00	03-06-2023 12:08
SW3	3C06013-30	Soil	03/04/23 00:00	03-06-2023 12:08
NW3	3C06013-31	Soil	03/04/23 00:00	03-06-2023 12:08

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

FL 15 @ 3'

3C06013-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 17:10	EPA 8021B	
Toluene	**0.00389**	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 17:10	EPA 8021B	
Ethylbenzene	**0.00247**	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 17:10	EPA 8021B	
Xylene (p/m)	**0.00925**	0.00206	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 17:10	EPA 8021B	
Xylene (o)	**0.00254**	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 17:10	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*107 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 17:10*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.9 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 17:10*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 17:17	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 17:17	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 17:17	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.3 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/07/23 17:17*	*TPH 8015M*	
Surrogate: o-Terphenyl		*112 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/07/23 17:17*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/06/23 14:00	03/07/23 17:17	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**7.90**	1.03	mg/kg dry	1	P3C0608	03/06/23 15:00	03/06/23 18:23	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

FL 16 @ 3'

3C06013-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 17:32	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 17:32	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 17:32	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 17:32	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 17:32	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*97.6 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 17:32*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 17:32*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 17:41	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 17:41	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 17:41	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.3 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/07/23 17:41*	*TPH 8015M*	
Surrogate: o-Terphenyl		*116 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/07/23 17:41*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/06/23 14:00	03/07/23 17:41	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**47.7**	1.03	mg/kg dry	1	P3C0608	03/06/23 15:00	03/06/23 18:43	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

FL 17 @ 3'

3C06013-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 17:53	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 17:53	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 17:53	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 17:53	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 17:53	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 17:53*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.3 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 17:53*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 18:05	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 18:05	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 18:05	TPH 8015M	
Surrogate: 1-Chlorooctane		*94.5 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/07/23 18:05*	*TPH 8015M*	
Surrogate: o-Terphenyl		*115 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/07/23 18:05*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	03/06/23 14:00	03/07/23 18:05	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**8.29**	1.04	mg/kg dry	1	P3C0608	03/06/23 15:00	03/06/23 19:04	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

FL 18 @ 3'

3C06013-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 18:15	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 18:15	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 18:15	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 18:15	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 18:15	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 18:15*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.0 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 18:15*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 18:30	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 18:30	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 18:30	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.3 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/07/23 18:30*	*TPH 8015M*	
Surrogate: o-Terphenyl		*117 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/07/23 18:30*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/06/23 14:00	03/07/23 18:30	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**7.71**	1.03	mg/kg dry	1	P3C0608	03/06/23 15:00	03/06/23 19:24	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

FL 19 @ 3'

3C06013-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 18:36	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 18:36	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 18:36	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 18:36	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 18:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 18:36*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.8 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 18:36*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 18:54	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 18:54	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 18:54	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.5 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/07/23 18:54*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/07/23 18:54*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	03/06/23 14:00	03/07/23 18:54	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**8.99**	1.04	mg/kg dry	1	P3C0608	03/06/23 15:00	03/06/23 19:44	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

FL 20 @ 3'

3C06013-06 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 18:57	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 18:57	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 18:57	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 18:57	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 18:57	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 18:57*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.4 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 18:57*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 19:19	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 19:19	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 19:19	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.6 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/07/23 19:19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*116 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/07/23 19:19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/06/23 14:00	03/07/23 19:19	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**8.10**	1.03	mg/kg dry	1	P3C0608	03/06/23 15:00	03/06/23 20:05	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

FL 21 @ 3'

3C06013-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 19:18	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 19:18	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 19:18	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 19:18	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 19:18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 19:18*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.0 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 19:18*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 19:44	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 19:44	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 19:44	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.7 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/07/23 19:44*	*TPH 8015M*	
Surrogate: o-Terphenyl		*114 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/07/23 19:44*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/06/23 14:00	03/07/23 19:44	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**8.26**	1.03	mg/kg dry	1	P3C0608	03/06/23 15:00	03/06/23 20:25	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

FL 22 @ 3'

3C06013-08 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00111	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 20:23	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 20:23	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 20:23	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 20:23	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 20:23	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 20:23*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.8 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 20:23*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 20:10	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 20:10	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 20:10	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.6 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/07/23 20:10*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/07/23 20:10*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	03/06/23 14:00	03/07/23 20:10	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**10.6**	1.11	mg/kg dry	1	P3C0608	03/06/23 15:00	03/06/23 21:27	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

FL 23 @ 3'

3C06013-09 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00111	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 20:44	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 20:44	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 20:44	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 20:44	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 20:44	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 20:44*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.8 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 20:44*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 20:37	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 20:37	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 20:37	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.5 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/07/23 20:37*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/07/23 20:37*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	03/06/23 14:00	03/07/23 20:37	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**6.59**	1.11	mg/kg dry	1	P3C0608	03/06/23 15:00	03/06/23 22:29	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

FL 24 @ 3'

3C06013-10 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 21:06	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 21:06	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 21:06	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 21:06	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 21:06	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 21:06*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.2 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 21:06*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P3C0701	03/06/23 14:00	03/08/23 08:39	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P3C0701	03/06/23 14:00	03/08/23 08:39	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P3C0701	03/06/23 14:00	03/08/23 08:39	TPH 8015M	
Surrogate: 1-Chlorooctane		*94.6 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/08/23 08:39*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/08/23 08:39*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/06/23 14:00	03/08/23 08:39	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**46.4**	1.05	mg/kg dry	1	P3C0608	03/06/23 15:00	03/06/23 22:49	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

FL 25 @ 3'

3C06013-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 21:28	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 21:28	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 21:28	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 21:28	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 21:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 21:28*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.3 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 21:28*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 22:20	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 22:20	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 22:20	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.1 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/07/23 22:20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/07/23 22:20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/06/23 14:00	03/07/23 22:20	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**43.5**	1.06	mg/kg dry	1	P3C0608	03/06/23 15:00	03/06/23 23:10	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

FL 26 @ 3'

3C06013-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 21:49	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 21:49	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 21:49	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 21:49	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 21:49	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.3 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 21:49*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 21:49*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 22:47	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 22:47	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 22:47	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.6 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/07/23 22:47*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/07/23 22:47*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/06/23 14:00	03/07/23 22:47	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**18.8**	1.05	mg/kg dry	1	P3C0608	03/06/23 15:00	03/06/23 23:30	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

FL 27 @ 3'

3C06013-13 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 22:11	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 22:11	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 22:11	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 22:11	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 22:11	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.1 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 22:11*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 22:11*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 23:14	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 23:14	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 23:14	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.9 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/07/23 23:14*	*TPH 8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/07/23 23:14*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/06/23 14:00	03/07/23 23:14	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**135**	1.06	mg/kg dry	1	P3C0608	03/06/23 15:00	03/06/23 23:51	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

FL 28 @ 3'

3C06013-14 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 22:32	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 22:32	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 22:32	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 22:32	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 22:32	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.8 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 22:32*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 22:32*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 23:41	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 23:41	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/07/23 23:41	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.1 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/07/23 23:41*	*TPH 8015M*	
Surrogate: o-Terphenyl		*112 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/07/23 23:41*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/06/23 14:00	03/07/23 23:41	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**7.63**	1.03	mg/kg dry	1	P3C0608	03/06/23 15:00	03/07/23 00:11	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

FL 29 @ 3'

3C06013-15 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 22:54	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 22:54	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 22:54	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 22:54	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 22:54	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 22:54*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.7 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 22:54*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/08/23 00:08	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/08/23 00:08	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/08/23 00:08	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.3 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/08/23 00:08*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/08/23 00:08*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/06/23 14:00	03/08/23 00:08	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**8.31**	1.03	mg/kg dry	1	P3C0608	03/06/23 15:00	03/07/23 00:32	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

FL 30 @ 3'

3C06013-16 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 23:16	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 23:16	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 23:16	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 23:16	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 23:16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 23:16*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.6 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 23:16*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/08/23 00:35	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/08/23 00:35	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/08/23 00:35	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.5 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/08/23 00:35*	*TPH 8015M*	
Surrogate: o-Terphenyl		*114 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/08/23 00:35*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/06/23 14:00	03/08/23 00:35	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**8.05**	1.03	mg/kg dry	1	P3C0608	03/06/23 15:00	03/07/23 00:52	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

