

# Remediation Summary & Soil Closure Request

## Permian Resources Operating, LLC Pakse South Battery

Lea County, New Mexico  
Unit Letter "D", Section 24, Township 20 South, Range 32 East  
Latitude 32.563786° North, Longitude 103.726831° West  
NMOCD Reference No. nAPP2532232051

Prepared By:

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Lance Crenshaw



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### 1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Permian Resources Operating, LLC (Permian), has prepared this *Remediation Summary & Soil Closure Request* for the release site known as the Pakse South Battery (Site). Details of the release are summarized below:

#### Location of Release Source

Latitude: 32.563786° Longitude: -103.726831°

Provided GPS are in WGS84 format.

Site Name: <u>Pakse South Battery</u>	Site Type: <u>Tank Battery</u>
Date Release Discovered: <u>11/11/2025</u>	NMOCD Incident Number: <u>nAPP2532232051</u>

Unit Letter	Section	Township	Range	County
D	24	20S	32E	Lea

Surface Owner:  State  Federal  Tribal  Private (Name \_\_\_\_\_)

#### Nature and Volume of Release

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) <u>21.4</u>	Volume Recovered (bbls) <u>0</u>
	Is the concentration of dissolved chloride in the produced water > 10,000 mg/L?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released	Volume/Weight Recovered
Cause of Release: Equipment failure.		

#### Initial Response

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

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

## 2.0 SITE CHARACTERIZATION

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (bgs)?	Between 26 and 50 (ft.)
What method was used to determine the depth to groundwater?	Estimate or Other
Did the release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
What is the minimum distance between the closest lateral extents of the release and the following surface areas?	Between 1,000 (ft.) and ½ (mi.)
A continuously flowing watercourse or any other significant watercourse?	Between 500 and 1,000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution or church?	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Between ½ and 1 (mi.)
Any other fresh water well or spring?	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field?	Between 500 and 1,000 (ft.)
A wetland?	Between 1 and 5 (mi.)
A subsurface mine?	Between 500 and 1,000 (ft.)
A (non-karst) unstable area?	Medium
Categorize the risk of this well/site being in a karst geology.	Between 1 and 5 (mi.)
A 100-year floodplain?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Did the release impact areas not on an exploration, development, production or storage site?	

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

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

The Site is not located in any critical habitat; however, it is located in an isolated population area for the Lesser Prairie Chicken, is nearby potential habitats of the Scheer's Beehive Cactus and the Dunes Sage Brush Lizard. Additionally, the Site is in an area rated as Priority Level 3 under the Crucial Habitat Assessment Tool (CHAT), indicating a moderately high crucial habitat rank for species of concern. No wildlife or other sensitive species such as the Lesser Prairie Chicken, Scheer's Beehive Cactus, or Dunes Sage Brush Lizard were encountered during the course of remediation activities. Details regarding protected species and/or habitats are provided as Appendix E.

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

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

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standards*‡
Between 26 and 50 (ft.)	Chloride (Cl-)	EPA** 300.0 or SM4500 Cl B	600	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	100	100
	Gas Range Organics + Diesel Range Organics (GRO+DRO)	EPA SW-846 Method 8015M	N/A	N/A
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50

\* Measured in milligrams per kilogram (mg/kg)

\*\* Environmental Protection Agency

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

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

### 4.0 REMEDIATION ACTIVITIES SUMMARY

Requesting a remediation plan approval with this submission?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Have the lateral and vertical extents of contamination been fully delineated?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Was this release entirely contained within a lined containment area?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
On what estimated date will (or did) the remediation commence?	1/20/2026	
On what date will (or did) the final sampling or liner inspection occur?	1/22/2026	
On what date will (or was) the remediation complete(d)?	1/29/2026	
What is the total surface area (sq. ft.) in need of or that will <i>eventually</i> be reclaimed?	4,050	
What is the total volume (cy) in need of or that will <i>eventually</i> be reclaimed?	216	
What was the total surface area (sq. ft.) that has or will be remediated?	4,050	
What was the total volume (cy) that has or will be remediated?	216	
This remediation utilized the following processes to remediate/reduce contaminants:		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(In Situ) Soil Vapor Extraction	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(In Situ) Biological processing (i.e. Microbes/Fertilizer, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Ground Water Abatement pursuant to 19.15.30 NMAC	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Other (Non-listed remedial process)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Which OCD approved facility was or will be used for off-site disposal?	Lea Land, Inc.	
NMOCD Disposal Facility ID?	fEEM0112342028	
Summarize any additional remediation activities not included by answers above.	See below.	

On January 20, 2026, Etech commenced remediation activities at the Site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standards was excavated and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal. Olfactory/visual senses and/or a

chloride test kit were utilized to field-screen the horizontal and vertical extent of impacted soil and to guide the excavation. The sidewalls and floor of the excavation were advanced until field tests and field observations suggested that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards. Representative five-point composite confirmation soil samples were collected every 200 square feet from the sidewalls and floor of the excavated area to be submitted for laboratory analysis. A summary of soil sampling events is provided below:

Constituent	Highest Observable Concentration (mg/kg)	Sample ID	Sample Date	Sample Depth (feet bgs)	Soil Status
Chloride	385	FL 3 @ 4'	1/22/2026	4	In-Situ
TPH	Below MDL*	All submitted samples	1/22/2026	Various Depths	In-Situ
GRO+DRO	Below MDL*	All submitted samples	1/22/2026	Various Depths	In-Situ
BTEX	Below MDL*	All submitted samples	1/22/2026	Various Depths	In-Situ
Benzene	Below MDL*	All submitted samples	1/22/2026	Various Depths	In-Situ

\* Laboratory Method Detection Limit

Please reference Table 1 for additional information.

On January 22, 2026, Etech collected 22 confirmation soil samples (FL 1 @ 4' through FL 4 @ 4', FL 5 @ 3' through FL 16 @ 3', EW 1, EW 2, NW 1, NW 2, WW 1, and WW 2) from the floor and sidewalls of the excavated area. The soil samples were submitted to a certified, commercial laboratory ("the laboratory") for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples.

The final dimensions of the excavated area were approximately 10 to 130 feet in length, 12 to 60 feet in width, and three to four feet in depth. During the course of remediation activities, Etech transported approximately 216 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 228 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, "Sample Location Map". Soil chemistry data is summarized in Table 1. General photographs of the Site are provided in Appendix B. Laboratory analytical reports are provided in Appendix C. Copies of all regulatory correspondence are provided in Appendix F.

## 5.0 SOIL CLOSURE REQUEST

Requesting a deferral of remediation closure due date with the approval of this submission?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Requesting a remediation closure approval with this submission?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Have the lateral and vertical extents of contamination been fully delineated?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Was this release entirely contained within a lined containment area?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the site's existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
What was the total surface area (sq. ft.) remediated?	4,050	
What was the total volume (cy) remediated?	216	

Remediation activities were conducted in accordance with NMOCD regulatory guidelines. Impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standards was excavated and transported to an NMOCD-permitted

disposal facility. Laboratory analytical results from confirmation soil samples indicate that in-situ concentrations of BTEX, TPH, and chloride are below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards.

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

## 6.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste containing earthen material with concentrations of less than 600 mg/kg chloride, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg benzene?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Requesting a reclamation approval with this submission?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Requesting a restoration complete approval with this submission?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
What was the total surface area (in square feet) reclaimed?	4,050	
What was the total volume (in cubic yards) reclaimed?	216	

On July 3, 2025, in accordance with NMOCD requirements, a 5-point composite soil sample (Smith Ranch Pit) was collected from the soil pit to be used as the source for backfill material. The soil sample was submitted to the laboratory for analysis of BTEX, TPH, and chloride concentrations. Laboratory analytical results indicated that the BTEX, TPH, and chloride concentrations in the soil sample were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards and confirmed that the material was acceptable for use as backfill.

From January 29 through January 30, 2026, upon receiving laboratory analytical results from confirmation soil samples, the excavated area was backfilled with locally sourced, non-impacted "like" material placed at or near original relative positions. The affected areas were contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable.

Based on soil survey information, the reclaimed pasture area will be revegetated with a BLM #2 seed mix (or another agency and/or landowner-approved seed mix) certified to be free from noxious weeds during the first favorable growing season following reclamation activities. The seed will be installed at the prescribed rate utilizing either a seed drill or a broadcaster and harrow. Soil type information can be found in Appendix D.

## 7.0 LIMITATIONS

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

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

## **8.0 DISTRIBUTION**

***Permian Resources Operating, LLC***

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

***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

## Site Location Map



Legend  
 ● Site Location

**Figure 1**  
 Site Location Map  
 Permian Resources Operating, LLC  
 Pakse South Battery  
 GPS: 32.56379, -103.72683  
 Lea County, New Mexico



Drafted: mag

Checked: rlc

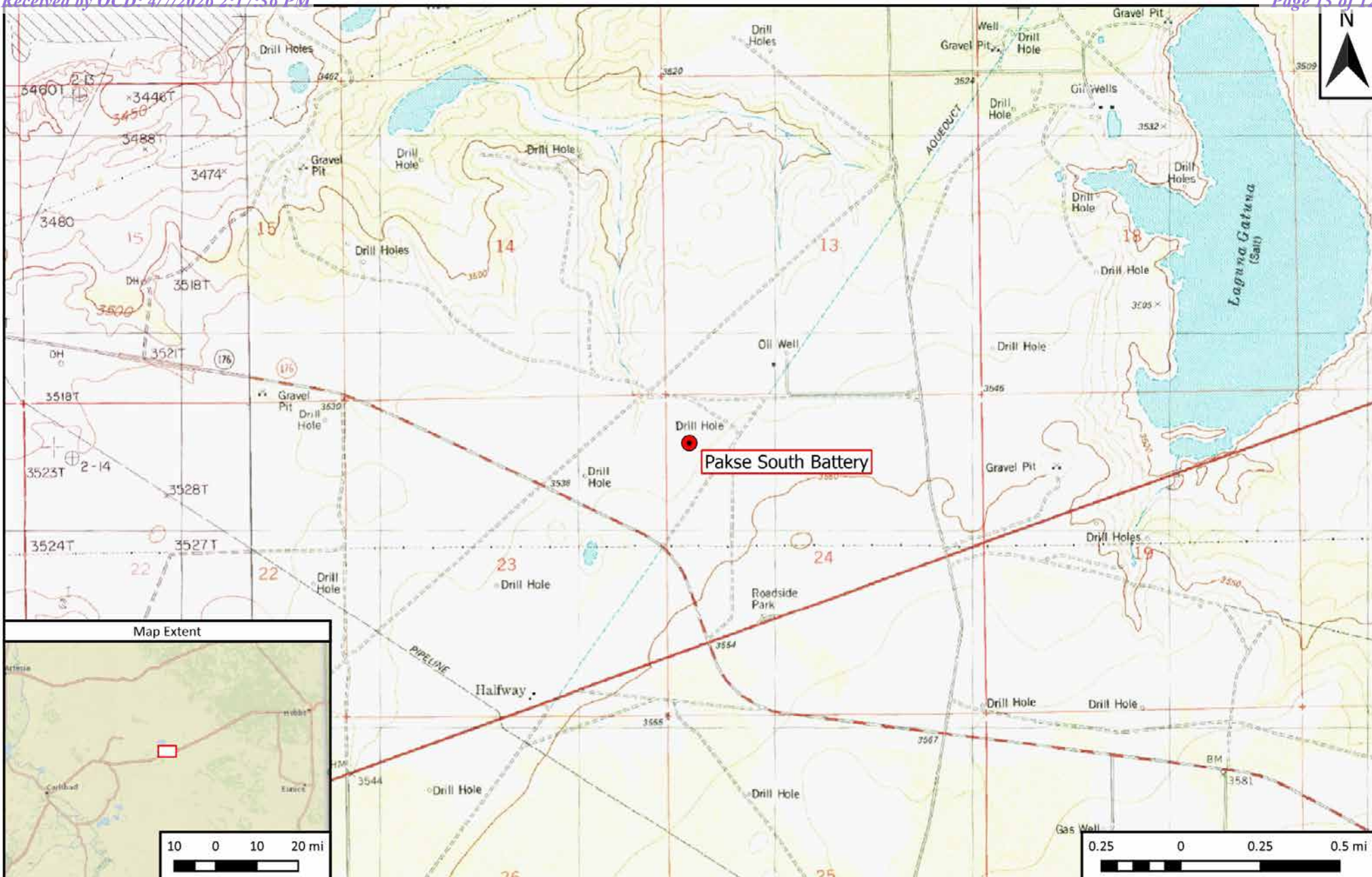
Date: 2026-03-16


## **Figures 2A, 2B, and 2C Site Characterization Maps**

**Figure 2A - Site Topographic Map**

**Figure 2B - Site Characterization Map (0.5 Mile Radius)**

**Figure 2C - Site Characterization Map (5 Mile Radius)**

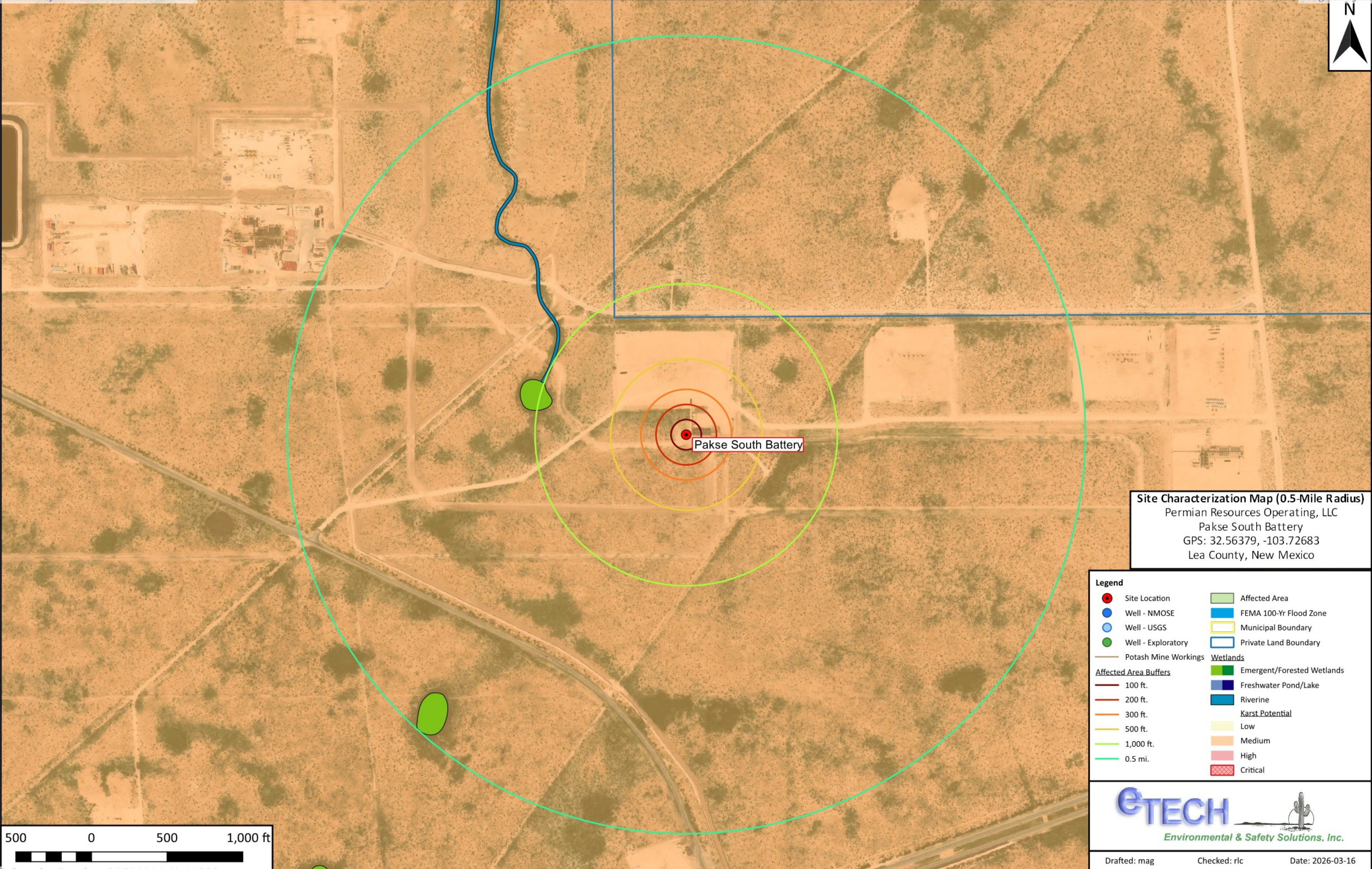


Legend  
 Site Location

**Site Topographic Map**  
 Permian Resources Operating, LLC  
 Pakse South Battery  
 GPS: 32.56379, -103.72683  
 Lea County, New Mexico

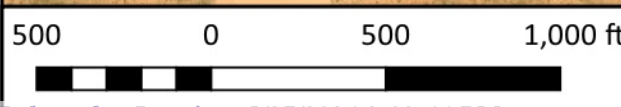


Drafted: mag      Checked: rlc      Date: 2026-03-16

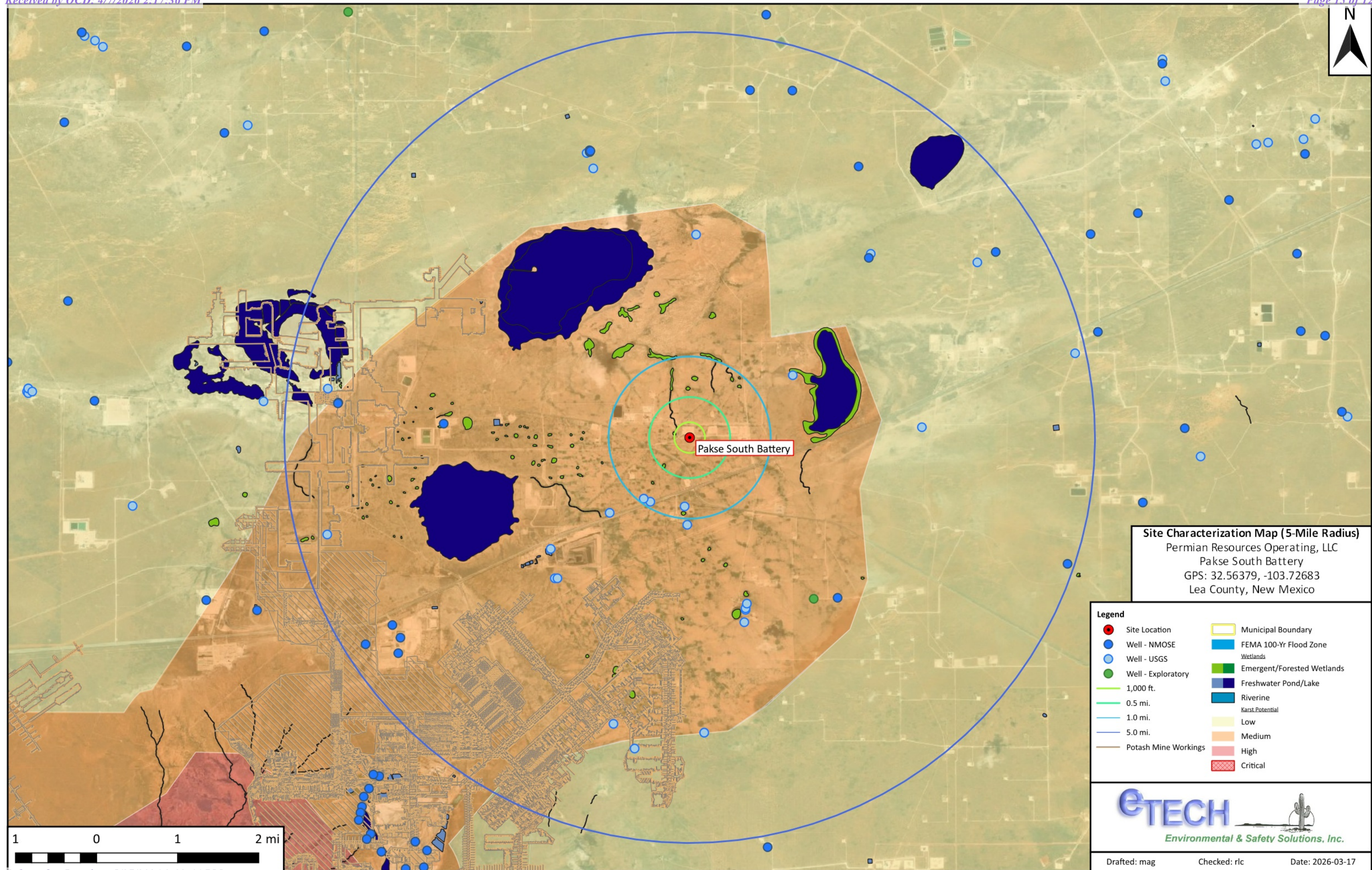


**Site Characterization Map (0.5-Mile Radius)**  
 Permian Resources Operating, LLC  
 Pakse South Battery  
 GPS: 32.56379, -103.72683  
 Lea County, New Mexico

Legend	
	Site Location
	Well - NMOSE
	Well - USGS
	Well - Exploratory
	Potash Mine Workings
	Affected Area
	FEMA 100-Yr Flood Zone
	Municipal Boundary
	Private Land Boundary
<b>Affected Area Buffers</b>	
	100 ft.
	200 ft.
	300 ft.
	500 ft.
	1,000 ft.
	0.5 mi.
<b>Wetlands</b>	
	Emergent/Forested Wetlands
	Freshwater Pond/Lake
	Riverine
<b>Karst Potential</b>	
	Low
	Medium
	High
	Critical



Drafted: mag      Checked: rlc      Date: 2026-03-16



**Site Characterization Map (5-Mile Radius)**  
Permian Resources Operating, LLC  
Pakse South Battery  
GPS: 32.56379, -103.72683  
Lea County, New Mexico

- Legend**
- Site Location
  - Well - NMOSE
  - Well - USGS
  - Well - Exploratory
  - 1,000 ft.
  - 0.5 mi.
  - 1.0 mi.
  - 5.0 mi.
  - Potash Mine Workings
  - Municipal Boundary
  - FEMA 100-Yr Flood Zone
  - Wetlands
  - Emergent/Forested Wetlands
  - Freshwater Pond/Lake
  - Riverine
  - Karst Potential
  - Low
  - Medium
  - High
  - Critical






Drafted: mag      Checked: rlc      Date: 2026-03-17

## **Figure 3**

### **Sample Location Map**



Legend

-  Floor Confirmation Sample
-  Wall Confirmation Sample
-  Excavation

**Figure 3**  
 Sample Location Map  
 Permian Resources Operating, LLC  
 Pakse South Battery  
 GPS: 32.56379, -103.72683  
 Lea County, New Mexico



Drafted: mag

Checked: jwl

Date: 2026-03-26

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

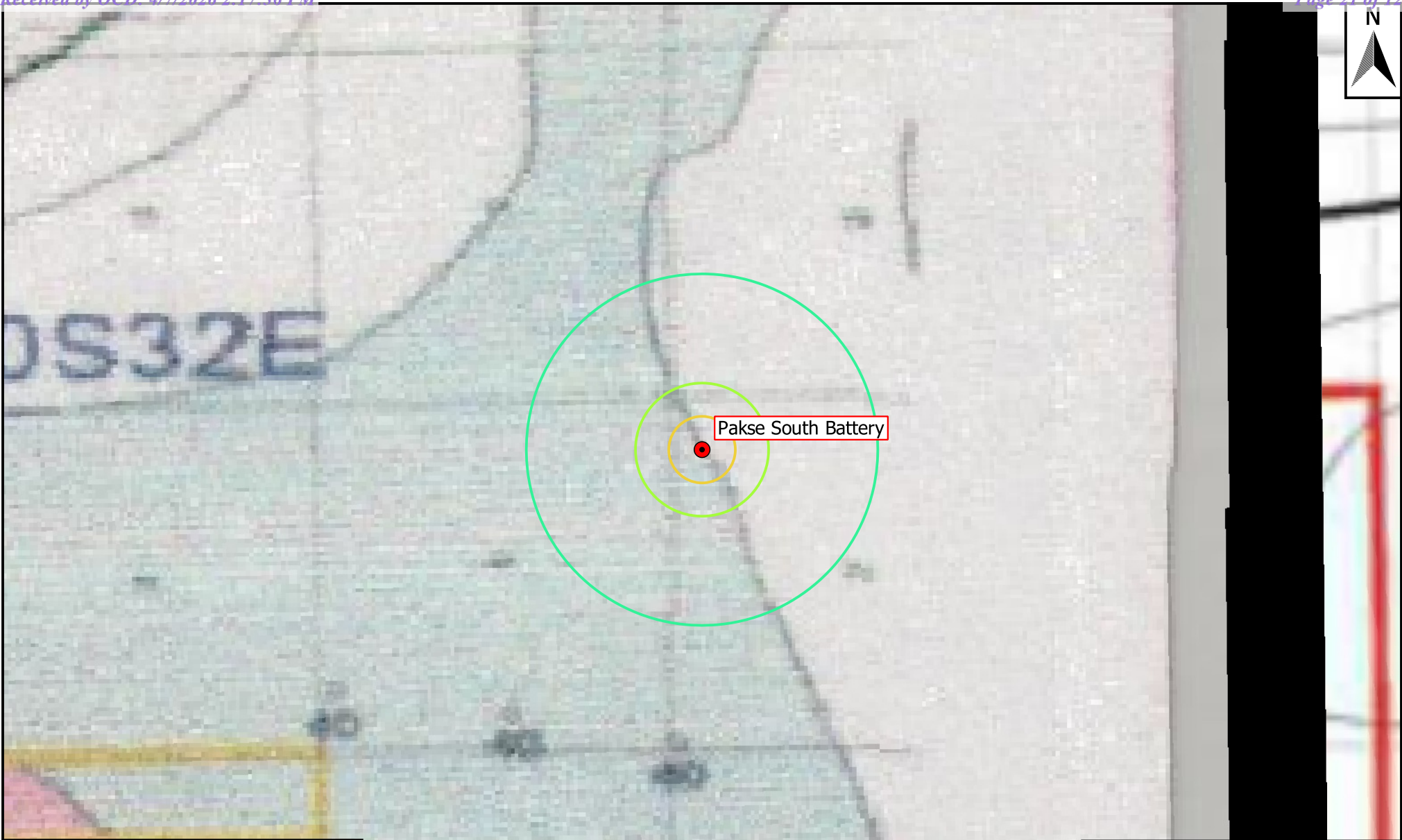
**Table 1**  
**Concentrations of BTEX, TPH, and Chloride in Soil**  
**Permian Resources Operating, LLC**  
**Pakse South Battery**  
**NMOCD Ref. #: nAPP2532232051**

NMOCD Closure Criteria				10	50	-	-	-	-	100	600
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
FL 1 @ 4'	1/22/2026	4	In-Situ	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	261
FL 2 @ 4'	1/22/2026	4	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	333
FL 3 @ 4'	1/22/2026	4	In-Situ	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	385
FL 4 @ 4'	1/22/2026	4	In-Situ	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	314
FL 5 @ 3'	1/22/2026	3	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	90.4
FL 6 @ 3'	1/22/2026	3	In-Situ	<0.00198	<0.00396	<50.2	<50.2	<50.2	<50.2	<50.2	83.4
FL 7 @ 3'	1/22/2026	3	In-Situ	<0.00201	<0.00402	<50.1	<50.1	<50.1	<50.1	<50.1	60.6
FL 8 @ 3'	1/22/2026	3	In-Situ	<0.00200	<0.00401	<49.8	<49.8	<49.8	<49.8	<49.8	26.6
FL 9 @ 3'	1/22/2026	3	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	19.9
FL 10 @ 3'	1/22/2026	3	In-Situ	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	336
FL 11 @ 3'	1/22/2026	3	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	276
FL 12 @ 3'	1/22/2026	3	In-Situ	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	72.0
FL 13 @ 3'	1/22/2026	3	In-Situ	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	67.3
FL 14 @ 3'	1/22/2026	3	In-Situ	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	71.6
FL 15 @ 3'	1/22/2026	3	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	61.1
FL 16 @ 3'	1/22/2026	3	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	31.9
EW 1	1/22/2026	0-4	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	77.7
EW 2	1/22/2026	0-3	In-Situ	<0.00198	<0.00396	<50.1	<50.1	<50.1	<50.1	<50.1	70.1
NW 1	1/22/2026	0-4	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	29.6
NW 2	1/22/2026	0-3	In-Situ	<0.00202	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	66.9
WW 1	1/22/2026	0-3	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	209
WW 2	1/22/2026	0-3	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	83.9
Smith Ranch Pit	7/3/2025	N/A	Backfill	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0

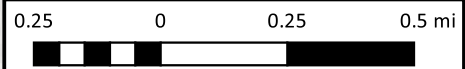
Dash (-): Sample not analyzed for that constituent.  
**Bold:** NMOCD Closure Criteria exceedance.  
**Red:** NMOCD Reclamation Standard exceedance.  
 Red Border with Shading: Highest observed concentration.