FL 31 @ 3'

3C06013-17 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 23:37	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 23:37	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 23:37	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 23:37	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P3C0601	03/06/23 10:48	03/06/23 23:37	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 23:37*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.9 %*	*80-120*		*P3C0601*	*03/06/23 10:48*	*03/06/23 23:37*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P3C0701	03/06/23 14:00	03/08/23 09:06	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P3C0701	03/06/23 14:00	03/08/23 09:06	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P3C0701	03/06/23 14:00	03/08/23 09:06	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.1 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/08/23 09:06*	*TPH 8015M*	
Surrogate: o-Terphenyl		*116 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/08/23 09:06*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/06/23 14:00	03/08/23 09:06	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**22.0**	1.06	mg/kg dry	1	P3C0608	03/06/23 15:00	03/07/23 01:13	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

FL 32 @ 3'

3C06013-18 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 02:30	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 02:30	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 02:30	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 02:30	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 02:30	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*97.6 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 02:30*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 02:30*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P3C0701	03/06/23 14:00	03/08/23 01:28	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P3C0701	03/06/23 14:00	03/08/23 01:28	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P3C0701	03/06/23 14:00	03/08/23 01:28	TPH 8015M	
Surrogate: 1-Chlorooctane		*94.3 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/08/23 01:28*	*TPH 8015M*	
Surrogate: o-Terphenyl		*112 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/08/23 01:28*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/06/23 14:00	03/08/23 01:28	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**8.96**	1.01	mg/kg dry	1	P3C0606	03/06/23 13:00	03/06/23 16:10	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

FL 33 @ 3'

3C06013-19 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 02:52	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 02:52	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 02:52	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 02:52	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 02:52	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 02:52*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.1 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 02:52*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/08/23 01:55	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/08/23 01:55	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P3C0701	03/06/23 14:00	03/08/23 01:55	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.1 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/08/23 01:55*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/08/23 01:55*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/06/23 14:00	03/08/23 01:55	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**6.03**	1.03	mg/kg dry	1	P3C0606	03/06/23 13:00	03/06/23 16:53	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

FL 34 @ 3'

3C06013-20 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 03:14	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 03:14	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 03:14	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 03:14	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 03:14	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*97.7 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 03:14*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 03:14*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P3C0701	03/06/23 14:00	03/08/23 02:23	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P3C0701	03/06/23 14:00	03/08/23 02:23	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P3C0701	03/06/23 14:00	03/08/23 02:23	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.1 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/08/23 02:23*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P3C0701*	*03/06/23 14:00*	*03/08/23 02:23*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	03/06/23 14:00	03/08/23 02:23	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**9.30**	1.08	mg/kg dry	1	P3C0606	03/06/23 13:00	03/06/23 17:07	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

FL 35 @ 3'

3C06013-21 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00109	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 03:35	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 03:35	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 03:35	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 03:35	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 03:35	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 03:35*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.5 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 03:35*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 06:27	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 06:27	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 06:27	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.6 %*	*70-130*		*P3C0702*	*03/06/23 14:00*	*03/08/23 06:27*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P3C0702*	*03/06/23 14:00*	*03/08/23 06:27*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	03/06/23 14:00	03/08/23 06:27	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**11.6**	1.09	mg/kg dry	1	P3C0606	03/06/23 13:00	03/06/23 17:21	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

FL 36 @ 3'

3C06013-22 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 03:57	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 03:57	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 03:57	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 03:57	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 03:57	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 03:57*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.7 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 03:57*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 06:53	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 06:53	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 06:53	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.3 %*	*70-130*		*P3C0702*	*03/06/23 14:00*	*03/08/23 06:53*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P3C0702*	*03/06/23 14:00*	*03/08/23 06:53*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/06/23 14:00	03/08/23 06:53	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**18.0**	1.05	mg/kg dry	1	P3C0606	03/06/23 13:00	03/06/23 17:36	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

FL 37 @ 3'

3C06013-23 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00110	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 04:18	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 04:18	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 04:18	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 04:18	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 04:18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*97.0 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 04:18*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 04:18*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 07:21	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 07:21	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 07:21	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.6 %*	*70-130*		*P3C0702*	*03/06/23 14:00*	*03/08/23 07:21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P3C0702*	*03/06/23 14:00*	*03/08/23 07:21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	03/06/23 14:00	03/08/23 07:21	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**17.1**	1.10	mg/kg dry	1	P3C0606	03/06/23 13:00	03/06/23 17:50	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

FL 38 @ 3'

3C06013-24 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 04:40	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 04:40	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 04:40	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 04:40	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 04:40	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 04:40*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.2 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 04:40*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 07:47	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 07:47	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 07:47	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.4 %*	*70-130*		*P3C0702*	*03/06/23 14:00*	*03/08/23 07:47*	*TPH 8015M*	
Surrogate: o-Terphenyl		*113 %*	*70-130*		*P3C0702*	*03/06/23 14:00*	*03/08/23 07:47*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	03/06/23 14:00	03/08/23 07:47	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**42.1**	1.08	mg/kg dry	1	P3C0606	03/06/23 13:00	03/06/23 18:04	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

FL 39 @ 3'

3C06013-25 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 05:02	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 05:02	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 05:02	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 05:02	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 05:02	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 05:02*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.8 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 05:02*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 10:01	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 10:01	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 10:01	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.4 %*	*70-130*		*P3C0702*	*03/06/23 14:00*	*03/08/23 10:01*	*TPH 8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*P3C0702*	*03/06/23 14:00*	*03/08/23 10:01*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	03/06/23 14:00	03/08/23 10:01	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**47.9**	1.04	mg/kg dry	1	P3C0606	03/06/23 13:00	03/06/23 18:19	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

EW1

3C06013-26 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 05:23	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 05:23	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 05:23	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 05:23	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 05:23	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 05:23*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.3 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 05:23*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 10:28	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 10:28	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 10:28	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.6 %*	*70-130*		*P3C0702*	*03/06/23 14:00*	*03/08/23 10:28*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P3C0702*	*03/06/23 14:00*	*03/08/23 10:28*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/06/23 14:00	03/08/23 10:28	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**210**	1.05	mg/kg dry	1	P3C0606	03/06/23 13:00	03/06/23 18:33	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

EW2

3C06013-27 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 05:45	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 05:45	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 05:45	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 05:45	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 05:45	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*97.8 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 05:45*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 05:45*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 10:55	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 10:55	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 10:55	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.0 %*	*70-130*		*P3C0702*	*03/06/23 14:00*	*03/08/23 10:55*	*TPH 8015M*	
Surrogate: o-Terphenyl		*116 %*	*70-130*		*P3C0702*	*03/06/23 14:00*	*03/08/23 10:55*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	03/06/23 14:00	03/08/23 10:55	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**7.98**	1.04	mg/kg dry	1	P3C0606	03/06/23 13:00	03/06/23 18:47	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

EW3

3C06013-28 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 06:50	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 06:50	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 06:50	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 06:50	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 06:50	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.1 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 06:50*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 06:50*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 11:23	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 11:23	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 11:23	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.1 %*	*70-130*		*P3C0702*	*03/06/23 14:00*	*03/08/23 11:23*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P3C0702*	*03/06/23 14:00*	*03/08/23 11:23*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	03/06/23 14:00	03/08/23 11:23	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**22.4**	1.04	mg/kg dry	1	P3C0606	03/06/23 13:00	03/06/23 19:30	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

SW2

3C06013-29 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 07:12	EPA 8021B	
Toluene	**0.00203**	0.00105	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 07:12	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 07:12	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 07:12	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 07:12	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.6 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 07:12*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 07:12*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 11:49	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 11:49	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 11:49	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.2 %*	*70-130*		*P3C0702*	*03/06/23 14:00*	*03/08/23 11:49*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P3C0702*	*03/06/23 14:00*	*03/08/23 11:49*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/06/23 14:00	03/08/23 11:49	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2.77**	1.05	mg/kg dry	1	P3C0606	03/06/23 13:00	03/06/23 20:13	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