# **Appendix A**

## **Depth to Groundwater Information**



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



Legend	
<span style="color: red;">●</span> Active Site Locations	<span style="border: 1px solid lightgreen; display: inline-block; width: 15px; height: 10px;"></span> Affected Area
<span style="color: blue;">●</span> Well - NMOSE	<span style="border: 1px solid orange; display: inline-block; width: 15px; height: 10px;"></span> 500 ft.
<span style="color: lightblue;">●</span> Well - USGS	<span style="border: 1px solid green; display: inline-block; width: 15px; height: 10px;"></span> 1,000 ft.
<span style="color: green;">●</span> Well - Exploratory	<span style="border: 1px solid lightgreen; display: inline-block; width: 15px; height: 10px;"></span> 0.5 mi.

**Inferred Depth to Groundwater Map**  
 Permian Resources Operating, LLC  
 Pakse South Battery  
 GPS: 32.56379, -103.72683  
 Lea County, New Mexico


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

Drafted: mag
Checked: rlc
Date: 2026-03-18

# **Appendix B**


## **Photographic Log**


### Photographic Log

<b>Photo Number:</b> 1	
<b>Photo Direction:</b> North	
<b>GPS:</b> 32.56363, -103.72664	
<b>Date:</b> 11/11/2025	
<b>Photo Description:</b>  View of release area.	

<b>Photo Number:</b> 2	
<b>Photo Direction:</b> Northeast	
<b>GPS:</b> 32.56362, -103.72710	
<b>Date:</b> 11/11/2025	
<b>Photo Description:</b>  View of release area.	

### Photographic Log

<b>Photo Number:</b> 3	
<b>Photo Direction:</b> West	
<b>Photo Description:</b>  View of open excavation.	

<b>Photo Number:</b> 4	
<b>Photo Direction:</b> Northwest	
<b>Photo Description:</b>  View of open excavation.	

### Photographic Log

<b>Photo Number:</b> 5	 <p>Jan 21, 2026 at 9:52:21 AM +32.563792,-103.726516 259° W</p>
<b>Photo Direction:</b> West	
<b>Photo Description:</b>  View of open excavation.	

<b>Photo Number:</b> 6	 <p>Jan 30, 2026 at 10:29:35 AM +32.563710,-103.726849 73° E Altitude:1082.4meter Speed:5.4km/h Artesia state #002</p>
<b>Photo Direction:</b> East	
<b>Photo Description:</b>  View of remediated area after backfill and regrading.	

### Photographic Log

<b>Photo Number:</b> 7	 <p>Jan 30, 2026 at 10:29:14 AM +32.563772,-103.726622 326° NW Altitude:1084.4meter Speed:4.1km/h Artesia state #002</p>  <p>View of remediated area after backfill and regrading.</p> 
<b>Photo Direction:</b> Northwest	
<b>Photo Description:</b>	

<b>Photo Number:</b> 8	 <p>Jan 30, 2026 at 10:28:50 AM +32.563727,-103.726378 249° W Altitude:1081.5meter Speed:3.9km/h Artesia state #002</p>  <p>View of remediated area after backfill and regrading.</p> 
<b>Photo Direction:</b> West	
<b>Photo Description:</b>	

# Appendix C

## Laboratory Analytical Reports



Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

Attn: Joel Lowry  
 Etech Environmental & Safety Solutions  
 PO BOX 62228  
 Midland, Texas 79711

Generated 1/23/2026 12:38:36 PM

## JOB DESCRIPTION

Paske South Battery  
 23396

## JOB NUMBER

880-67371-1

Eurofins Midland  
 1211 W. Florida Ave  
 Midland TX 79701



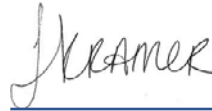
# Eurofins Midland

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



Generated  
1/23/2026 12:38:36 PM

Authorized for release by  
Jessica Kramer, Project Manager  
[Jessica.Kramer@et.eurofinsus.com](mailto:Jessica.Kramer@et.eurofinsus.com)  
(432)704-5440

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Client: Etech Environmental & Safety Solutions  
Project/Site: Paske South Battery

Laboratory Job ID: 880-67371-1  
SDG: 23396

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## Definitions/Glossary

Client: Etech Environmental & Safety Solutions  
Project/Site: Paske South Battery

Job ID: 880-67371-1  
SDG: 23396

## Qualifiers

## GC VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

## GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

## General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

## Case Narrative

Client: Etech Environmental & Safety Solutions  
Project: Paske South Battery

Job ID: 880-67371-1

**Job ID: 880-67371-1**

**Eurofins Midland**

### Job Narrative 880-67371-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

### Receipt

The samples were received on 1/22/2026 2:59 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -2.7°C.

### GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: FL 1 @ 4' (880-67371-1), FL 2 @ 4' (880-67371-2), FL 3 @ 4' (880-67371-3), FL 4 @ 4' (880-67371-4), FL 5 @ 3' (880-67371-5), FL 6 @ 3' (880-67371-6), FL 7 @ 3' (880-67371-7), FL 8 @ 3' (880-67371-8), FL 9 @ 3' (880-67371-9), FL 10 @ 3' (880-67371-10), FL 11 @ 3' (880-67371-11), FL 12 @ 3' (880-67371-12), FL 13 @ 3' (880-67371-13), FL 14 @ 3' (880-67371-14), FL 15 @ 3' (880-67371-15), FL 16 @ 3' (880-67371-16), NW 1 (880-67371-17), NW 2 (880-67371-18), EW 1 (880-67371-19), EW 2 (880-67371-20), (CCV 880-129598/20), (CCV 880-129598/33), (CCV 880-129598/51), (LCS 880-129774/1-A), (LCSD 880-129774/2-A), (880-67371-A-1-G MS) and (880-67371-A-1-H MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-129774 and analytical batch 880-129598 was outside the upper control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-129774 and analytical batch 880-129598 was outside control limits. Sample non-homogeneity is suspected.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-129633 and analytical batch 880-129598 was outside the upper control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-129743/2-A) and (LCSD 880-129743/3-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-129744/2-A) and (LCSD 880-129744/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-129744/1-A). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### General Chemistry

Method SM 4500 Cl- E - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-129742 and analytical batch 880-129815 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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## Case Narrative

Client: Etech Environmental & Safety Solutions  
Project: Paske South Battery

Job ID: 880-67371-1

**Job ID: 880-67371-1 (Continued)**

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### Client Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

**Client Sample ID: FL 1 @ 4'**  
 Date Collected: 01/22/26 00:00  
 Date Received: 01/22/26 14:59  
 Sample Depth: 4'

**Lab Sample ID: 880-67371-1**  
 Matrix: Solid

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/22/26 22:48	1
Toluene	<0.00200	U F2	0.00200		mg/Kg		01/22/26 20:00	01/22/26 22:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/22/26 22:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/22/26 20:00	01/22/26 22:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/22/26 22:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/22/26 20:00	01/22/26 22:48	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130				01/22/26 20:00	01/22/26 22:48	1
1,4-Difluorobenzene (Surr)	80		70 - 130				01/22/26 20:00	01/22/26 22:48	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/22/26 22:48	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/22/26 23:08	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/22/26 16:23	01/22/26 23:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/22/26 16:23	01/22/26 23:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/22/26 16:23	01/22/26 23:08	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane	88		70 - 130				01/22/26 16:23	01/22/26 23:08	1
o-Terphenyl	86		70 - 130				01/22/26 16:23	01/22/26 23:08	1

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (SM 4500 Cl- E)	261	F1	19.9		mg/Kg			01/23/26 10:29	1

**Client Sample ID: FL 2 @ 4'**  
 Date Collected: 01/22/26 00:00  
 Date Received: 01/22/26 14:59  
 Sample Depth: 4'

**Lab Sample ID: 880-67371-2**  
 Matrix: Solid

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/22/26 20:00	01/22/26 23:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/22/26 20:00	01/22/26 23:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/22/26 20:00	01/22/26 23:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/22/26 20:00	01/22/26 23:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/22/26 20:00	01/22/26 23:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/22/26 20:00	01/22/26 23:08	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	188	S1+	70 - 130				01/22/26 20:00	01/22/26 23:08	1

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### Client Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

**Client Sample ID: FL 2 @ 4'**  
 Date Collected: 01/22/26 00:00  
 Date Received: 01/22/26 14:59  
 Sample Depth: 4'

**Lab Sample ID: 880-67371-2**  
 Matrix: Solid

**Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	87		70 - 130	01/22/26 20:00	01/22/26 23:08	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/22/26 23:08	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/22/26 23:50	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/22/26 16:23	01/22/26 23:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/22/26 16:23	01/22/26 23:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/22/26 16:23	01/22/26 23:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	01/22/26 16:23	01/22/26 23:50	1
o-Terphenyl	88		70 - 130	01/22/26 16:23	01/22/26 23:50	1

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (SM 4500 Cl- E)	333		19.9		mg/Kg			01/23/26 10:31	1

**Client Sample ID: FL 3 @ 4'**

**Lab Sample ID: 880-67371-3**  
 Matrix: Solid

Date Collected: 01/22/26 00:00  
 Date Received: 01/22/26 14:59  
 Sample Depth: 4'

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/22/26 20:00	01/22/26 23:29	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/22/26 20:00	01/22/26 23:29	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/22/26 20:00	01/22/26 23:29	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/22/26 20:00	01/22/26 23:29	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/22/26 20:00	01/22/26 23:29	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/22/26 20:00	01/22/26 23:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	164	S1+	70 - 130	01/22/26 20:00	01/22/26 23:29	1
1,4-Difluorobenzene (Surr)	82		70 - 130	01/22/26 20:00	01/22/26 23:29	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			01/22/26 23:29	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/23/26 00:04	1

Eurofins Midland

### Client Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

**Client Sample ID: FL 3 @ 4'**

**Lab Sample ID: 880-67371-3**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Sample Depth: 4'

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/22/26 16:23	01/23/26 00:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/22/26 16:23	01/23/26 00:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/22/26 16:23	01/23/26 00:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				01/22/26 16:23	01/23/26 00:04	1
o-Terphenyl	97		70 - 130				01/22/26 16:23	01/23/26 00:04	1

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (SM 4500 Cl- E)	385		21.8		mg/Kg			01/23/26 10:55	1.1

**Client Sample ID: FL 4 @ 4'**

**Lab Sample ID: 880-67371-4**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Sample Depth: 4'

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/22/26 20:00	01/22/26 23:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/22/26 20:00	01/22/26 23:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/22/26 20:00	01/22/26 23:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/22/26 20:00	01/22/26 23:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/22/26 20:00	01/22/26 23:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/22/26 20:00	01/22/26 23:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	152	S1+	70 - 130				01/22/26 20:00	01/22/26 23:49	1
1,4-Difluorobenzene (Surr)	75		70 - 130				01/22/26 20:00	01/22/26 23:49	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/22/26 23:49	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/23/26 00:18	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/22/26 16:23	01/23/26 00:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/22/26 16:23	01/23/26 00:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/22/26 16:23	01/23/26 00:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				01/22/26 16:23	01/23/26 00:18	1
o-Terphenyl	102		70 - 130				01/22/26 16:23	01/23/26 00:18	1

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### Client Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

**Client Sample ID: FL 4 @ 4'**  
 Date Collected: 01/22/26 00:00  
 Date Received: 01/22/26 14:59  
 Sample Depth: 4'

**Lab Sample ID: 880-67371-4**  
 Matrix: Solid

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (SM 4500 Cl- E)	314		19.8		mg/Kg			01/23/26 10:32	1

**Client Sample ID: FL 5 @ 3'**  
 Date Collected: 01/22/26 00:00  
 Date Received: 01/22/26 14:59  
 Sample Depth: 3'

**Lab Sample ID: 880-67371-5**  
 Matrix: Solid

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/23/26 00:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/23/26 00:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/23/26 00:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/22/26 20:00	01/23/26 00:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/23/26 00:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/22/26 20:00	01/23/26 00:10	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	194	S1+	70 - 130				01/22/26 20:00	01/23/26 00:10	1
1,4-Difluorobenzene (Surr)	108		70 - 130				01/22/26 20:00	01/23/26 00:10	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			01/23/26 00:10	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/23/26 00:32	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/22/26 16:23	01/23/26 00:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/22/26 16:23	01/23/26 00:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/22/26 16:23	01/23/26 00:32	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane	95		70 - 130				01/22/26 16:23	01/23/26 00:32	1
o-Terphenyl	92		70 - 130				01/22/26 16:23	01/23/26 00:32	1

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (SM 4500 Cl- E)	90.4		20.0		mg/Kg			01/23/26 10:32	1

## Client Sample Results

Client: Etech Environmental & Safety Solutions  
Project/Site: Paske South BatteryJob ID: 880-67371-1  
SDG: 23396

Client Sample ID: FL 6 @ 3'

Lab Sample ID: 880-67371-6

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Sample Depth: 3'

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/22/26 20:00	01/23/26 00:30	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/22/26 20:00	01/23/26 00:30	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/22/26 20:00	01/23/26 00:30	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/22/26 20:00	01/23/26 00:30	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/22/26 20:00	01/23/26 00:30	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/22/26 20:00	01/23/26 00:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	177	S1+	70 - 130	01/22/26 20:00	01/23/26 00:30	1
1,4-Difluorobenzene (Surr)	87		70 - 130	01/22/26 20:00	01/23/26 00:30	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/23/26 00:30	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			01/23/26 00:46	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		01/22/26 16:23	01/23/26 00:46	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/22/26 16:23	01/23/26 00:46	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/22/26 16:23	01/23/26 00:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	01/22/26 16:23	01/23/26 00:46	1
o-Terphenyl	88		70 - 130	01/22/26 16:23	01/23/26 00:46	1

## General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (SM 4500 Cl- E)	83.4		20.0		mg/Kg			01/23/26 10:34	1

Client Sample ID: FL 7 @ 3'

Lab Sample ID: 880-67371-7

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Sample Depth: 3'

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/22/26 20:00	01/23/26 00:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/22/26 20:00	01/23/26 00:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/22/26 20:00	01/23/26 00:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/22/26 20:00	01/23/26 00:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/22/26 20:00	01/23/26 00:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/22/26 20:00	01/23/26 00:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	172	S1+	70 - 130	01/22/26 20:00	01/23/26 00:51	1

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### Client Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

**Client Sample ID: FL 7 @ 3'**  
 Date Collected: 01/22/26 00:00  
 Date Received: 01/22/26 14:59  
 Sample Depth: 3'

**Lab Sample ID: 880-67371-7**  
 Matrix: Solid

**Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	85		70 - 130	01/22/26 20:00	01/23/26 00:51	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/23/26 00:51	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			01/23/26 01:01	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/22/26 16:23	01/23/26 01:01	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/22/26 16:23	01/23/26 01:01	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/22/26 16:23	01/23/26 01:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	01/22/26 16:23	01/23/26 01:01	1
o-Terphenyl	95		70 - 130	01/22/26 16:23	01/23/26 01:01	1

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (SM 4500 Cl- E)	60.6		20.0		mg/Kg			01/23/26 10:34	1

**Client Sample ID: FL 8 @ 3'**  
 Date Collected: 01/22/26 00:00  
 Date Received: 01/22/26 14:59  
 Sample Depth: 3'

**Lab Sample ID: 880-67371-8**  
 Matrix: Solid

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/23/26 01:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/23/26 01:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/23/26 01:11	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/22/26 20:00	01/23/26 01:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/23/26 01:11	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/22/26 20:00	01/23/26 01:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	158	S1+	70 - 130	01/22/26 20:00	01/23/26 01:11	1
1,4-Difluorobenzene (Surr)	80		70 - 130	01/22/26 20:00	01/23/26 01:11	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/23/26 01:11	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/23/26 01:14	1

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### Client Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

**Client Sample ID: FL 8 @ 3'**

**Lab Sample ID: 880-67371-8**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Sample Depth: 3'

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/22/26 16:23	01/23/26 01:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/22/26 16:23	01/23/26 01:14	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/22/26 16:23	01/23/26 01:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				01/22/26 16:23	01/23/26 01:14	1
o-Terphenyl	77		70 - 130				01/22/26 16:23	01/23/26 01:14	1

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (SM 4500 Cl- E)	26.6		19.9		mg/Kg			01/23/26 10:35	1

**Client Sample ID: FL 9 @ 3'**

**Lab Sample ID: 880-67371-9**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Sample Depth: 3'

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/22/26 20:00	01/23/26 01:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/22/26 20:00	01/23/26 01:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/22/26 20:00	01/23/26 01:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/22/26 20:00	01/23/26 01:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/22/26 20:00	01/23/26 01:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/22/26 20:00	01/23/26 01:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	175	S1+	70 - 130				01/22/26 20:00	01/23/26 01:31	1
1,4-Difluorobenzene (Surr)	86		70 - 130				01/22/26 20:00	01/23/26 01:31	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/23/26 01:31	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/23/26 01:29	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/22/26 16:23	01/23/26 01:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/22/26 16:23	01/23/26 01:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/22/26 16:23	01/23/26 01:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				01/22/26 16:23	01/23/26 01:29	1
o-Terphenyl	87		70 - 130				01/22/26 16:23	01/23/26 01:29	1

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### Client Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

**Client Sample ID: FL 9 @ 3'**  
 Date Collected: 01/22/26 00:00  
 Date Received: 01/22/26 14:59  
 Sample Depth: 3'

**Lab Sample ID: 880-67371-9**  
 Matrix: Solid

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (SM 4500 Cl- E)	19.9		19.9		mg/Kg			01/23/26 10:35	1

**Client Sample ID: FL 10 @ 3'**  
 Date Collected: 01/22/26 00:00  
 Date Received: 01/22/26 14:59  
 Sample Depth: 3'

**Lab Sample ID: 880-67371-10**  
 Matrix: Solid

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/23/26 01:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/23/26 01:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/23/26 01:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/22/26 20:00	01/23/26 01:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/23/26 01:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/22/26 20:00	01/23/26 01:52	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	178	S1+	70 - 130				01/22/26 20:00	01/23/26 01:52	1
1,4-Difluorobenzene (Surr)	92		70 - 130				01/22/26 20:00	01/23/26 01:52	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/23/26 01:52	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/23/26 01:43	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/22/26 16:23	01/23/26 01:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/22/26 16:23	01/23/26 01:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/22/26 16:23	01/23/26 01:43	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane	90		70 - 130				01/22/26 16:23	01/23/26 01:43	1
o-Terphenyl	91		70 - 130				01/22/26 16:23	01/23/26 01:43	1

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (SM 4500 Cl- E)	336		99.0		mg/Kg			01/23/26 10:36	5

## Client Sample Results

Client: Etech Environmental & Safety Solutions  
Project/Site: Paske South BatteryJob ID: 880-67371-1  
SDG: 23396

Client Sample ID: FL 11 @ 3'

Lab Sample ID: 880-67371-11

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Sample Depth: 3'

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/22/26 20:00	01/23/26 03:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/22/26 20:00	01/23/26 03:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/22/26 20:00	01/23/26 03:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/22/26 20:00	01/23/26 03:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/22/26 20:00	01/23/26 03:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/22/26 20:00	01/23/26 03:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	175	S1+	70 - 130	01/22/26 20:00	01/23/26 03:27	1
1,4-Difluorobenzene (Surr)	85		70 - 130	01/22/26 20:00	01/23/26 03:27	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/23/26 03:27	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/23/26 02:11	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/22/26 16:23	01/23/26 02:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/22/26 16:23	01/23/26 02:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/22/26 16:23	01/23/26 02:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	01/22/26 16:23	01/23/26 02:11	1
o-Terphenyl	98		70 - 130	01/22/26 16:23	01/23/26 02:11	1

## General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (SM 4500 Cl- E)	276	F1	101		mg/Kg			01/23/26 10:36	5

Client Sample ID: FL 12 @ 3'

Lab Sample ID: 880-67371-12

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Sample Depth: 3'

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/22/26 20:00	01/23/26 03:47	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/22/26 20:00	01/23/26 03:47	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/22/26 20:00	01/23/26 03:47	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/22/26 20:00	01/23/26 03:47	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/22/26 20:00	01/23/26 03:47	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/22/26 20:00	01/23/26 03:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	160	S1+	70 - 130	01/22/26 20:00	01/23/26 03:47	1

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### Client Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

Client Sample ID: FL 12 @ 3'

Lab Sample ID: 880-67371-12

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Sample Depth: 3'

**Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	83		70 - 130	01/22/26 20:00	01/23/26 03:47	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/23/26 03:47	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/23/26 02:26	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/22/26 16:23	01/23/26 02:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/22/26 16:23	01/23/26 02:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/22/26 16:23	01/23/26 02:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	01/22/26 16:23	01/23/26 02:26	1
o-Terphenyl	77		70 - 130	01/22/26 16:23	01/23/26 02:26	1

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (SM 4500 Cl- E)	72.0		19.9		mg/Kg			01/23/26 10:38	1

Client Sample ID: FL 13 @ 3'

Lab Sample ID: 880-67371-13

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Sample Depth: 3'

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/22/26 20:00	01/23/26 04:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/22/26 20:00	01/23/26 04:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/22/26 20:00	01/23/26 04:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/22/26 20:00	01/23/26 04:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/22/26 20:00	01/23/26 04:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/22/26 20:00	01/23/26 04:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	197	S1+	70 - 130	01/22/26 20:00	01/23/26 04:08	1
1,4-Difluorobenzene (Surr)	109		70 - 130	01/22/26 20:00	01/23/26 04:08	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/23/26 04:08	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/23/26 02:40	1

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### Client Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

**Client Sample ID: FL 13 @ 3'**

**Lab Sample ID: 880-67371-13**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Sample Depth: 3'

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/22/26 16:23	01/23/26 02:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/22/26 16:23	01/23/26 02:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/22/26 16:23	01/23/26 02:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				01/22/26 16:23	01/23/26 02:40	1
o-Terphenyl	81		70 - 130				01/22/26 16:23	01/23/26 02:40	1

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (SM 4500 Cl- E)	67.3		20.0		mg/Kg			01/23/26 10:38	1

**Client Sample ID: FL 14 @ 3'**

**Lab Sample ID: 880-67371-14**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Sample Depth: 3'

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/22/26 20:00	01/23/26 04:28	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/22/26 20:00	01/23/26 04:28	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/22/26 20:00	01/23/26 04:28	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/22/26 20:00	01/23/26 04:28	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/22/26 20:00	01/23/26 04:28	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/22/26 20:00	01/23/26 04:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	175	S1+	70 - 130				01/22/26 20:00	01/23/26 04:28	1
1,4-Difluorobenzene (Surr)	89		70 - 130				01/22/26 20:00	01/23/26 04:28	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/23/26 04:28	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/23/26 02:54	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/22/26 16:23	01/23/26 02:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/22/26 16:23	01/23/26 02:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/22/26 16:23	01/23/26 02:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				01/22/26 16:23	01/23/26 02:54	1
o-Terphenyl	88		70 - 130				01/22/26 16:23	01/23/26 02:54	1

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### Client Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

**Client Sample ID: FL 14 @ 3'**

**Lab Sample ID: 880-67371-14**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Sample Depth: 3'

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (SM 4500 Cl- E)	71.6		19.8		mg/Kg			01/23/26 10:40	1

**Client Sample ID: FL 15 @ 3'**

**Lab Sample ID: 880-67371-15**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Sample Depth: 3'

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/23/26 04:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/23/26 04:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/23/26 04:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/22/26 20:00	01/23/26 04:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/23/26 04:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/22/26 20:00	01/23/26 04:48	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	169	S1+	70 - 130				01/22/26 20:00	01/23/26 04:48	1
1,4-Difluorobenzene (Surr)	79		70 - 130				01/22/26 20:00	01/23/26 04:48	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			01/23/26 04:48	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/23/26 03:08	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/22/26 16:23	01/23/26 03:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/22/26 16:23	01/23/26 03:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/22/26 16:23	01/23/26 03:08	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane	79		70 - 130				01/22/26 16:23	01/23/26 03:08	1
o-Terphenyl	77		70 - 130				01/22/26 16:23	01/23/26 03:08	1

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (SM 4500 Cl- E)	61.1		19.9		mg/Kg			01/23/26 10:40	1

## Client Sample Results

Client: Etech Environmental & Safety Solutions  
Project/Site: Paske South BatteryJob ID: 880-67371-1  
SDG: 23396

Client Sample ID: FL 16 @ 3'

Lab Sample ID: 880-67371-16

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Sample Depth: 3'

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/23/26 05:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/23/26 05:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/23/26 05:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/22/26 20:00	01/23/26 05:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/23/26 05:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/22/26 20:00	01/23/26 05:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	168	S1+	70 - 130	01/22/26 20:00	01/23/26 05:09	1
1,4-Difluorobenzene (Surr)	86		70 - 130	01/22/26 20:00	01/23/26 05:09	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/23/26 05:09	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/23/26 03:22	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/22/26 16:23	01/23/26 03:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/22/26 16:23	01/23/26 03:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/22/26 16:23	01/23/26 03:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	01/22/26 16:23	01/23/26 03:22	1
o-Terphenyl	102		70 - 130	01/22/26 16:23	01/23/26 03:22	1

## General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (SM 4500 Cl- E)	31.9		20.0		mg/Kg			01/23/26 10:41	1

Client Sample ID: NW 1

Lab Sample ID: 880-67371-17

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/22/26 20:00	01/23/26 05:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/22/26 20:00	01/23/26 05:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/22/26 20:00	01/23/26 05:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/22/26 20:00	01/23/26 05:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/22/26 20:00	01/23/26 05:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/22/26 20:00	01/23/26 05:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	199	S1+	70 - 130	01/22/26 20:00	01/23/26 05:29	1
1,4-Difluorobenzene (Surr)	90		70 - 130	01/22/26 20:00	01/23/26 05:29	1

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### Client Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

**Client Sample ID: NW 1**

**Lab Sample ID: 880-67371-17**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/23/26 05:29	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/23/26 03:36	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/22/26 16:23	01/23/26 03:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/22/26 16:23	01/23/26 03:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/22/26 16:23	01/23/26 03:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	01/22/26 16:23	01/23/26 03:36	1
o-Terphenyl	99		70 - 130	01/22/26 16:23	01/23/26 03:36	1

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (SM 4500 Cl- E)	29.6		19.8		mg/Kg			01/23/26 10:41	1

**Client Sample ID: NW 2**

**Lab Sample ID: 880-67371-18**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/22/26 20:00	01/23/26 05:50	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/22/26 20:00	01/23/26 05:50	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/22/26 20:00	01/23/26 05:50	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/22/26 20:00	01/23/26 05:50	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/22/26 20:00	01/23/26 05:50	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/22/26 20:00	01/23/26 05:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	183	S1+	70 - 130	01/22/26 20:00	01/23/26 05:50	1
1,4-Difluorobenzene (Surr)	88		70 - 130	01/22/26 20:00	01/23/26 05:50	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			01/23/26 05:50	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/23/26 03:50	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/22/26 16:23	01/23/26 03:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/22/26 16:23	01/23/26 03:50	1

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### Client Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

**Client Sample ID: NW 2**

**Lab Sample ID: 880-67371-18**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/22/26 16:23	01/23/26 03:50	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane	99		70 - 130				01/22/26 16:23	01/23/26 03:50	1
o-Terphenyl	99		70 - 130				01/22/26 16:23	01/23/26 03:50	1

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (SM 4500 Cl- E)	66.9		20.0		mg/Kg			01/23/26 10:41	1

**Client Sample ID: EW 1**

**Lab Sample ID: 880-67371-19**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/22/26 20:00	01/23/26 06:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/22/26 20:00	01/23/26 06:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/22/26 20:00	01/23/26 06:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/22/26 20:00	01/23/26 06:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/22/26 20:00	01/23/26 06:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/22/26 20:00	01/23/26 06:10	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	206	S1+	70 - 130				01/22/26 20:00	01/23/26 06:10	1
1,4-Difluorobenzene (Surr)	91		70 - 130				01/22/26 20:00	01/23/26 06:10	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/23/26 06:10	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/23/26 04:04	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/22/26 16:23	01/23/26 04:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/22/26 16:23	01/23/26 04:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/22/26 16:23	01/23/26 04:04	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane	108		70 - 130				01/22/26 16:23	01/23/26 04:04	1
o-Terphenyl	109		70 - 130				01/22/26 16:23	01/23/26 04:04	1

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (SM 4500 Cl- E)	77.7		20.0		mg/Kg			01/23/26 10:42	1

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## Client Sample Results

Client: Etech Environmental & Safety Solutions  
Project/Site: Paske South BatteryJob ID: 880-67371-1  
SDG: 23396

Client Sample ID: EW 2

Lab Sample ID: 880-67371-20

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/22/26 20:00	01/23/26 06:31	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/22/26 20:00	01/23/26 06:31	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/22/26 20:00	01/23/26 06:31	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/22/26 20:00	01/23/26 06:31	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/22/26 20:00	01/23/26 06:31	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/22/26 20:00	01/23/26 06:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	188	S1+	70 - 130	01/22/26 20:00	01/23/26 06:31	1
1,4-Difluorobenzene (Surr)	88		70 - 130	01/22/26 20:00	01/23/26 06:31	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/23/26 06:31	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			01/23/26 04:18	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/22/26 16:23	01/23/26 04:18	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/22/26 16:23	01/23/26 04:18	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/22/26 16:23	01/23/26 04:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	01/22/26 16:23	01/23/26 04:18	1
o-Terphenyl	111		70 - 130	01/22/26 16:23	01/23/26 04:18	1