SW3

3C06013-30 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 07:33	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 07:33	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 07:33	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 07:33	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 07:33	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.0 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 07:33*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 07:33*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 12:16	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 12:16	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 12:16	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.4 %*	*70-130*		*P3C0702*	*03/06/23 14:00*	*03/08/23 12:16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P3C0702*	*03/06/23 14:00*	*03/08/23 12:16*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/06/23 14:00	03/08/23 12:16	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3.26**	1.03	mg/kg dry	1	P3C0606	03/06/23 13:00	03/06/23 20:27	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

NW3

3C06013-31 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 07:55	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 07:55	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 07:55	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 07:55	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P3C0602	03/06/23 10:58	03/07/23 07:55	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 07:55*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.1 %*	*80-120*		*P3C0602*	*03/06/23 10:58*	*03/07/23 07:55*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 13:38	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 13:38	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P3C0702	03/06/23 14:00	03/08/23 13:38	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.4 %*	*70-130*		*P3C0702*	*03/06/23 14:00*	*03/08/23 13:38*	*TPH 8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*P3C0702*	*03/06/23 14:00*	*03/08/23 13:38*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	03/06/23 14:00	03/08/23 13:38	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**4.98**	1.04	mg/kg dry	1	P3C0606	03/06/23 13:00	03/06/23 20:42	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P3C0703	03/07/23 09:19	03/07/23 09:21	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C0601 - * DEFAULT PREP *** **										
Blank (P3C0601-BLK1)				Prepared & Analyzed: 03/06/23						
Benzene	ND	0.00100	mg/kg							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*96.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*99.7*	*80-120*			
LCS (P3C0601-BS1)				Prepared & Analyzed: 03/06/23						
Benzene	0.0905	0.00100	mg/kg	0.100		90.5	80-120			
Toluene	0.0882	0.00100	"	0.100		88.2	80-120			
Ethylbenzene	0.0914	0.00100	"	0.100		91.4	80-120			
Xylene (p/m)	0.160	0.00200	"	0.200		80.2	80-120			
Xylene (o)	0.0846	0.00100	"	0.100		84.6	80-120			
Surrogate: 1,4-Difluorobenzene	*0.121*		*"*	*0.120*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.129*		*"*	*0.120*		*107*	*80-120*			
LCS Dup (P3C0601-BSD1)				Prepared & Analyzed: 03/06/23						
Benzene	0.0992	0.00100	mg/kg	0.100		99.2	80-120	9.15	20	
Toluene	0.0980	0.00100	"	0.100		98.0	80-120	10.6	20	
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120	10.5	20	
Xylene (p/m)	0.177	0.00200	"	0.200		88.4	80-120	9.73	20	
Xylene (o)	0.0937	0.00100	"	0.100		93.7	80-120	10.2	20	
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.126*		*"*	*0.120*		*105*	*80-120*			
Calibration Blank (P3C0601-CCB1)				Prepared & Analyzed: 03/06/23						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.120		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*96.9*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*100*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C0601 - * DEFAULT PREP *** **										
Calibration Blank (P3C0601-CCB2)				Prepared & Analyzed: 03/06/23						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.190		"							
Xylene (p/m)	0.230		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*95.3*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.121*		*"*	*0.120*		*101*	*80-120*			
Calibration Check (P3C0601-CCV1)				Prepared & Analyzed: 03/06/23						
Benzene	0.106	0.00100	mg/kg	0.100		106	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.188	0.00200	"	0.200		94.1	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.5*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.126*		*"*	*0.120*		*105*	*75-125*			
Calibration Check (P3C0601-CCV2)				Prepared & Analyzed: 03/06/23						
Benzene	0.101	0.00100	mg/kg	0.100		101	80-120			
Toluene	0.0976	0.00100	"	0.100		97.6	80-120			
Ethylbenzene	0.0949	0.00100	"	0.100		94.9	80-120			
Xylene (p/m)	0.173	0.00200	"	0.200		86.3	80-120			
Xylene (o)	0.0938	0.00100	"	0.100		93.8	80-120			
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*96.4*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.124*		*"*	*0.120*		*104*	*75-125*			
Calibration Check (P3C0601-CCV3)				Prepared: 03/06/23 Analyzed: 03/07/23						
Benzene	0.104	0.00100	mg/kg	0.100		104	80-120			
Toluene	0.100	0.00100	"	0.100		100	80-120			
Ethylbenzene	0.0967	0.00100	"	0.100		96.7	80-120			
Xylene (p/m)	0.174	0.00200	"	0.200		87.1	80-120			
Xylene (o)	0.0953	0.00100	"	0.100		95.3	80-120			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.2*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.126*		*"*	*0.120*		*105*	*75-125*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C0601 - * DEFAULT PREP *** **										
Matrix Spike (P3C0601-MS1)	**Source: 3C06013-01**			Prepared & Analyzed: 03/06/23						
Benzene	0.0769	0.00103	mg/kg dry	0.103	ND	74.6	80-120			QM-05
Toluene	0.0735	0.00103	"	0.103	0.00389	67.5	80-120			QM-05
Ethylbenzene	0.0745	0.00103	"	0.103	0.00247	69.8	80-120			QM-05
Xylene (p/m)	0.130	0.00206	"	0.206	0.00925	58.7	80-120			QM-05
Xylene (o)	0.0684	0.00103	"	0.103	0.00254	63.9	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	*0.133*		*"*	*0.124*		*107*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.121*		*"*	*0.124*		*97.6*	*80-120*			
Matrix Spike Dup (P3C0601-MSD1)	**Source: 3C06013-01**			Prepared: 03/06/23 Analyzed: 03/07/23						
Benzene	0.0879	0.00103	mg/kg dry	0.103	ND	85.3	80-120	13.3	20	
Toluene	0.0841	0.00103	"	0.103	0.00389	77.8	80-120	14.1	20	QM-05
Ethylbenzene	0.0856	0.00103	"	0.103	0.00247	80.6	80-120	14.4	20	
Xylene (p/m)	0.149	0.00206	"	0.206	0.00925	68.0	80-120	14.7	20	QM-05
Xylene (o)	0.0793	0.00103	"	0.103	0.00254	74.4	80-120	15.2	20	QM-05
Surrogate: 1,4-Difluorobenzene	*0.121*		*"*	*0.124*		*97.9*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.134*		*"*	*0.124*		*108*	*80-120*			
Batch P3C0602 - * DEFAULT PREP *** **										
Blank (P3C0602-BLK1)				Prepared: 03/06/23 Analyzed: 03/07/23						
Benzene	ND	0.00100	mg/kg							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.121*		*"*	*0.120*		*101*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*96.2*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C0602 - * DEFAULT PREP *** **										
LCS (P3C0602-BS1)				Prepared: 03/06/23 Analyzed: 03/07/23						
Benzene	0.106	0.00100	mg/kg	0.100		106	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120			
Xylene (p/m)	0.182	0.00200	"	0.200		90.8	80-120			
Xylene (o)	0.0981	0.00100	"	0.100		98.1	80-120			
Surrogate: 4-Bromofluorobenzene	*0.128*		*"*	*0.120*		*106*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*96.8*	*80-120*			
LCS Dup (P3C0602-BSD1)				Prepared: 03/06/23 Analyzed: 03/07/23						
Benzene	0.100	0.00100	mg/kg	0.100		100	80-120	5.82	20	
Toluene	0.0964	0.00100	"	0.100		96.4	80-120	6.79	20	
Ethylbenzene	0.0983	0.00100	"	0.100		98.3	80-120	7.17	20	
Xylene (p/m)	0.170	0.00200	"	0.200		85.0	80-120	6.58	20	
Xylene (o)	0.0918	0.00100	"	0.100		91.8	80-120	6.58	20	
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*97.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.127*		*"*	*0.120*		*106*	*80-120*			
Calibration Blank (P3C0602-CCB1)				Prepared: 03/06/23 Analyzed: 03/07/23						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.130		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.121*		*"*	*0.120*		*101*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*95.8*	*80-120*			
Calibration Blank (P3C0602-CCB2)				Prepared: 03/06/23 Analyzed: 03/07/23						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.130		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*97.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*99.6*	*80-120*			