## General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (SM 4500 Cl- E)	70.1		20.1		mg/Kg			01/23/26 10:42	1

Client Sample ID: WW 1

Lab Sample ID: 880-67371-21

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/22/26 22:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/22/26 22:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/22/26 22:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/22/26 20:00	01/22/26 22:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/22/26 22:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/22/26 20:00	01/22/26 22:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	01/22/26 20:00	01/22/26 22:58	1
1,4-Difluorobenzene (Surr)	93		70 - 130	01/22/26 20:00	01/22/26 22:58	1

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### Client Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

**Client Sample ID: WW 1**

**Lab Sample ID: 880-67371-21**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/22/26 22:58	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/23/26 02:54	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/22/26 16:26	01/23/26 02:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/22/26 16:26	01/23/26 02:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/22/26 16:26	01/23/26 02:54	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane	91		70 - 130				01/22/26 16:26	01/23/26 02:54	1
o-Terphenyl	95		70 - 130				01/22/26 16:26	01/23/26 02:54	1

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (SM 4500 Cl- E)	209		19.8		mg/Kg			01/23/26 10:43	1

**Client Sample ID: WW 2**

**Lab Sample ID: 880-67371-22**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/22/26 20:00	01/22/26 23:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/22/26 20:00	01/22/26 23:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/22/26 20:00	01/22/26 23:18	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/22/26 20:00	01/22/26 23:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/22/26 20:00	01/22/26 23:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/22/26 20:00	01/22/26 23:18	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	114		70 - 130				01/22/26 20:00	01/22/26 23:18	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/22/26 20:00	01/22/26 23:18	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/22/26 23:18	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/23/26 03:08	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/22/26 16:26	01/23/26 03:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/22/26 16:26	01/23/26 03:08	1

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### Client Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

**Client Sample ID: WW 2**

**Lab Sample ID: 880-67371-22**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/22/26 16:26	01/23/26 03:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				01/22/26 16:26	01/23/26 03:08	1
o-Terphenyl	103		70 - 130				01/22/26 16:26	01/23/26 03:08	1

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (SM 4500 Cl- E)	83.9		20.0		mg/Kg			01/23/26 10:43	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

## Surrogate Summary

Client: Etech Environmental & Safety Solutions  
Project/Site: Paske South BatteryJob ID: 880-67371-1  
SDG: 23396

## Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-67371-1	FL 1 @ 4'	146 S1+	80
880-67371-1 MS	FL 1 @ 4'	88	50 S1-
880-67371-1 MSD	FL 1 @ 4'	147 S1+	94
880-67371-2	FL 2 @ 4'	188 S1+	87
880-67371-3	FL 3 @ 4'	164 S1+	82
880-67371-4	FL 4 @ 4'	152 S1+	75
880-67371-5	FL 5 @ 3'	194 S1+	108
880-67371-6	FL 6 @ 3'	177 S1+	87
880-67371-7	FL 7 @ 3'	172 S1+	85
880-67371-8	FL 8 @ 3'	158 S1+	80
880-67371-9	FL 9 @ 3'	175 S1+	86
880-67371-10	FL 10 @ 3'	178 S1+	92
880-67371-11	FL 11 @ 3'	175 S1+	85
880-67371-12	FL 12 @ 3'	160 S1+	83
880-67371-13	FL 13 @ 3'	197 S1+	109
880-67371-14	FL 14 @ 3'	175 S1+	89
880-67371-15	FL 15 @ 3'	169 S1+	79
880-67371-16	FL 16 @ 3'	168 S1+	86
880-67371-17	NW 1	199 S1+	90
880-67371-18	NW 2	183 S1+	88
880-67371-19	EW 1	206 S1+	91
880-67371-20	EW 2	188 S1+	88
880-67371-21	WW 1	114	93
880-67371-21 MS	WW 1	114	94
880-67371-21 MSD	WW 1	112	92
880-67371-22	WW 2	114	98
LCS 880-129774/1-A	Lab Control Sample	133 S1+	112
LCS 880-129777/1-A	Lab Control Sample	115	100
LCS 880-129774/2-A	Lab Control Sample Dup	160 S1+	90
LCS 880-129777/2-A	Lab Control Sample Dup	106	101
MB 880-129633/5-A	Method Blank	133 S1+	86
MB 880-129656/5-A	Method Blank	109	92
MB 880-129774/5-A	Method Blank	121	69 S1-
MB 880-129777/5-A	Method Blank	111	90

## Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-67371-1	FL 1 @ 4'	88	86
880-67371-1 MS	FL 1 @ 4'	111	98
880-67371-1 MSD	FL 1 @ 4'	105	97
880-67371-2	FL 2 @ 4'	90	88
880-67371-3	FL 3 @ 4'	99	97

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### Surrogate Summary

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

**Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)**

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-67371-4	FL 4 @ 4'	103	102
880-67371-5	FL 5 @ 3'	95	92
880-67371-6	FL 6 @ 3'	89	88
880-67371-7	FL 7 @ 3'	96	95
880-67371-8	FL 8 @ 3'	77	77
880-67371-9	FL 9 @ 3'	88	87
880-67371-10	FL 10 @ 3'	90	91
880-67371-11	FL 11 @ 3'	96	98
880-67371-12	FL 12 @ 3'	77	77
880-67371-13	FL 13 @ 3'	81	81
880-67371-14	FL 14 @ 3'	90	88
880-67371-15	FL 15 @ 3'	79	77
880-67371-16	FL 16 @ 3'	99	102
880-67371-17	NW 1	98	99
880-67371-18	NW 2	99	99
880-67371-19	EW 1	108	109
880-67371-20	EW 2	111	111
880-67371-21	WW 1	91	95
880-67371-22	WW 2	98	103
LCS 880-129743/2-A	Lab Control Sample	137 S1+	127
LCS 880-129744/2-A	Lab Control Sample	147 S1+	141 S1+
LCSD 880-129743/3-A	Lab Control Sample Dup	135 S1+	120
LCSD 880-129744/3-A	Lab Control Sample Dup	135 S1+	131 S1+
MB 880-129743/1-A	Method Blank	89	92
MB 880-129744/1-A	Method Blank	126	131 S1+

**Surrogate Legend**

1CO = 1-Chlorooctane  
 OTPH = o-Terphenyl

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

## QC Sample Results

Client: Etech Environmental & Safety Solutions  
Project/Site: Paske South Battery

Job ID: 880-67371-1  
SDG: 23396

## Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-129633/5-A

Matrix: Solid

Analysis Batch: 129598

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 129633

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		01/22/26 08:00	01/22/26 11:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/22/26 08:00	01/22/26 11:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/22/26 08:00	01/22/26 11:28	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/22/26 08:00	01/22/26 11:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/22/26 08:00	01/22/26 11:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/22/26 08:00	01/22/26 11:28	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	01/22/26 08:00	01/22/26 11:28	1
1,4-Difluorobenzene (Surr)	86		70 - 130	01/22/26 08:00	01/22/26 11:28	1

Lab Sample ID: MB 880-129656/5-A

Matrix: Solid

Analysis Batch: 129597

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 129656

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		01/22/26 11:11	01/22/26 12:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/22/26 11:11	01/22/26 12:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/22/26 11:11	01/22/26 12:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/22/26 11:11	01/22/26 12:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/22/26 11:11	01/22/26 12:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/22/26 11:11	01/22/26 12:26	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	109		70 - 130	01/22/26 11:11	01/22/26 12:26	1
1,4-Difluorobenzene (Surr)	92		70 - 130	01/22/26 11:11	01/22/26 12:26	1

Lab Sample ID: MB 880-129774/5-A

Matrix: Solid

Analysis Batch: 129598

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 129774

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/22/26 22:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/22/26 22:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/22/26 22:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/22/26 20:00	01/22/26 22:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/22/26 22:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/22/26 20:00	01/22/26 22:26	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	121		70 - 130	01/22/26 20:00	01/22/26 22:26	1
1,4-Difluorobenzene (Surr)	69	S1-	70 - 130	01/22/26 20:00	01/22/26 22:26	1

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### QC Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

#### Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-129774/1-A  
 Matrix: Solid  
 Analysis Batch: 129598

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 129774

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	0.100	0.09817		mg/Kg		98	70 - 130	
Toluene	0.100	0.09672		mg/Kg		97	70 - 130	
Ethylbenzene	0.100	0.1068		mg/Kg		107	70 - 130	
m-Xylene & p-Xylene	0.200	0.2071		mg/Kg		104	70 - 130	
o-Xylene	0.100	0.1043		mg/Kg		104	70 - 130	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: LCSD 880-129774/2-A  
 Matrix: Solid  
 Analysis Batch: 129598

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 129774

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD Limit	
									RPD	Limit
Benzene	0.100	0.1181		mg/Kg		118	70 - 130	18	35	
Toluene	0.100	0.1130		mg/Kg		113	70 - 130	16	35	
Ethylbenzene	0.100	0.1242		mg/Kg		124	70 - 130	15	35	
m-Xylene & p-Xylene	0.200	0.2412		mg/Kg		121	70 - 130	15	35	
o-Xylene	0.100	0.1230		mg/Kg		123	70 - 130	16	35	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	160	S1+	70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 880-67371-1 MS  
 Matrix: Solid  
 Analysis Batch: 129598

Client Sample ID: FL 1 @ 4'  
 Prep Type: Total/NA  
 Prep Batch: 129774

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	<0.00200	U	0.100	0.09678		mg/Kg		97	70 - 130	
Toluene	<0.00200	U F2	0.100	0.07237		mg/Kg		72	70 - 130	
Ethylbenzene	<0.00200	U	0.100	0.08408		mg/Kg		84	70 - 130	
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1583		mg/Kg		79	70 - 130	
o-Xylene	<0.00200	U	0.100	0.07946		mg/Kg		79	70 - 130	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	88		70 - 130
1,4-Difluorobenzene (Surr)	50	S1-	70 - 130

Lab Sample ID: 880-67371-1 MSD  
 Matrix: Solid  
 Analysis Batch: 129598

Client Sample ID: FL 1 @ 4'  
 Prep Type: Total/NA  
 Prep Batch: 129774

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD Limit	
											RPD	Limit
Benzene	<0.00200	U	0.100	0.1053		mg/Kg		105	70 - 130	8	35	
Toluene	<0.00200	U F2	0.100	0.1042	F2	mg/Kg		104	70 - 130	36	35	
Ethylbenzene	<0.00200	U	0.100	0.1118		mg/Kg		112	70 - 130	28	35	

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### QC Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

#### Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-67371-1 MSD

Client Sample ID: FL 1 @ 4'

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 129598

Prep Batch: 129774

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier		Result	Qualifier				Limits		
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2230		mg/Kg		111	70 - 130	34	35
o-Xylene	<0.00200	U	0.100	0.1105		mg/Kg		110	70 - 130	33	35
<b>Surrogate</b>		<b>MSD</b>	<b>MSD</b>								
	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>								
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130								
1,4-Difluorobenzene (Surr)	94		70 - 130								

Lab Sample ID: MB 880-129777/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 129597

Prep Batch: 129777

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/22/26 22:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/22/26 22:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/22/26 22:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/22/26 20:00	01/22/26 22:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/22/26 20:00	01/22/26 22:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/22/26 20:00	01/22/26 22:36	1
<b>Surrogate</b>		<b>MB</b>	<b>MB</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>	
	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>						
4-Bromofluorobenzene (Surr)	111		70 - 130			01/22/26 20:00	01/22/26 22:36	1	
1,4-Difluorobenzene (Surr)	90		70 - 130			01/22/26 20:00	01/22/26 22:36	1	

Lab Sample ID: LCS 880-129777/1-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 129597

Prep Batch: 129777

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
		Added	Result				Qualifier
Benzene	0.100	0.1010		mg/Kg		101	70 - 130
Toluene	0.100	0.09049		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09616		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.1850		mg/Kg		93	70 - 130
o-Xylene	0.100	0.09726		mg/Kg		97	70 - 130
<b>Surrogate</b>		<b>LCS</b>	<b>LCS</b>				
	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				
4-Bromofluorobenzene (Surr)	115		70 - 130				
1,4-Difluorobenzene (Surr)	100		70 - 130				

Lab Sample ID: LCSD 880-129777/2-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 129597

Prep Batch: 129777

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
		Added	Result				Qualifier		
Benzene	0.100	0.1015		mg/Kg		101	70 - 130	0	35
Toluene	0.100	0.08616		mg/Kg		86	70 - 130	5	35
Ethylbenzene	0.100	0.09198		mg/Kg		92	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1803		mg/Kg		90	70 - 130	3	35
o-Xylene	0.100	0.09266		mg/Kg		93	70 - 130	5	35

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### QC Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

#### Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-67371-21 MS  
 Matrix: Solid  
 Analysis Batch: 129597

Client Sample ID: WW 1  
 Prep Type: Total/NA  
 Prep Batch: 129777

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Benzene	<0.00200	U	0.100	0.09272		mg/Kg		93		70 - 130
Toluene	<0.00200	U	0.100	0.08306		mg/Kg		83		70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08784		mg/Kg		88		70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1707		mg/Kg		85		70 - 130
o-Xylene	<0.00200	U	0.100	0.08741		mg/Kg		87		70 - 130

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-67371-21 MSD  
 Matrix: Solid  
 Analysis Batch: 129597

Client Sample ID: WW 1  
 Prep Type: Total/NA  
 Prep Batch: 129777

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Benzene	<0.00200	U	0.100	0.09289		mg/Kg		93		70 - 130	0	35
Toluene	<0.00200	U	0.100	0.08215		mg/Kg		82		70 - 130	1	35
Ethylbenzene	<0.00200	U	0.100	0.08907		mg/Kg		89		70 - 130	1	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1725		mg/Kg		86		70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.08764		mg/Kg		88		70 - 130	0	35

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

#### Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-129743/1-A  
 Matrix: Solid  
 Analysis Batch: 129620

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 129743

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/22/26 16:23	01/22/26 22:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/22/26 16:23	01/22/26 22:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/22/26 16:23	01/22/26 22:26	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	89		70 - 130	01/22/26 16:23	01/22/26 22:26	1
o-Terphenyl	92		70 - 130	01/22/26 16:23	01/22/26 22:26	1

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### QC Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

#### Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: LCS 880-129743/2-A**  
**Matrix: Solid**  
**Analysis Batch: 129620**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 129743**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	1078		mg/Kg		108	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1230		mg/Kg		123	70 - 130	
		<b>LCS</b>	<b>LCS</b>					
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>					
1-Chlorooctane	137	S1+	70 - 130					
o-Terphenyl	127		70 - 130					

**Lab Sample ID: LCSD 880-129743/3-A**  
**Matrix: Solid**  
**Analysis Batch: 129620**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 129743**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		100	70 - 130	7	20	
Diesel Range Organics (Over C10-C28)	1000	1164		mg/Kg		116	70 - 130	6	20	
		<b>LCSD</b>	<b>LCSD</b>							
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>							
1-Chlorooctane	135	S1+	70 - 130							
o-Terphenyl	120		70 - 130							

**Lab Sample ID: 880-67371-1 MS**  
**Matrix: Solid**  
**Analysis Batch: 129620**

**Client Sample ID: FL 1 @ 4'**  
**Prep Type: Total/NA**  
**Prep Batch: 129743**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	999	896.7		mg/Kg		90	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.8	U	999	959.9		mg/Kg		96	70 - 130	
		<b>MS</b>	<b>MS</b>							
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>							
1-Chlorooctane	111		70 - 130							
o-Terphenyl	98		70 - 130							

**Lab Sample ID: 880-67371-1 MSD**  
**Matrix: Solid**  
**Analysis Batch: 129620**

**Client Sample ID: FL 1 @ 4'**  
**Prep Type: Total/NA**  
**Prep Batch: 129743**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	999	912.0		mg/Kg		91	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	<49.8	U	999	946.1		mg/Kg		95	70 - 130	1	20	
		<b>MSD</b>	<b>MSD</b>									
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>									
1-Chlorooctane	105		70 - 130									

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### QC Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

#### Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: 880-67371-1 MSD**  
**Matrix: Solid**  
**Analysis Batch: 129620**

**Client Sample ID: FL 1 @ 4'**  
**Prep Type: Total/NA**  
**Prep Batch: 129743**

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
<i>o</i> -Terphenyl	97		70 - 130

**Lab Sample ID: MB 880-129744/1-A**  
**Matrix: Solid**  
**Analysis Batch: 129618**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 129744**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/22/26 16:25	01/22/26 22:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/22/26 16:25	01/22/26 22:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/22/26 16:25	01/22/26 22:26	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
<i>1</i> -Chlorooctane	126		70 - 130	01/22/26 16:25	01/22/26 22:26	1
<i>o</i> -Terphenyl	131	S1+	70 - 130	01/22/26 16:25	01/22/26 22:26	1

**Lab Sample ID: LCS 880-129744/2-A**  
**Matrix: Solid**  
**Analysis Batch: 129618**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 129744**

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	1102		mg/Kg		110	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1117		mg/Kg		112	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
<i>1</i> -Chlorooctane	147	S1+	70 - 130
<i>o</i> -Terphenyl	141	S1+	70 - 130

**Lab Sample ID: LCSD 880-129744/3-A**  
**Matrix: Solid**  
**Analysis Batch: 129618**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 129744**

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1060		mg/Kg		106	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	1010		mg/Kg		101	70 - 130	10	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
<i>1</i> -Chlorooctane	135	S1+	70 - 130
<i>o</i> -Terphenyl	131	S1+	70 - 130

### QC Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

**Method: SM 4500 Cl- E - Chloride, Total**

Lab Sample ID: MB 880-129742/1-A  
 Matrix: Solid  
 Analysis Batch: 129815

Client Sample ID: Method Blank  
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<20.0	U	20.0		mg/Kg			01/23/26 10:27	1

Lab Sample ID: LCS 880-129742/2-A  
 Matrix: Solid  
 Analysis Batch: 129815

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	80.0	77.62		mg/Kg		97	85 - 115

Lab Sample ID: LCSD 880-129742/3-A  
 Matrix: Solid  
 Analysis Batch: 129815

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	80.0	78.00		mg/Kg		97	85 - 115	0	15

Lab Sample ID: 880-67371-1 MS  
 Matrix: Solid  
 Analysis Batch: 129815

Client Sample ID: FL 1 @ 4'  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	261	F1	79.8	323.4	F1	mg/Kg		78	85 - 115

Lab Sample ID: 880-67371-1 MSD  
 Matrix: Solid  
 Analysis Batch: 129815

Client Sample ID: FL 1 @ 4'  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	261	F1	79.8	343.7		mg/Kg		104	85 - 115	6	15

Lab Sample ID: 880-67371-11 MS  
 Matrix: Solid  
 Analysis Batch: 129815

Client Sample ID: FL 11 @ 3'  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	276	F1	401	783.6	F1	mg/Kg		127	85 - 115

Lab Sample ID: 880-67371-11 MSD  
 Matrix: Solid  
 Analysis Batch: 129815

Client Sample ID: FL 11 @ 3'  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	276	F1	401	822.4	F1	mg/Kg		136	85 - 115	5	15

### QC Association Summary

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

#### GC VOA

##### Analysis Batch: 129597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67371-21	WW 1	Total/NA	Solid	8021B	129777
880-67371-22	WW 2	Total/NA	Solid	8021B	129777
MB 880-129656/5-A	Method Blank	Total/NA	Solid	8021B	129656
MB 880-129777/5-A	Method Blank	Total/NA	Solid	8021B	129777
LCS 880-129777/1-A	Lab Control Sample	Total/NA	Solid	8021B	129777
LCSD 880-129777/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	129777
880-67371-21 MS	WW 1	Total/NA	Solid	8021B	129777
880-67371-21 MSD	WW 1	Total/NA	Solid	8021B	129777

##### Analysis Batch: 129598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67371-1	FL 1 @ 4'	Total/NA	Solid	8021B	129774
880-67371-2	FL 2 @ 4'	Total/NA	Solid	8021B	129774
880-67371-3	FL 3 @ 4'	Total/NA	Solid	8021B	129774
880-67371-4	FL 4 @ 4'	Total/NA	Solid	8021B	129774
880-67371-5	FL 5 @ 3'	Total/NA	Solid	8021B	129774
880-67371-6	FL 6 @ 3'	Total/NA	Solid	8021B	129774
880-67371-7	FL 7 @ 3'	Total/NA	Solid	8021B	129774
880-67371-8	FL 8 @ 3'	Total/NA	Solid	8021B	129774
880-67371-9	FL 9 @ 3'	Total/NA	Solid	8021B	129774
880-67371-10	FL 10 @ 3'	Total/NA	Solid	8021B	129774
880-67371-11	FL 11 @ 3'	Total/NA	Solid	8021B	129774
880-67371-12	FL 12 @ 3'	Total/NA	Solid	8021B	129774
880-67371-13	FL 13 @ 3'	Total/NA	Solid	8021B	129774
880-67371-14	FL 14 @ 3'	Total/NA	Solid	8021B	129774
880-67371-15	FL 15 @ 3'	Total/NA	Solid	8021B	129774
880-67371-16	FL 16 @ 3'	Total/NA	Solid	8021B	129774
880-67371-17	NW 1	Total/NA	Solid	8021B	129774
880-67371-18	NW 2	Total/NA	Solid	8021B	129774
880-67371-19	EW 1	Total/NA	Solid	8021B	129774
880-67371-20	EW 2	Total/NA	Solid	8021B	129774
MB 880-129633/5-A	Method Blank	Total/NA	Solid	8021B	129633
MB 880-129774/5-A	Method Blank	Total/NA	Solid	8021B	129774
LCS 880-129774/1-A	Lab Control Sample	Total/NA	Solid	8021B	129774
LCSD 880-129774/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	129774
880-67371-1 MS	FL 1 @ 4'	Total/NA	Solid	8021B	129774
880-67371-1 MSD	FL 1 @ 4'	Total/NA	Solid	8021B	129774

##### Prep Batch: 129633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-129633/5-A	Method Blank	Total/NA	Solid	5035	

##### Prep Batch: 129656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-129656/5-A	Method Blank	Total/NA	Solid	5035	

##### Prep Batch: 129774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67371-1	FL 1 @ 4'	Total/NA	Solid	5035	
880-67371-2	FL 2 @ 4'	Total/NA	Solid	5035	
880-67371-3	FL 3 @ 4'	Total/NA	Solid	5035	

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## QC Association Summary

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

## GC VOA (Continued)

## Prep Batch: 129774 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67371-4	FL 4 @ 4'	Total/NA	Solid	5035	
880-67371-5	FL 5 @ 3'	Total/NA	Solid	5035	
880-67371-6	FL 6 @ 3'	Total/NA	Solid	5035	
880-67371-7	FL 7 @ 3'	Total/NA	Solid	5035	
880-67371-8	FL 8 @ 3'	Total/NA	Solid	5035	
880-67371-9	FL 9 @ 3'	Total/NA	Solid	5035	
880-67371-10	FL 10 @ 3'	Total/NA	Solid	5035	
880-67371-11	FL 11 @ 3'	Total/NA	Solid	5035	
880-67371-12	FL 12 @ 3'	Total/NA	Solid	5035	
880-67371-13	FL 13 @ 3'	Total/NA	Solid	5035	
880-67371-14	FL 14 @ 3'	Total/NA	Solid	5035	
880-67371-15	FL 15 @ 3'	Total/NA	Solid	5035	
880-67371-16	FL 16 @ 3'	Total/NA	Solid	5035	
880-67371-17	NW 1	Total/NA	Solid	5035	
880-67371-18	NW 2	Total/NA	Solid	5035	
880-67371-19	EW 1	Total/NA	Solid	5035	
880-67371-20	EW 2	Total/NA	Solid	5035	
MB 880-129774/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-129774/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-129774/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67371-1 MS	FL 1 @ 4'	Total/NA	Solid	5035	
880-67371-1 MSD	FL 1 @ 4'	Total/NA	Solid	5035	

## Prep Batch: 129777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67371-21	WW 1	Total/NA	Solid	5035	
880-67371-22	WW 2	Total/NA	Solid	5035	
MB 880-129777/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-129777/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-129777/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67371-21 MS	WW 1	Total/NA	Solid	5035	
880-67371-21 MSD	WW 1	Total/NA	Solid	5035	

## Analysis Batch: 129847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67371-1	FL 1 @ 4'	Total/NA	Solid	Total BTEX	
880-67371-2	FL 2 @ 4'	Total/NA	Solid	Total BTEX	
880-67371-3	FL 3 @ 4'	Total/NA	Solid	Total BTEX	
880-67371-4	FL 4 @ 4'	Total/NA	Solid	Total BTEX	
880-67371-5	FL 5 @ 3'	Total/NA	Solid	Total BTEX	
880-67371-6	FL 6 @ 3'	Total/NA	Solid	Total BTEX	
880-67371-7	FL 7 @ 3'	Total/NA	Solid	Total BTEX	
880-67371-8	FL 8 @ 3'	Total/NA	Solid	Total BTEX	
880-67371-9	FL 9 @ 3'	Total/NA	Solid	Total BTEX	
880-67371-10	FL 10 @ 3'	Total/NA	Solid	Total BTEX	
880-67371-11	FL 11 @ 3'	Total/NA	Solid	Total BTEX	
880-67371-12	FL 12 @ 3'	Total/NA	Solid	Total BTEX	
880-67371-13	FL 13 @ 3'	Total/NA	Solid	Total BTEX	
880-67371-14	FL 14 @ 3'	Total/NA	Solid	Total BTEX	
880-67371-15	FL 15 @ 3'	Total/NA	Solid	Total BTEX	
880-67371-16	FL 16 @ 3'	Total/NA	Solid	Total BTEX	

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## QC Association Summary

Client: Etech Environmental & Safety Solutions  
Project/Site: Paske South Battery

Job ID: 880-67371-1  
SDG: 23396

## GC VOA (Continued)

## Analysis Batch: 129847 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67371-17	NW 1	Total/NA	Solid	Total BTEX	
880-67371-18	NW 2	Total/NA	Solid	Total BTEX	
880-67371-19	EW 1	Total/NA	Solid	Total BTEX	
880-67371-20	EW 2	Total/NA	Solid	Total BTEX	
880-67371-21	WW 1	Total/NA	Solid	Total BTEX	
880-67371-22	WW 2	Total/NA	Solid	Total BTEX	

## GC Semi VOA

## Analysis Batch: 129618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67371-21	WW 1	Total/NA	Solid	8015B NM	129744
880-67371-22	WW 2	Total/NA	Solid	8015B NM	129744
MB 880-129744/1-A	Method Blank	Total/NA	Solid	8015B NM	129744
LCS 880-129744/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	129744
LCSD 880-129744/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	129744

## Analysis Batch: 129620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67371-1	FL 1 @ 4'	Total/NA	Solid	8015B NM	129743
880-67371-2	FL 2 @ 4'	Total/NA	Solid	8015B NM	129743
880-67371-3	FL 3 @ 4'	Total/NA	Solid	8015B NM	129743
880-67371-4	FL 4 @ 4'	Total/NA	Solid	8015B NM	129743
880-67371-5	FL 5 @ 3'	Total/NA	Solid	8015B NM	129743
880-67371-6	FL 6 @ 3'	Total/NA	Solid	8015B NM	129743
880-67371-7	FL 7 @ 3'	Total/NA	Solid	8015B NM	129743
880-67371-8	FL 8 @ 3'	Total/NA	Solid	8015B NM	129743
880-67371-9	FL 9 @ 3'	Total/NA	Solid	8015B NM	129743
880-67371-10	FL 10 @ 3'	Total/NA	Solid	8015B NM	129743
880-67371-11	FL 11 @ 3'	Total/NA	Solid	8015B NM	129743
880-67371-12	FL 12 @ 3'	Total/NA	Solid	8015B NM	129743
880-67371-13	FL 13 @ 3'	Total/NA	Solid	8015B NM	129743
880-67371-14	FL 14 @ 3'	Total/NA	Solid	8015B NM	129743
880-67371-15	FL 15 @ 3'	Total/NA	Solid	8015B NM	129743
880-67371-16	FL 16 @ 3'	Total/NA	Solid	8015B NM	129743
880-67371-17	NW 1	Total/NA	Solid	8015B NM	129743
880-67371-18	NW 2	Total/NA	Solid	8015B NM	129743
880-67371-19	EW 1	Total/NA	Solid	8015B NM	129743
880-67371-20	EW 2	Total/NA	Solid	8015B NM	129743
MB 880-129743/1-A	Method Blank	Total/NA	Solid	8015B NM	129743
LCS 880-129743/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	129743
LCSD 880-129743/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	129743
880-67371-1 MS	FL 1 @ 4'	Total/NA	Solid	8015B NM	129743
880-67371-1 MSD	FL 1 @ 4'	Total/NA	Solid	8015B NM	129743

## Prep Batch: 129743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67371-1	FL 1 @ 4'	Total/NA	Solid	8015NM Prep	
880-67371-2	FL 2 @ 4'	Total/NA	Solid	8015NM Prep	
880-67371-3	FL 3 @ 4'	Total/NA	Solid	8015NM Prep	
880-67371-4	FL 4 @ 4'	Total/NA	Solid	8015NM Prep	

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## QC Association Summary

Client: Etech Environmental & Safety Solutions  
Project/Site: Paske South BatteryJob ID: 880-67371-1  
SDG: 23396