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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C0602 - * DEFAULT PREP *** **										
Calibration Check (P3C0602-CCV1)				Prepared: 03/06/23 Analyzed: 03/07/23						
Benzene	0.104	0.00100	mg/kg	0.100		104	80-120			
Toluene	0.100	0.00100	"	0.100		100	80-120			
Ethylbenzene	0.0967	0.00100	"	0.100		96.7	80-120			
Xylene (p/m)	0.174	0.00200	"	0.200		87.1	80-120			
Xylene (o)	0.0953	0.00100	"	0.100		95.3	80-120			
Surrogate: 4-Bromofluorobenzene	*0.126*		"	*0.120*		*105*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.2*	*75-125*			
Calibration Check (P3C0602-CCV2)				Prepared: 03/06/23 Analyzed: 03/07/23						
Benzene	0.0978	0.00100	mg/kg	0.100		97.8	80-120			
Toluene	0.0934	0.00100	"	0.100		93.4	80-120			
Ethylbenzene	0.0902	0.00100	"	0.100		90.2	80-120			
Xylene (p/m)	0.162	0.00200	"	0.200		80.9	80-120			
Xylene (o)	0.0894	0.00100	"	0.100		89.4	80-120			
Surrogate: 4-Bromofluorobenzene	*0.126*		"	*0.120*		*105*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.3*	*75-125*			
Calibration Check (P3C0602-CCV3)				Prepared: 03/06/23 Analyzed: 03/07/23						
Benzene	0.0976	0.00100	mg/kg	0.100		97.6	80-120			
Toluene	0.0933	0.00100	"	0.100		93.3	80-120			
Ethylbenzene	0.0896	0.00100	"	0.100		89.6	80-120			
Xylene (p/m)	0.160	0.00200	"	0.200		80.2	80-120			
Xylene (o)	0.0889	0.00100	"	0.100		88.9	80-120			
Surrogate: 4-Bromofluorobenzene	*0.125*		"	*0.120*		*105*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.4*	*75-125*			
Matrix Spike (P3C0602-MS1)	**Source: 3C06013-18**			Prepared: 03/06/23 Analyzed: 03/07/23						
Benzene	0.0865	0.00101	mg/kg dry	0.101	ND	85.7	80-120			
Toluene	0.0819	0.00101	"	0.101	ND	81.1	80-120			
Ethylbenzene	0.0831	0.00101	"	0.101	ND	82.3	80-120			
Xylene (p/m)	0.144	0.00202	"	0.202	ND	71.1	80-120			QM-05
Xylene (o)	0.0763	0.00101	"	0.101	ND	75.5	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	*0.132*		"	*0.121*		*109*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.121*		"	*0.121*		*99.9*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
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BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C0602 - * DEFAULT PREP *** **										
Matrix Spike Dup (P3C0602-MSD1)	**Source: 3C06013-18**			Prepared: 03/06/23 Analyzed: 03/07/23						
Benzene	0.0875	0.00101	mg/kg dry	0.101	ND	86.6	80-120	1.09	20	
Toluene	0.0833	0.00101	"	0.101	ND	82.4	80-120	1.69	20	
Ethylbenzene	0.0844	0.00101	"	0.101	ND	83.5	80-120	1.48	20	
Xylene (p/m)	0.146	0.00202	"	0.202	ND	72.1	80-120	1.31	20	QM-05
Xylene (o)	0.0775	0.00101	"	0.101	ND	76.8	80-120	1.59	20	QM-05
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.121*		*99.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.131*		*"*	*0.121*		*108*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C0701 - TX 1005										
Blank (P3C0701-BLK1)				Prepared: 03/06/23 Analyzed: 03/07/23						
C6-C12	ND	25.0	mg/kg							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*95.1*		*"*	*100*		*95.1*	*70-130*			
Surrogate: o-Terphenyl	*54.7*		*"*	*50.0*		*109*	*70-130*			
LCS (P3C0701-BS1)				Prepared: 03/06/23 Analyzed: 03/07/23						
C6-C12	886	25.0	mg/kg	1000		88.6	75-125			
>C12-C28	936	25.0	"	1000		93.6	75-125			
Surrogate: 1-Chlorooctane	*119*		*"*	*100*		*119*	*70-130*			
Surrogate: o-Terphenyl	*57.7*		*"*	*50.0*		*115*	*70-130*			
LCS Dup (P3C0701-BSD1)				Prepared: 03/06/23 Analyzed: 03/07/23						
C6-C12	884	25.0	mg/kg	1000		88.4	75-125	0.252	20	
>C12-C28	933	25.0	"	1000		93.3	75-125	0.251	20	
Surrogate: 1-Chlorooctane	*118*		*"*	*100*		*118*	*70-130*			
Surrogate: o-Terphenyl	*55.7*		*"*	*50.0*		*111*	*70-130*			
Calibration Check (P3C0701-CCV1)				Prepared: 03/06/23 Analyzed: 03/07/23						
C6-C12	520	25.0	mg/kg	500		104	85-115			
>C12-C28	450	25.0	"	500		90.0	85-115			
Surrogate: 1-Chlorooctane	*115*		*"*	*100*		*115*	*70-130*			
Surrogate: o-Terphenyl	*57.2*		*"*	*50.0*		*114*	*70-130*			
Calibration Check (P3C0701-CCV2)				Prepared: 03/06/23 Analyzed: 03/07/23						
C6-C12	526	25.0	mg/kg	500		105	85-115			
>C12-C28	450	25.0	"	500		89.9	85-115			
Surrogate: 1-Chlorooctane	*116*		*"*	*100*		*116*	*70-130*			
Surrogate: o-Terphenyl	*57.0*		*"*	*50.0*		*114*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C0701 - TX 1005										
Matrix Spike (P3C0701-MS1)	**Source: 3C06013-20**			Prepared: 03/06/23 Analyzed: 03/08/23						
C6-C12	866	26.9	mg/kg dry	1080	19.0	78.8	75-125			
>C12-C28	905	26.9	"	1080	13.5	82.9	75-125			
Surrogate: 1-Chlorooctane	*120*		*"*	*108*		*111*	*70-130*			
Surrogate: o-Terphenyl	*60.8*		*"*	*53.8*		*113*	*70-130*			
Matrix Spike Dup (P3C0701-MSD1)	**Source: 3C06013-20**			Prepared: 03/06/23 Analyzed: 03/08/23						
C6-C12	843	26.9	mg/kg dry	1080	19.0	76.6	75-125	2.85	20	
>C12-C28	895	26.9	"	1080	13.5	82.0	75-125	1.16	20	
Surrogate: 1-Chlorooctane	*116*		*"*	*108*		*108*	*70-130*			
Surrogate: o-Terphenyl	*56.6*		*"*	*53.8*		*105*	*70-130*			
Batch P3C0702 - TX 1005										
Blank (P3C0702-BLK1)				Prepared: 03/06/23 Analyzed: 03/08/23						
C6-C12	ND	25.0	mg/kg							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*91.8*		*"*	*100*		*91.8*	*70-130*			
Surrogate: o-Terphenyl	*52.5*		*"*	*50.0*		*105*	*70-130*			
LCS (P3C0702-BS1)				Prepared: 03/06/23 Analyzed: 03/08/23						
C6-C12	890	25.0	mg/kg	1000		89.0	75-125			
>C12-C28	933	25.0	"	1000		93.3	75-125			
Surrogate: 1-Chlorooctane	*120*		*"*	*100*		*120*	*70-130*			
Surrogate: o-Terphenyl	*58.7*		*"*	*50.0*		*117*	*70-130*			
LCS Dup (P3C0702-BSD1)				Prepared: 03/06/23 Analyzed: 03/08/23						
C6-C12	866	25.0	mg/kg	1000		86.6	75-125	2.66	20	
>C12-C28	896	25.0	"	1000		89.6	75-125	4.01	20	
Surrogate: 1-Chlorooctane	*117*		*"*	*100*		*117*	*70-130*			
Surrogate: o-Terphenyl	*55.1*		*"*	*50.0*		*110*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C0702 - TX 1005										
Calibration Check (P3C0702-CCV1)				Prepared: 03/06/23 Analyzed: 03/08/23						
C6-C12	527	25.0	mg/kg	500		105	85-115			
>C12-C28	453	25.0	"	500		90.6	85-115			
Surrogate: 1-Chlorooctane	*115*		*"*	*100*		*115*	*70-130*			
Surrogate: o-Terphenyl	*56.2*		*"*	*50.0*		*112*	*70-130*			
Calibration Check (P3C0702-CCV2)				Prepared: 03/06/23 Analyzed: 03/08/23						
C6-C12	508	25.0	mg/kg	500		102	85-115			
>C12-C28	452	25.0	"	500		90.3	85-115			
Surrogate: 1-Chlorooctane	*116*		*"*	*100*		*116*	*70-130*			
Surrogate: o-Terphenyl	*57.4*		*"*	*50.0*		*115*	*70-130*			
Matrix Spike (P3C0702-MS1)	**Source: 3C06013-31**			Prepared: 03/06/23 Analyzed: 03/08/23						
C6-C12	859	26.0	mg/kg dry	1040	ND	82.5	75-125			
>C12-C28	881	26.0	"	1040	11.1	83.5	75-125			
Surrogate: 1-Chlorooctane	*119*		*"*	*104*		*115*	*70-130*			
Surrogate: o-Terphenyl	*59.9*		*"*	*52.1*		*115*	*70-130*			
Matrix Spike Dup (P3C0702-MSD1)	**Source: 3C06013-31**			Prepared: 03/06/23 Analyzed: 03/08/23						
C6-C12	840	26.0	mg/kg dry	1040	ND	80.6	75-125	2.31	20	
>C12-C28	869	26.0	"	1040	11.1	82.3	75-125	1.43	20	
Surrogate: 1-Chlorooctane	*117*		*"*	*104*		*112*	*70-130*			
Surrogate: o-Terphenyl	*59.1*		*"*	*52.1*		*114*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C0606 - * DEFAULT PREP *** **										
LCS (P3C0606-BS1)				Prepared & Analyzed: 03/06/23						
Chloride	20.7		mg/kg	20.0		103	90-110			
LCS Dup (P3C0606-BSD1)				Prepared & Analyzed: 03/06/23						
Chloride	20.6		mg/kg	20.0		103	90-110	0.364	10	
Calibration Check (P3C0606-CCV2)				Prepared & Analyzed: 03/06/23						
Chloride	20.8		mg/kg	20.0		104	90-110			
Calibration Check (P3C0606-CCV3)				Prepared & Analyzed: 03/06/23						
Chloride	21.3		mg/kg	20.0		107	90-110			
Matrix Spike (P3C0606-MS1)		**Source: 3C06013-18**		Prepared & Analyzed: 03/06/23						
Chloride	29.9	1.01	mg/kg dry	25.3	8.96	83.0	80-120			
Matrix Spike (P3C0606-MS2)		**Source: 3C06013-28**		Prepared & Analyzed: 03/06/23						
Chloride	58.0	1.04	mg/kg dry	26.0	22.4	137	80-120			QM-05
Matrix Spike Dup (P3C0606-MSD1)		**Source: 3C06013-18**		Prepared & Analyzed: 03/06/23						
Chloride	30.7	1.01	mg/kg dry	25.3	8.96	86.2	80-120	2.66	20	
Matrix Spike Dup (P3C0606-MSD2)		**Source: 3C06013-28**		Prepared & Analyzed: 03/06/23						
Chloride	61.6	1.04	mg/kg dry	26.0	22.4	151	80-120	6.15	20	QM-05
Batch P3C0608 - * DEFAULT PREP *** **										
LCS (P3C0608-BS1)				Prepared: 03/06/23 Analyzed: 03/07/23						
Chloride	19.1		mg/kg	20.0		95.4	90-110			

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Odessa TX, 79765	Project Manager: Lance Crenshaw

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C0608 - * DEFAULT PREP *** **										
LCS Dup (P3C0608-BSD1)				Prepared: 03/06/23 Analyzed: 03/07/23						
Chloride	19.2		mg/kg	20.0		96.1	90-110	0.778	10	
Calibration Check (P3C0608-CCV1)				Prepared & Analyzed: 03/06/23						
Chloride	20.2		mg/kg	20.0		101	90-110			
Calibration Check (P3C0608-CCV2)				Prepared & Analyzed: 03/06/23						
Chloride	20.3		mg/kg	20.0		102	90-110			
Calibration Check (P3C0608-CCV3)				Prepared: 03/06/23 Analyzed: 03/07/23						
Chloride	20.5		mg/kg	20.0		102	90-110			
Matrix Spike (P3C0608-MS1)		**Source: 3B21014-10**		Prepared & Analyzed: 03/06/23						
Chloride	45.4	1.08	mg/kg dry	26.9	31.7	51.1	80-120			QM-05
Matrix Spike (P3C0608-MS2)		**Source: 3C06013-08**		Prepared & Analyzed: 03/06/23						
Chloride	30.3	1.11	mg/kg dry	27.8	10.6	70.8	80-120			QM-05
Matrix Spike Dup (P3C0608-MSD1)		**Source: 3B21014-10**		Prepared & Analyzed: 03/06/23						
Chloride	54.0	1.08	mg/kg dry	26.9	31.7	83.1	80-120	17.3	20	QM-05
Matrix Spike Dup (P3C0608-MSD2)		**Source: 3C06013-08**		Prepared & Analyzed: 03/06/23						
Chloride	27.8	1.11	mg/kg dry	27.8	10.6	61.6	80-120	8.80	20	QM-05
Batch P3C0703 - * DEFAULT PREP *** **										
Blank (P3C0703-BLK1)				Prepared & Analyzed: 03/07/23						
% Moisture	ND	0.1	%							

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C0703 - * DEFAULT PREP *** **										
Duplicate (P3C0703-DUP1)		**Source: 3C06009-07**		Prepared & Analyzed: 03/07/23						
% Moisture	6.0	0.1	%		5.0			18.2	20	
Duplicate (P3C0703-DUP2)		**Source: 3C06009-17**		Prepared & Analyzed: 03/07/23						
% Moisture	7.0	0.1	%		6.0			15.4	20	
Duplicate (P3C0703-DUP3)		**Source: 3C06009-32**		Prepared & Analyzed: 03/07/23						
% Moisture	5.0	0.1	%		5.0			0.00	20	
Duplicate (P3C0703-DUP4)		**Source: 3C06013-04**		Prepared & Analyzed: 03/07/23						
% Moisture	4.0	0.1	%		3.0			28.6	20	R
Duplicate (P3C0703-DUP5)		**Source: 3C06013-19**		Prepared & Analyzed: 03/07/23						
% Moisture	3.0	0.1	%		3.0			0.00	20	
Duplicate (P3C0703-DUP6)		**Source: 3C06013-29**		Prepared & Analyzed: 03/07/23						
% Moisture	4.0	0.1	%		5.0			22.2	20	R

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

Notes and Definitions

ROI	Received on Ice
R	The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
NPBEL C(	Chain of Custody was not generated at PBELAB
BULK	Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 3/8/2023

Brent Barron, Laboratory Director/Technical Director

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Black Sheep 4-33 B30B Fed Com 1H Battery
13000 West County Road 100	Project Number: 17711
Odessa TX, 79765	Project Manager: Lance Crenshaw

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin Hwy
Midland, Texas 79701

Phone: 432-686-7235

Project Manager: Lance Crenshaw

Company Name: Etech Environmental & Safety Solutions, Inc.