## GC Semi VOA (Continued)

## Prep Batch: 129743 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67371-5	FL 5 @ 3'	Total/NA	Solid	8015NM Prep	
880-67371-6	FL 6 @ 3'	Total/NA	Solid	8015NM Prep	
880-67371-7	FL 7 @ 3'	Total/NA	Solid	8015NM Prep	
880-67371-8	FL 8 @ 3'	Total/NA	Solid	8015NM Prep	
880-67371-9	FL 9 @ 3'	Total/NA	Solid	8015NM Prep	
880-67371-10	FL 10 @ 3'	Total/NA	Solid	8015NM Prep	
880-67371-11	FL 11 @ 3'	Total/NA	Solid	8015NM Prep	
880-67371-12	FL 12 @ 3'	Total/NA	Solid	8015NM Prep	
880-67371-13	FL 13 @ 3'	Total/NA	Solid	8015NM Prep	
880-67371-14	FL 14 @ 3'	Total/NA	Solid	8015NM Prep	
880-67371-15	FL 15 @ 3'	Total/NA	Solid	8015NM Prep	
880-67371-16	FL 16 @ 3'	Total/NA	Solid	8015NM Prep	
880-67371-17	NW 1	Total/NA	Solid	8015NM Prep	
880-67371-18	NW 2	Total/NA	Solid	8015NM Prep	
880-67371-19	EW 1	Total/NA	Solid	8015NM Prep	
880-67371-20	EW 2	Total/NA	Solid	8015NM Prep	
MB 880-129743/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-129743/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-129743/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-67371-1 MS	FL 1 @ 4'	Total/NA	Solid	8015NM Prep	
880-67371-1 MSD	FL 1 @ 4'	Total/NA	Solid	8015NM Prep	

## Prep Batch: 129744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67371-21	WW 1	Total/NA	Solid	8015NM Prep	
880-67371-22	WW 2	Total/NA	Solid	8015NM Prep	
MB 880-129744/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-129744/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-129744/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 129818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67371-1	FL 1 @ 4'	Total/NA	Solid	8015 NM	
880-67371-2	FL 2 @ 4'	Total/NA	Solid	8015 NM	
880-67371-3	FL 3 @ 4'	Total/NA	Solid	8015 NM	
880-67371-4	FL 4 @ 4'	Total/NA	Solid	8015 NM	
880-67371-5	FL 5 @ 3'	Total/NA	Solid	8015 NM	
880-67371-6	FL 6 @ 3'	Total/NA	Solid	8015 NM	
880-67371-7	FL 7 @ 3'	Total/NA	Solid	8015 NM	
880-67371-8	FL 8 @ 3'	Total/NA	Solid	8015 NM	
880-67371-9	FL 9 @ 3'	Total/NA	Solid	8015 NM	
880-67371-10	FL 10 @ 3'	Total/NA	Solid	8015 NM	
880-67371-11	FL 11 @ 3'	Total/NA	Solid	8015 NM	
880-67371-12	FL 12 @ 3'	Total/NA	Solid	8015 NM	
880-67371-13	FL 13 @ 3'	Total/NA	Solid	8015 NM	
880-67371-14	FL 14 @ 3'	Total/NA	Solid	8015 NM	
880-67371-15	FL 15 @ 3'	Total/NA	Solid	8015 NM	
880-67371-16	FL 16 @ 3'	Total/NA	Solid	8015 NM	
880-67371-17	NW 1	Total/NA	Solid	8015 NM	
880-67371-18	NW 2	Total/NA	Solid	8015 NM	
880-67371-19	EW 1	Total/NA	Solid	8015 NM	

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### QC Association Summary

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

#### GC Semi VOA (Continued)

##### Analysis Batch: 129818 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67371-20	EW 2	Total/NA	Solid	8015 NM	
880-67371-21	WW 1	Total/NA	Solid	8015 NM	
880-67371-22	WW 2	Total/NA	Solid	8015 NM	

#### General Chemistry

##### Leach Batch: 129532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67371-21	WW 1	Soluble	Solid	DI Leach	
880-67371-22	WW 2	Soluble	Solid	DI Leach	

##### Leach Batch: 129742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67371-1	FL 1 @ 4'	Soluble	Solid	DI Leach	
880-67371-2	FL 2 @ 4'	Soluble	Solid	DI Leach	
880-67371-3	FL 3 @ 4'	Soluble	Solid	DI Leach	
880-67371-4	FL 4 @ 4'	Soluble	Solid	DI Leach	
880-67371-5	FL 5 @ 3'	Soluble	Solid	DI Leach	
880-67371-6	FL 6 @ 3'	Soluble	Solid	DI Leach	
880-67371-7	FL 7 @ 3'	Soluble	Solid	DI Leach	
880-67371-8	FL 8 @ 3'	Soluble	Solid	DI Leach	
880-67371-9	FL 9 @ 3'	Soluble	Solid	DI Leach	
880-67371-10	FL 10 @ 3'	Soluble	Solid	DI Leach	
880-67371-11	FL 11 @ 3'	Soluble	Solid	DI Leach	
880-67371-12	FL 12 @ 3'	Soluble	Solid	DI Leach	
880-67371-13	FL 13 @ 3'	Soluble	Solid	DI Leach	
880-67371-14	FL 14 @ 3'	Soluble	Solid	DI Leach	
880-67371-15	FL 15 @ 3'	Soluble	Solid	DI Leach	
880-67371-16	FL 16 @ 3'	Soluble	Solid	DI Leach	
880-67371-17	NW 1	Soluble	Solid	DI Leach	
880-67371-18	NW 2	Soluble	Solid	DI Leach	
880-67371-19	EW 1	Soluble	Solid	DI Leach	
880-67371-20	EW 2	Soluble	Solid	DI Leach	
MB 880-129742/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-129742/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-129742/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-67371-1 MS	FL 1 @ 4'	Soluble	Solid	DI Leach	
880-67371-1 MSD	FL 1 @ 4'	Soluble	Solid	DI Leach	
880-67371-11 MS	FL 11 @ 3'	Soluble	Solid	DI Leach	
880-67371-11 MSD	FL 11 @ 3'	Soluble	Solid	DI Leach	

##### Analysis Batch: 129815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67371-1	FL 1 @ 4'	Soluble	Solid	SM 4500 CI- E	129742
880-67371-2	FL 2 @ 4'	Soluble	Solid	SM 4500 CI- E	129742
880-67371-3	FL 3 @ 4'	Soluble	Solid	SM 4500 CI- E	129742
880-67371-4	FL 4 @ 4'	Soluble	Solid	SM 4500 CI- E	129742
880-67371-5	FL 5 @ 3'	Soluble	Solid	SM 4500 CI- E	129742
880-67371-6	FL 6 @ 3'	Soluble	Solid	SM 4500 CI- E	129742
880-67371-7	FL 7 @ 3'	Soluble	Solid	SM 4500 CI- E	129742
880-67371-8	FL 8 @ 3'	Soluble	Solid	SM 4500 CI- E	129742

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## QC Association Summary

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

## General Chemistry (Continued)

## Analysis Batch: 129815 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67371-9	FL 9 @ 3'	Soluble	Solid	SM 4500 CI- E	129742
880-67371-10	FL 10 @ 3'	Soluble	Solid	SM 4500 CI- E	129742
880-67371-11	FL 11 @ 3'	Soluble	Solid	SM 4500 CI- E	129742
880-67371-12	FL 12 @ 3'	Soluble	Solid	SM 4500 CI- E	129742
880-67371-13	FL 13 @ 3'	Soluble	Solid	SM 4500 CI- E	129742
880-67371-14	FL 14 @ 3'	Soluble	Solid	SM 4500 CI- E	129742
880-67371-15	FL 15 @ 3'	Soluble	Solid	SM 4500 CI- E	129742
880-67371-16	FL 16 @ 3'	Soluble	Solid	SM 4500 CI- E	129742
880-67371-17	NW 1	Soluble	Solid	SM 4500 CI- E	129742
880-67371-18	NW 2	Soluble	Solid	SM 4500 CI- E	129742
880-67371-19	EW 1	Soluble	Solid	SM 4500 CI- E	129742
880-67371-20	EW 2	Soluble	Solid	SM 4500 CI- E	129742
880-67371-21	WW 1	Soluble	Solid	SM 4500 CI- E	129532
880-67371-22	WW 2	Soluble	Solid	SM 4500 CI- E	129532
MB 880-129742/1-A	Method Blank	Soluble	Solid	SM 4500 CI- E	129742
LCS 880-129742/2-A	Lab Control Sample	Soluble	Solid	SM 4500 CI- E	129742
LCSD 880-129742/3-A	Lab Control Sample Dup	Soluble	Solid	SM 4500 CI- E	129742
880-67371-1 MS	FL 1 @ 4'	Soluble	Solid	SM 4500 CI- E	129742
880-67371-1 MSD	FL 1 @ 4'	Soluble	Solid	SM 4500 CI- E	129742
880-67371-11 MS	FL 11 @ 3'	Soluble	Solid	SM 4500 CI- E	129742
880-67371-11 MSD	FL 11 @ 3'	Soluble	Solid	SM 4500 CI- E	129742

### Lab Chronicle

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

**Client Sample ID: FL 1 @ 4'**

**Lab Sample ID: 880-67371-1**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	129774	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129598	01/22/26 22:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129847	01/22/26 22:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			129818	01/22/26 23:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	129743	01/22/26 16:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129620	01/22/26 23:08	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	10 mL	129742	01/22/26 16:19	CS	EET MID
Soluble	Analysis	SM 4500 CI- E		1	10 mL	10 mL	129815	01/23/26 10:29	CS	EET MID

**Client Sample ID: FL 2 @ 4'**

**Lab Sample ID: 880-67371-2**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	129774	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129598	01/22/26 23:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129847	01/22/26 23:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			129818	01/22/26 23:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	129743	01/22/26 16:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129620	01/22/26 23:50	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	10 mL	129742	01/22/26 16:19	CS	EET MID
Soluble	Analysis	SM 4500 CI- E		1	10 mL	10 mL	129815	01/23/26 10:31	CS	EET MID

**Client Sample ID: FL 3 @ 4'**

**Lab Sample ID: 880-67371-3**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	129774	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129598	01/22/26 23:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129847	01/22/26 23:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			129818	01/23/26 00:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129743	01/22/26 16:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129620	01/23/26 00:04	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	10 mL	129742	01/22/26 16:19	CS	EET MID
Soluble	Analysis	SM 4500 CI- E		1.1	10 mL	10 mL	129815	01/23/26 10:55	CS	EET MID

**Client Sample ID: FL 4 @ 4'**

**Lab Sample ID: 880-67371-4**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	129774	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129598	01/22/26 23:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129847	01/22/26 23:49	SA	EET MID

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### Lab Chronicle

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

**Client Sample ID: FL 4 @ 4'**

**Lab Sample ID: 880-67371-4**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			129818	01/23/26 00:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	129743	01/22/26 16:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129620	01/23/26 00:18	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	10 mL	129742	01/22/26 16:19	CS	EET MID
Soluble	Analysis	SM 4500 CI- E		1	10 mL	10 mL	129815	01/23/26 10:32	CS	EET MID

**Client Sample ID: FL 5 @ 3'**

**Lab Sample ID: 880-67371-5**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	129774	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129598	01/23/26 00:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129847	01/23/26 00:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			129818	01/23/26 00:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129743	01/22/26 16:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129620	01/23/26 00:32	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	10 mL	129742	01/22/26 16:19	CS	EET MID
Soluble	Analysis	SM 4500 CI- E		1	10 mL	10 mL	129815	01/23/26 10:32	CS	EET MID

**Client Sample ID: FL 6 @ 3'**

**Lab Sample ID: 880-67371-6**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	129774	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129598	01/23/26 00:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129847	01/23/26 00:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			129818	01/23/26 00:46	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	129743	01/22/26 16:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129620	01/23/26 00:46	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	10 mL	129742	01/22/26 16:19	CS	EET MID
Soluble	Analysis	SM 4500 CI- E		1	10 mL	10 mL	129815	01/23/26 10:34	CS	EET MID

**Client Sample ID: FL 7 @ 3'**

**Lab Sample ID: 880-67371-7**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	129774	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129598	01/23/26 00:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129847	01/23/26 00:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			129818	01/23/26 01:01	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	129743	01/22/26 16:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129620	01/23/26 01:01	FC	EET MID

Eurofins Midland

### Lab Chronicle

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

**Client Sample ID: FL 7 @ 3'**

**Lab Sample ID: 880-67371-7**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	10 mL	129742	01/22/26 16:19	CS	EET MID
Soluble	Analysis	SM 4500 Cl- E		1	10 mL	10 mL	129815	01/23/26 10:34	CS	EET MID

**Client Sample ID: FL 8 @ 3'**

**Lab Sample ID: 880-67371-8**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	129774	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129598	01/23/26 01:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129847	01/23/26 01:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			129818	01/23/26 01:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	129743	01/22/26 16:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129620	01/23/26 01:14	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	10 mL	129742	01/22/26 16:19	CS	EET MID
Soluble	Analysis	SM 4500 Cl- E		1	10 mL	10 mL	129815	01/23/26 10:35	CS	EET MID

**Client Sample ID: FL 9 @ 3'**

**Lab Sample ID: 880-67371-9**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	129774	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129598	01/23/26 01:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129847	01/23/26 01:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			129818	01/23/26 01:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129743	01/22/26 16:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129620	01/23/26 01:29	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	10 mL	129742	01/22/26 16:19	CS	EET MID
Soluble	Analysis	SM 4500 Cl- E		1	10 mL	10 mL	129815	01/23/26 10:35	CS	EET MID

**Client Sample ID: FL 10 @ 3'**

**Lab Sample ID: 880-67371-10**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	129774	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129598	01/23/26 01:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129847	01/23/26 01:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			129818	01/23/26 01:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	129743	01/22/26 16:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129620	01/23/26 01:43	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	10 mL	129742	01/22/26 16:19	CS	EET MID
Soluble	Analysis	SM 4500 Cl- E		5	10 mL	10 mL	129815	01/23/26 10:36	CS	EET MID

### Lab Chronicle

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

**Client Sample ID: FL 11 @ 3'**

**Lab Sample ID: 880-67371-11**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	129774	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129598	01/23/26 03:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129847	01/23/26 03:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			129818	01/23/26 02:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	129743	01/22/26 16:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129620	01/23/26 02:11	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	10 mL	129742	01/22/26 16:19	CS	EET MID
Soluble	Analysis	SM 4500 CI- E		5	10 mL	10 mL	129815	01/23/26 10:36	CS	EET MID

**Client Sample ID: FL 12 @ 3'**

**Lab Sample ID: 880-67371-12**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	129774	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129598	01/23/26 03:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129847	01/23/26 03:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			129818	01/23/26 02:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129743	01/22/26 16:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129620	01/23/26 02:26	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	10 mL	129742	01/22/26 16:19	CS	EET MID
Soluble	Analysis	SM 4500 CI- E		1	10 mL	10 mL	129815	01/23/26 10:38	CS	EET MID