Company Address: 2617 West Marland

City/State/Zip: Hobbs, NM 88240

Telephone No: (575) ~~264-9884~~ 631-2532

Fax No:

Sampler Signature:

e-mail: PM@etechenv.com, cwalker@mewbourne.com

Project Name: Black Sheep 4-33 B30B Fed Com 1H Ba

Project #: 17711

Project Loc: 32.41418, -103.472888

PO #:

Report Format: X Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 3C06013

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3 250 ml Poly	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None 1L Poly	NaOH/ZnAc	Matrix: DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	Analyze For: TPH by TX 1005 8015B 8015M	Chloride	BTEX by 8021B	Rush 24 48 72 (Please call)	Standard
1	FL 15 @ 3'			03/04/23			1	X									S		X	X	X	X	
2	FL 16 @ 3'			03/04/23			1	X									S		X	X	X	X	
3	FL 17 @ 3'			03/04/23			1	X									S		X	X	X	X	
4	FL 18 @ 3'			03/04/23			1	X									S		X	X	X	X	
5	FL 19 @ 3'			03/04/23			1	X									S		X	X	X	X	
6	FL 20 @ 3'			03/04/23			1	X									S		X	X	X	X	
7	FL 21 @ 3'			03/04/23			1	X									S		X	X	X	X	
8	FL 22 @ 3'			03/04/23			1	X									S		X	X	X	X	
9	FL 23 @ 3'			03/04/23			1	X									S		X	X	X	X	
10	FL 24 @ 3'			03/04/23			1	X									S		X	X	X	X	

Special Instructions:
Please email copy of COC to and results to PM@etechenv.com and cwalker@mewbourne.com.
RUSH SAMPLES ASAP

	Date	Time		Date	Time
Relinquished by:	3.6.23	1204	Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:	3.6.23	1204

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: °C
Adjusted: °C Factor CF0

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin Hwy
Midland, Texas 79701

Phone: 432-686-7235

Project Manager: Lance Crenshaw

Project Name: Black Sheep 4-33 B30B Fed Com 1H Ba

Company Name: Etech Environmental & Safety Solutions, Inc.

Project #: 17711

Company Address: 2617 West Marland

Project Loc: 32.41418, -103.472888

City/State/Zip: Hobbs, NM 88240

PO #:

Telephone No: (575) 264-9884 Fax No:

Report Format: X Standard ☐ TRRP ☐ NPDES

Sampler Signature:

e-mail: PM@etechenv.com, cwalker@mewbourne.com

(lab use only)

ORDER #: 3C06013

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO3 250 ml Poly	HCl	H2SO4	NaOH	Na2S2O3	None 1L Poly	NaOH/ZnAc	Matrix: DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	Analyze For: TPH by TX 1005 8015B 8015M	Chloride	BTEX by 8021B	Rush (24) 48 72 (Please call)	Standard
11	FL 25 @ 3'			03/04/23			1	X									S		X	X	X	X	
12	FL 26 @ 4'			03/04/23			1	X									S		X	X	X	X	
13	FL 27 @ 4'			03/04/23			1	X									S		X	X	X	X	
14	FL 28 @ 3'			03/04/23			1	X									S		X	X	X	X	
15	FL 29 @ 3'			03/04/23			1	X									S		X	X	X	X	
16	FL 30 @ 3'			03/04/23			1	X									S		X	X	X	X	
17	FL 31 @ 3'			03/04/23			1	X									S		X	X	X	X	
18	FL 32 @ 3'			03/04/23			1	X									S		X	X	X	X	
19	FL 33 @ 3'			03/04/23			1	X									S		X	X	X	X	
20	FL 34 @ 3'			03/04/23			1	X									S		X	X	X	X	

Special Instructions:
Please email copy of COC to and results to PM@etechenv.com and cwalker@mewbourne.com.
RUSH SAMPLES ASAP

Relinquished by:	Date	Time	Received by:	Date	Time
	3.6.23	1208			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
				3.6.23	1208

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: °C
Adjusted: 0.5 °C Factor CF0

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin Hwy
Midland, Texas 79701

Phone: 432-686-7235

Project Manager: Lance Crenshaw

Company Name: Etech Environmental & Safety Solutions, Inc.

Company Address: 2617 West Marland

City/State/Zip: Hobbs, NM 88240

Telephone No: (575) 264-9884 Fax No:

Sampler Signature:

Project Name: Black Sheep 4-33 B30B Fed Com 1H Ba

Project #: 17711

Project Loc: 32.41418, -103.472888

PO #:

Report Format: X Standard ☐ TRRP ☐ NPDES

e-mail: PM@etechenv.com, cwalker@mewbourne.com

(lab use only)
ORDER #: 3206013

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3 250 ml Poly	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None 1L Poly	NaOH/ZnAc	Matrix: DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	Analyze For: TPH by TX 1005 8015B 8015M	Chloride	BTEX by 8021B	Rush 24 48 72 (Please call)	Standard
21	FL 35 @ 3'			03/04/23			1	X									S		X	X	X	X	
22	FL 36 @ 3'			03/04/23			1	X									S		X	X	X	X	
23	FL 37 @ 3'			03/04/23			1	X									S		X	X	X	X	
24	FL 38 @ 3'			03/04/23			1	X									S		X	X	X	X	
25	FL 39 @ 3'			03/04/23			1	X									S		X	X	X	X	
26	EW1			03/04/23			1	X									S		X	X	X	X	
27	EW2			03/04/23			1	X									S		X	X	X	X	
28	EW3			03/04/23			1	X									S		X	X	X	X	
29	SW2			03/04/23			1	X									S		X	X	X	X	
30	SW3			03/04/23			1	X									S		X	X	X	X	

Special Instructions:
Please email copy of COC to and results to PM@etechenv.com and cwalker@mewbourne.com.
RUSH SAMPLES ASAP

Relinquished by:	Date 3623	Time 1204	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date 3623	Time 1208

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: °C
Adjusted: 0.5 °C Factor CF0

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin Hwy
Midland, Texas 79701

Phone: 432-686-7235

Project Manager: Lance Crenshaw

Company Name: Etech Environmental & Safety Solutions, Inc.

Company Address: 2617 West Marland

City/State/Zip: Hobbs, NM 88240

Telephone No: (575) 264-9884 Fax No:

Sampler Signature:

e-mail: PM@etechenv.com, cwalker@mewbourne.com

Project Name: Black Sheep 4-33 B30B Fed Com 1H Ba

Project #: 17711

Project Loc: 32.41418, -103.472888

PO #:

Report Format: X Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 3C06013

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3 250ml Poly	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None 1L Poly	NaOH/ZnAc	Matrix: DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	Analyze For: TPH by TX 1005 8015M	Chloride 8015B	BTEX by 8021B	Rush 24 48 72 (Please call)	Standard
31	NW3			03/04/23			1	X									S		X	X	X	X	

Special Instructions:
Please email copy of COC to and results to PM@etechenv.com and cwalker@mewbourne.com.
RUSH SAMPLES ASAP

	Date	Time	Received by:	Date	Time
Relinquished by:	3.6.23	1208			
Relinquished by:					
Relinquished by:			Received by:	3.6.23	1208

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: °C
Adjusted: 0.5 °C Factor CF 0

CARDINAL Laboratories

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

March 06, 2023

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BLACK SHEEP 4-33 B 30 B FED COM 1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/03/23 16:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	BLACK SHEEP 4-33 B 30 B FED COM 1H I	Sampling Condition:	Cool & Intact
Project Number:	17711	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - RURAL EUNICE		

Sample ID: WW1 (H230989-01)

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	03/06/2023	ND	2.00	99.9	2.00	0.155	
Toluene*	<0.050	0.050	03/06/2023	ND	1.99	99.6	2.00	0.0835	
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	1.96	97.9	2.00	0.596	
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.01	100	6.00	1.33	
Total BTEX	<0.300	0.300	03/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *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	**480**	16.0	03/06/2023	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	03/06/2023	ND	183	91.7	200	8.86	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	165	82.7	200	13.1	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

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

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	BLACK SHEEP 4-33 B 30 B FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17711	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - RURAL EUNICE		

Sample ID: FL 1 @ 3 (H230989-02)

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	03/06/2023	ND	2.00	99.9	2.00	0.155	
Toluene*	<0.050	0.050	03/06/2023	ND	1.99	99.6	2.00	0.0835	
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	1.96	97.9	2.00	0.596	
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.01	100	6.00	1.33	
Total BTEX	<0.300	0.300	03/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *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	**64.0**	16.0	03/06/2023	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	03/06/2023	ND	183	91.7	200	8.86	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	165	82.7	200	13.1	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

Surrogate: 1-Chlorooctane *79.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	BLACK SHEEP 4-33 B 30 B FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17711	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - RURAL EUNICE		

Sample ID: FL 2 @ 4 (H230989-03)

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	03/06/2023	ND	2.00	99.9	2.00	0.155	
Toluene*	<0.050	0.050	03/06/2023	ND	1.99	99.6	2.00	0.0835	
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	1.96	97.9	2.00	0.596	
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.01	100	6.00	1.33	
Total BTEX	<0.300	0.300	03/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *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	**80.0**	16.0	03/06/2023	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	03/06/2023	ND	183	91.7	200	8.86	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	165	82.7	200	13.1	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

Surrogate: 1-Chlorooctane *79.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	BLACK SHEEP 4-33 B 30 B FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17711	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - RURAL EUNICE		

Sample ID: FL 3 @ 4 (H230989-04)

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	03/06/2023	ND	2.00	99.9	2.00	0.155	
Toluene*	<0.050	0.050	03/06/2023	ND	1.99	99.6	2.00	0.0835	
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	1.96	97.9	2.00	0.596	
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.01	100	6.00	1.33	
Total BTEX	<0.300	0.300	03/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	**176**	16.0	03/06/2023	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	03/06/2023	ND	183	91.7	200	8.86	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	165	82.7	200	13.1	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

Surrogate: 1-Chlorooctane *79.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	BLACK SHEEP 4-33 B 30 B FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17711	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - RURAL EUNICE		

Sample ID: FL 4 @ 3 (H230989-05)

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	03/06/2023	ND	2.00	99.9	2.00	0.155	
Toluene*	<0.050	0.050	03/06/2023	ND	1.99	99.6	2.00	0.0835	
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	1.96	97.9	2.00	0.596	
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.01	100	6.00	1.33	
Total BTEX	<0.300	0.300	03/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *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	**208**	16.0	03/06/2023	ND	432	108	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	03/06/2023	ND	203	101	200	1.15	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	201	101	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

Surrogate: 1-Chlorooctane *85.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	BLACK SHEEP 4-33 B 30 B FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17711	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - RURAL EUNICE		

Sample ID: SW1 (H230989-06)

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	03/06/2023	ND	2.00	99.9	2.00	0.155	
Toluene*	<0.050	0.050	03/06/2023	ND	1.99	99.6	2.00	0.0835	
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	1.96	97.9	2.00	0.596	
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.01	100	6.00	1.33	
Total BTEX	<0.300	0.300	03/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *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	**64.0**	16.0	03/06/2023	ND	432	108	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	03/06/2023	ND	203	101	200	1.15	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	201	101	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

Surrogate: 1-Chlorooctane *87.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	BLACK SHEEP 4-33 B 30 B FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17711	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - RURAL EUNICE		

Sample ID: FL 5 @ 3 (H230989-07)

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	03/06/2023	ND	2.00	99.9	2.00	0.155	
Toluene*	<0.050	0.050	03/06/2023	ND	1.99	99.6	2.00	0.0835	
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	1.96	97.9	2.00	0.596	
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.01	100	6.00	1.33	
Total BTEX	<0.300	0.300	03/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *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	**208**	16.0	03/06/2023	ND	432	108	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	03/06/2023	ND	203	101	200	1.15	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	201	101	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

Surrogate: 1-Chlorooctane *91.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.0 %* *49.1-148*

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Received:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	BLACK SHEEP 4-33 B 30 B FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17711	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - RURAL EUNICE		

Sample ID: FL 6 @ 3 (H230989-08)

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	03/06/2023	ND	2.00	99.9	2.00	0.155	
Toluene*	<0.050	0.050	03/06/2023	ND	1.99	99.6	2.00	0.0835	
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	1.96	97.9	2.00	0.596	
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.01	100	6.00	1.33	
Total BTEX	<0.300	0.300	03/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	**128**	16.0	03/06/2023	ND	432	108	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	03/06/2023	ND	203	101	200	1.15	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	201	101	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

Surrogate: 1-Chlorooctane *95.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.6 %* *49.1-148*

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2617 W MARLAND
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Fax To:

Received:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	BLACK SHEEP 4-33 B 30 B FED COM 1H I	Sampling Condition:	Cool & Intact
Project Number:	17711	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - RURAL EUNICE		

Sample ID: FL 7 @ 3 (H230989-09)

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	03/06/2023	ND	2.00	99.9	2.00	0.155	
Toluene*	<0.050	0.050	03/06/2023	ND	1.99	99.6	2.00	0.0835	
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	1.96	97.9	2.00	0.596	
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.01	100	6.00	1.33	
Total BTEX	<0.300	0.300	03/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *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	**112**	16.0	03/06/2023	ND	432	108	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	03/06/2023	ND	203	101	200	1.15	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	201	101	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

Surrogate: 1-Chlorooctane *98.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.1 %* *49.1-148*

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Fax To:

Received:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	BLACK SHEEP 4-33 B 30 B FED COM 1H I	Sampling Condition:	Cool & Intact
Project Number:	17711	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - RURAL EUNICE		

Sample ID: FL 8 @ 3 (H230989-10)

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	03/06/2023	ND	2.00	99.9	2.00	0.155	
Toluene*	<0.050	0.050	03/06/2023	ND	1.99	99.6	2.00	0.0835	
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	1.96	97.9	2.00	0.596	
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.01	100	6.00	1.33	
Total BTEX	<0.300	0.300	03/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *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	03/06/2023	ND	432	108	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	03/06/2023	ND	215	107	200	13.1	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	215	108	200	9.15	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

Surrogate: 1-Chlorooctane *85.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.5 %* *49.1-148*

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Analytical Results For:

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	BLACK SHEEP 4-33 B 30 B FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17711	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - RURAL EUNICE		

Sample ID: FL 9 @ 3 (H230989-11)

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	03/06/2023	ND	2.00	99.9	2.00	0.155	
Toluene*	<0.050	0.050	03/06/2023	ND	1.99	99.6	2.00	0.0835	
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	1.96	97.9	2.00	0.596	
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.01	100	6.00	1.33	
Total BTEX	<0.300	0.300	03/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *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	**240**	16.0	03/06/2023	ND	432	108	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	03/06/2023	ND	215	107	200	13.1	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	215	108	200	9.15	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

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

Surrogate: 1-Chlorooctadecane *85.2 %* *49.1-148*

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2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	BLACK SHEEP 4-33 B 30 B FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17711	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - RURAL EUNICE		

Sample ID: FL 10 @ 3 (H230989-12)

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	03/06/2023	ND	2.00	99.9	2.00	0.155	
Toluene*	<0.050	0.050	03/06/2023	ND	1.99	99.6	2.00	0.0835	
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	1.96	97.9	2.00	0.596	
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.01	100	6.00	1.33	
Total BTEX	<0.300	0.300	03/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *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	03/06/2023	ND	432	108	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	03/06/2023	ND	215	107	200	13.1	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	215	108	200	9.15	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

Surrogate: 1-Chlorooctane *87.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.5 %* *49.1-148*

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2617 W MARLAND
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Fax To:

Received:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	BLACK SHEEP 4-33 B 30 B FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17711	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - RURAL EUNICE		

Sample ID: FL 11 @ 3 (H230989-13)

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	03/06/2023	ND	2.04	102	2.00	4.40	
Toluene*	<0.050	0.050	03/06/2023	ND	2.09	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	2.15	107	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.52	109	6.00	6.95	
Total BTEX	<0.300	0.300	03/06/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	03/06/2023	ND	432	108	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	03/06/2023	ND	215	107	200	13.1	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	215	108	200	9.15	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

Surrogate: 1-Chlorooctane *85.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.7 %* *49.1-148*

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Analytical Results For:

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Received:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	BLACK SHEEP 4-33 B 30 B FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17711	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - RURAL EUNICE		

Sample ID: FL 12 @ 3 (H230989-14)

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	03/06/2023	ND	2.04	102	2.00	4.40	
Toluene*	<0.050	0.050	03/06/2023	ND	2.09	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	2.15	107	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.52	109	6.00	6.95	
Total BTEX	<0.300	0.300	03/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *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	**176**	16.0	03/06/2023	ND	432	108	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	03/06/2023	ND	215	107	200	13.1	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	215	108	200	9.15	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

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

Surrogate: 1-Chlorooctadecane *98.5 %* *49.1-148*

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Received:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	BLACK SHEEP 4-33 B 30 B FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17711	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - RURAL EUNICE		

Sample ID: FL 14 @ 3 (H230989-15)

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	03/06/2023	ND	2.04	102	2.00	4.40	
Toluene*	<0.050	0.050	03/06/2023	ND	2.09	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	2.15	107	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.52	109	6.00	6.95	
Total BTEX	<0.300	0.300	03/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *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	**64.0**	16.0	03/06/2023	ND	432	108	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	03/06/2023	ND	193	96.4	200	2.85	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	191	95.6	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

Surrogate: 1-Chlorooctane *79.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.8 %* *49.1-148*

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Analytical Results For:

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	BLACK SHEEP 4-33 B 30 B FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17711	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - RURAL EUNICE		

Sample ID: FL 13 @ 4 1/2 (H230989-16)

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	03/06/2023	ND	2.04	102	2.00	4.40	
Toluene*	<0.050	0.050	03/06/2023	ND	2.09	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	2.15	107	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.52	109	6.00	6.95	
Total BTEX	<0.300	0.300	03/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	**32.0**	16.0	03/06/2023	ND	432	108	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	03/06/2023	ND	193	96.4	200	2.85	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	191	95.6	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

Surrogate: 1-Chlorooctane *77.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	BLACK SHEEP 4-33 B 30 B FED COM 1H I	Sampling Condition:	Cool & Intact
Project Number:	17711	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - RURAL EUNICE		

Sample ID: WW2 (H230989-17)

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	03/06/2023	ND	2.04	102	2.00	4.40	
Toluene*	<0.050	0.050	03/06/2023	ND	2.09	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	2.15	107	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.52	109	6.00	6.95	
Total BTEX	<0.300	0.300	03/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	**128**	16.0	03/06/2023	ND	432	108	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	03/06/2023	ND	193	96.4	200	2.85	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	191	95.6	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

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

Surrogate: 1-Chlorooctadecane *90.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	BLACK SHEEP 4-33 B 30 B FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17711	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - RURAL EUNICE		

Sample ID: NW1 (H230989-18)

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	03/06/2023	ND	2.04	102	2.00	4.40	
Toluene*	<0.050	0.050	03/06/2023	ND	2.09	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	2.15	107	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.52	109	6.00	6.95	
Total BTEX	<0.300	0.300	03/06/2023	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	03/06/2023	ND	432	108	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	03/06/2023	ND	179	89.4	200	0.561	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	203	101	200	4.49	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

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

Surrogate: 1-Chlorooctadecane *106 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	BLACK SHEEP 4-33 B 30 B FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17711	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - RURAL EUNICE		

Sample ID: NW2 (H230989-19)

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	03/06/2023	ND	2.04	102	2.00	4.40	
Toluene*	<0.050	0.050	03/06/2023	ND	2.09	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	2.15	107	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.52	109	6.00	6.95	
Total BTEX	<0.300	0.300	03/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *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	**112**	16.0	03/06/2023	ND	432	108	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	03/06/2023	ND	179	89.4	200	0.561	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	203	101	200	4.49	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

Surrogate: 1-Chlorooctane *79.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

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 W Marland	**Company**	Merbourn
City:	Hobbs **State:** NM **Zip:** 88240	**Attn:**	Jeff Broom
Phone #:	(575) 264-9884 **Fax #:**	**Address:**	4801 Big J Blvd
Project #:	17711 **Project Owner:** Merbourn	**City:**	Hobbs
Project Name:	Black Sheep 4-33 B3OB Fed Com 1H Battery	**State:**	NM **Zip:** 88240
Project Location:	Rural Eunice	**Phone #:**	
Sampler Name:	Dominic Casarez	**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)
H230989																	
1	WW1	C	1			✓					✓		3.3.23		✓	✓	✓
2	FL1@3	C	1			✓					✓				✓	✓	✓
3	FL2@4	C	1			✓					✓				✓	✓	✓
4	FL3@4	C	1			✓					✓				✓	✓	✓
5	FL4@3	C	1			✓					✓				✓	✓	✓
6	SW1	C	1			✓					✓				✓	✓	✓
7	FL5@3	C	1			✓					✓				✓	✓	✓
8	FL6@3	C	1			✓					✓				✓	✓	✓
9	FL7@3	C	1			✓					✓				✓	✓	✓
10	FL8@3	C	1			✓					✓				✓	✓	✓

Relinquished By:	**Date:** 3.3.23	**Received By:**	
	Time: 1615		
Relinquished By:	**Date:**	**Received By:**	
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other: 1.4: JC-0.0c 0.8: #113

Sample Condition Cool: ☑ Yes ☐ No Intact: ☐ Yes ☑ No

CHECKED BY: (Initials)

Phone Result:	☐ Yes	☐ No	**Add'l Phone #:**
Fax Result:	☐ Yes	☐ No	**Add'l Fax #:**

REMARKS: Rush Pleas ~~3days~~ 24hr.

Please email results and copy of CoC to pm@etechenv.com.

FORM-006
Revision 1.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

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 W Marland	**Company**	Mewbourn
City:	Hobbs **State:** NM **Zip:** 88240	**Attn:**	Jeff Brown
Phone #:	(575) 264-9884 **Fax #:**	**Address:**	4801 Bus. Blvd
Project #:	17711 **Project Owner:** Mewbourn	**City:**	Hobbs
Project Name:	Black Sheep 4-33 B3OB Fed com 1H	**State:** NM **Zip:** 88240	
Project Location:	Rural Eunice	**Phone #:**	
Sampler Name:	Dominic Casarez	**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)
H230989																	
DC11	FL9@3	C	1			✓					✓		3.3.23		✓	✓	✓
12	FL10@3	C	1			✓					✓				✓	✓	✓
13	FL11@3	C	1			✓					✓				✓	✓	✓
14	FL12@3	C	1			✓					✓				✓	✓	✓
15	FL14@3	C	1			✓					✓				✓	✓	✓
16	FL13@4'2	C	1			✓					✓				✓	✓	✓
17	WW2	C	1			✓					✓				✓	✓	✓
18	NW1	C	1			✓					✓				✓	✓	✓
19	NW2	C	1			✓					✓				✓	✓	✓

Relinquished By:	Date: 3.3.23	**Received By:**	
	Time: 1615		
Relinquished By:	Date:	**Received By:**	
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other: 1.4 ; C-0.6 ; 0.8 ; #113

Sample Condition		CHECKED BY: (Initials)
Cool	Intact	
☑ Yes ☐ No	☑ Yes ☐ No	SR

Phone Result: ☐ Yes ☐ No **Add'l Phone #:**
Fax Result: ☐ Yes ☐ No **Add'l Fax #:**
REMARKS:

Rush Pleas 3 Day
Please email results and copy of CoC to pm@etechenv.com. 24hr.

FORM-006
Revision 1.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Appendix E
Regulatory Correspondence

From: Lance Crenshaw
To: Enviro, OCD, EMNRD; Ben Arguijo; Connor Walker; Joel Lowry
Subject: Confirmation Sampling notification
Date: Friday, March 3, 2023 11:04:31 AM

This email serves as notice that Etech intends to collect excavation confirmation soil samples on March 6 from the following locations/reportable release sites:

Mewbourne Oil Co –Black Sheep 4-33 B33 0B Fed Com 1H Battery- nAPP2306235620

If you have any questions or need any additional information, please contact Lance Crenshaw by phone (575-631-2532) or email lance@etechenv.com.

Lance Crenshaw
Etech Environmental & Safety Solutions
575-631-2532

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 220750

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 220750
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	8/17/2023