**Client Sample ID: FL 13 @ 3'**

**Lab Sample ID: 880-67371-13**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	129774	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129598	01/23/26 04:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129847	01/23/26 04:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			129818	01/23/26 02:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	129743	01/22/26 16:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129620	01/23/26 02:40	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	10 mL	129742	01/22/26 16:19	CS	EET MID
Soluble	Analysis	SM 4500 CI- E		1	10 mL	10 mL	129815	01/23/26 10:38	CS	EET MID

**Client Sample ID: FL 14 @ 3'**

**Lab Sample ID: 880-67371-14**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	129774	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129598	01/23/26 04:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129847	01/23/26 04:28	SA	EET MID

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### Lab Chronicle

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

**Client Sample ID: FL 14 @ 3'**

**Lab Sample ID: 880-67371-14**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			129818	01/23/26 02:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	129743	01/22/26 16:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129620	01/23/26 02:54	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	10 mL	129742	01/22/26 16:19	CS	EET MID
Soluble	Analysis	SM 4500 Cl- E		1	10 mL	10 mL	129815	01/23/26 10:40	CS	EET MID

**Client Sample ID: FL 15 @ 3'**

**Lab Sample ID: 880-67371-15**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	129774	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129598	01/23/26 04:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129847	01/23/26 04:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			129818	01/23/26 03:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129743	01/22/26 16:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129620	01/23/26 03:08	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	10 mL	129742	01/22/26 16:19	CS	EET MID
Soluble	Analysis	SM 4500 Cl- E		1	10 mL	10 mL	129815	01/23/26 10:40	CS	EET MID

**Client Sample ID: FL 16 @ 3'**

**Lab Sample ID: 880-67371-16**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	129774	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129598	01/23/26 05:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129847	01/23/26 05:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			129818	01/23/26 03:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	129743	01/22/26 16:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129620	01/23/26 03:22	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	10 mL	129742	01/22/26 16:19	CS	EET MID
Soluble	Analysis	SM 4500 Cl- E		1	10 mL	10 mL	129815	01/23/26 10:41	CS	EET MID

**Client Sample ID: NW 1**

**Lab Sample ID: 880-67371-17**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	129774	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129598	01/23/26 05:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129847	01/23/26 05:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			129818	01/23/26 03:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129743	01/22/26 16:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129620	01/23/26 03:36	FC	EET MID

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### Lab Chronicle

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

**Client Sample ID: NW 1**

**Lab Sample ID: 880-67371-17**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	10 mL	129742	01/22/26 16:19	CS	EET MID
Soluble	Analysis	SM 4500 Cl- E		1	10 mL	10 mL	129815	01/23/26 10:41	CS	EET MID

**Client Sample ID: NW 2**

**Lab Sample ID: 880-67371-18**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	129774	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129598	01/23/26 05:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129847	01/23/26 05:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			129818	01/23/26 03:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	129743	01/22/26 16:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129620	01/23/26 03:50	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	10 mL	129742	01/22/26 16:19	CS	EET MID
Soluble	Analysis	SM 4500 Cl- E		1	10 mL	10 mL	129815	01/23/26 10:41	CS	EET MID

**Client Sample ID: EW 1**

**Lab Sample ID: 880-67371-19**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	129774	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129598	01/23/26 06:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129847	01/23/26 06:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			129818	01/23/26 04:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129743	01/22/26 16:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129620	01/23/26 04:04	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	10 mL	129742	01/22/26 16:19	CS	EET MID
Soluble	Analysis	SM 4500 Cl- E		1	10 mL	10 mL	129815	01/23/26 10:42	CS	EET MID

**Client Sample ID: EW 2**

**Lab Sample ID: 880-67371-20**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	129774	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129598	01/23/26 06:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129847	01/23/26 06:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			129818	01/23/26 04:18	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	129743	01/22/26 16:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129620	01/23/26 04:18	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	10 mL	129742	01/22/26 16:19	CS	EET MID
Soluble	Analysis	SM 4500 Cl- E		1	10 mL	10 mL	129815	01/23/26 10:42	CS	EET MID

Eurofins Midland

### Lab Chronicle

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

**Client Sample ID: WW 1**

**Lab Sample ID: 880-67371-21**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	129777	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129597	01/22/26 22:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129847	01/22/26 22:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			129818	01/23/26 02:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	129744	01/22/26 16:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129618	01/23/26 02:54	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	10 mL	129532	01/22/26 16:10	SA	EET MID
Soluble	Analysis	SM 4500 Cl- E		1	10 mL	10 mL	129815	01/23/26 10:43	CS	EET MID

**Client Sample ID: WW 2**

**Lab Sample ID: 880-67371-22**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/22/26 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	129777	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129597	01/22/26 23:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129847	01/22/26 23:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			129818	01/23/26 03:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129744	01/22/26 16:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129618	01/23/26 03:08	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	10 mL	129532	01/22/26 16:10	SA	EET MID
Soluble	Analysis	SM 4500 Cl- E		1	10 mL	10 mL	129815	01/23/26 10:43	CS	EET MID

**Laboratory References:**

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

### Accreditation/Certification Summary

Client: Etech Environmental & Safety Solutions  
Project/Site: Paske South Battery

Job ID: 880-67371-1  
SDG: 23396

#### Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
SM 4500 Cl- E		Solid	Chloride
Total BTEX		Solid	Total BTEX

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### Method Summary

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
SM 4500 Cl- E	Chloride, Total	SM	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

**Protocol References:**

- ASTM = ASTM International
- SM = "Standard Methods For The Examination Of Water And Wastewater"
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

**Laboratory References:**

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



### Sample Summary

Client: Etech Environmental & Safety Solutions  
 Project/Site: Paske South Battery

Job ID: 880-67371-1  
 SDG: 23396

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-67371-1	FL 1 @ 4'	Solid	01/22/26 00:00	01/22/26 14:59	4'
880-67371-2	FL 2 @ 4'	Solid	01/22/26 00:00	01/22/26 14:59	4'
880-67371-3	FL 3 @ 4'	Solid	01/22/26 00:00	01/22/26 14:59	4'
880-67371-4	FL 4 @ 4'	Solid	01/22/26 00:00	01/22/26 14:59	4'
880-67371-5	FL 5 @ 3'	Solid	01/22/26 00:00	01/22/26 14:59	3'
880-67371-6	FL 6 @ 3'	Solid	01/22/26 00:00	01/22/26 14:59	3'
880-67371-7	FL 7 @ 3'	Solid	01/22/26 00:00	01/22/26 14:59	3'
880-67371-8	FL 8 @ 3'	Solid	01/22/26 00:00	01/22/26 14:59	3'
880-67371-9	FL 9 @ 3'	Solid	01/22/26 00:00	01/22/26 14:59	3'
880-67371-10	FL 10 @ 3'	Solid	01/22/26 00:00	01/22/26 14:59	3'
880-67371-11	FL 11 @ 3'	Solid	01/22/26 00:00	01/22/26 14:59	3'
880-67371-12	FL 12 @ 3'	Solid	01/22/26 00:00	01/22/26 14:59	3'
880-67371-13	FL 13 @ 3'	Solid	01/22/26 00:00	01/22/26 14:59	3'
880-67371-14	FL 14 @ 3'	Solid	01/22/26 00:00	01/22/26 14:59	3'
880-67371-15	FL 15 @ 3'	Solid	01/22/26 00:00	01/22/26 14:59	3'
880-67371-16	FL 16 @ 3'	Solid	01/22/26 00:00	01/22/26 14:59	3'
880-67371-17	NW 1	Solid	01/22/26 00:00	01/22/26 14:59	
880-67371-18	NW 2	Solid	01/22/26 00:00	01/22/26 14:59	
880-67371-19	EW 1	Solid	01/22/26 00:00	01/22/26 14:59	
880-67371-20	EW 2	Solid	01/22/26 00:00	01/22/26 14:59	
880-67371-21	WW 1	Solid	01/22/26 00:00	01/22/26 14:59	
880-67371-22	WW 2	Solid	01/22/26 00:00	01/22/26 14:59	

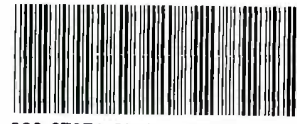
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Environment Testing Xenco

### Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300  
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334  
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296  
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199



V 880-67371 Chain of Custody

www.xenco.com Page 1 of 3

Project Manager:	Lance Crenshaw	Bill to: (if different)	Matthew Taylor
Company Name:	Etech Environmental & Safety Solutions	Company Name:	Permian Resources Operating, LLC
Address:	2617 West Marland	Address:	
City, State ZIP:	Hobbs, NM 88240	City, State ZIP:	
Phone:	(575) 264-9884	Email:	Matthew.Taylor@permianres.com; PM@etechenv.com

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> PRF <input type="checkbox"/> Brownfield <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRF <input type="checkbox"/> Level I <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:		Turn Around		ANALYSIS REQUEST										Preservative Codes					
Project Number:	23396	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush	Pres. Code													None: NO	DI Water: H <sub>2</sub> O	
Project Location:	32.563786, -103.726831	Due Date:	ASAP	Parameters													Cool: Cool	MeOH: Me	
Sampler's Name:	Addison Elston	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO <sub>3</sub> : HN	
PO #:																	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na	
<b>SAMPLE RECEIPT</b>	Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																H <sub>3</sub> PO <sub>4</sub> : HP	
Samples Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	TR5															NaHSO <sub>4</sub> : NABIS	
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:	1															Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	-2.2e														Zn Acetate+NaOH: Zn		
Total Containers:		Corrected Temperature:	-2.7														NaOH+Ascorbic Acid: SAPC		
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	BTEX (SW 846 8021B)	TPH (SW 846 8015M Ext.)	Cl- (SM 4500)										Sample Comments
FL 1 @ 4'	Soil	1/22/2026		4	C	1	X	X	X										
FL 2 @ 4'	Soil	1/22/2026		4	C	1	X	X	X										
FL 3 @ 4'	Soil	1/22/2026		4	C	1	X	X	X										
FL 4 @ 4'	Soil	1/22/2026		4	C	1	X	X	X										
FL 5 @ 3'	Soil	1/22/2026		3	C	1	X	X	X										
FL 6 @ 3'	Soil	1/22/2026		3	C	1	X	X	X										
FL 7 @ 3'	Soil	1/22/2026		3	C	1	X	X	X										
FL 8 @ 3'	Soil	1/22/2026		3	C	1	X	X	X										
FL 9 @ 3'	Soil	1/22/2026		3	C	1	X	X	X										
FL 10 @ 3'	Soil	1/22/2026		3	C	1	X	X	X										

<b>Total 200.7 / 6010</b>	<b>200.8 / 6020:</b>	8RCRA	13PPM	Texas 11	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	SiO <sub>2</sub>	Na	Sr	Ti	Sn	U	V	Zn
Circle Method(s) and Metal(s) to be analyzed		<b>TCLP / SPLP 6010:</b>										8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471																				

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Environment Testing Xenco

### Chain of Custody

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: \_\_\_\_\_

www.xenco.com Page **2** of **3**

Project Manager:	Lance Crenshaw	Bill to: (if different)	Matthew Taylor
Company Name:	Etech Environmental & Safety Solutions	Company Name:	Permian Resources Operating, LLC
Address:	2617 West Marland	Address:	
City, State ZIP:	Hobbs, NM 88240	City, State ZIP:	
Phone:	(575)-264-9884	Email:	Matthew.Taylor@permianres.com; PM@etechenv.com

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> PRF <input type="checkbox"/> Brownfield <input type="checkbox"/> RRF <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRF <input type="checkbox"/> Level I <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: _____

Project Name:	Pakse South Battery		Turn Around		ANALYSIS REQUEST										Preservative Codes								
Project Number:	23396		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code													None: NO	DI Water: H <sub>2</sub> O				
Project Location:	32.563786, -103.726831		Due Date:	ASAP	Parameters	BTEX (SW 846 8021B)	TPH (SW 846 8015M Ext.)	Cl- (SM 4500)										Cool: Cool	MeOH: Me				
Sampler's Name:	Addison Elston		TAT starts the day received by the lab, if received by 4:30pm																		HCL: HC	HNO <sub>3</sub> : HN	
PO #:																					H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na	
<b>SAMPLE RECEIPT</b>		Temp Blank:	Yes	No					Wet Ice:	Yes	No											H <sub>3</sub> PO <sub>4</sub> : HP	
Samples Received Intact:	Yes	No	Thermometer ID:																			NaHSO <sub>4</sub> : NABIS	
Cooler Custody Seals:	Yes	No	Correction Factor:															Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>					
Sample Custody Seals:	Yes	No	Temperature Reading:															Zn Acetate+NaOH: Zn					
Total Containers:			Corrected Temperature:															NaOH+Ascorbic Acid: SAPC					

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	BTEX (SW 846 8021B)	TPH (SW 846 8015M Ext.)	Cl- (SM 4500)											Sample Comments
FL 11 @ 3'	Soil	1/22/2026		3	C	1	X	X	X											
FL 12 @ 3'	Soil	1/22/2026		3	C	1	X	X	X											
FL 13 @ 3'	Soil	1/22/2026		3	C	1	X	X	X											
FL 14 @ 3'	Soil	1/22/2026		3	C	1	X	X	X											
FL 15 @ 3'	Soil	1/22/2026		3	C	1	X	X	X											
FL 16 @ 3'	Soil	1/22/2026		3	C	1	X	X	X											
NW 1	Soil	1/22/2026			C	1	X	X	X											
NW 2	Soil	1/22/2026			C	1	X	X	X											
EW 1	Soil	1/22/2026			C	1	X	X	X											
EW 2	Soil	1/22/2026			C	1	X	X	X											

<b>Total 200.7 / 6010</b>	<b>200.8 / 6020:</b>	8RCRA	13PPM	Texas 11	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	SiO <sub>2</sub>	Na	Sr	Tl	Sn	U	V	Zn				
Circle Method(s) and Metal(s) to be analyzed		<b>TCLP / SPLP 6010:</b>		8RCRA	Sb	As	Ba	Be	Cd	Cr	Co	Cu	Pb	Mn	Mo	Ni	Se	Ag	Tl	U	Hg: 1631 / 245.1 / 7470 / 7471															

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Environment Testing Xenco

### Chain of Custody

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Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334  
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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: \_\_\_\_\_

www.xenco.com Page **3** of **3**

Project Manager:	Lance Crenshaw	Bill to: (if different)	Matthew Taylor
Company Name:	Etech Environmental & Safety Solutions	Company Name:	Permian Resources Operating, LLC
Address:	2617 West Marland	Address:	
City, State ZIP:	Hobbs, NM 88240	City, State ZIP:	
Phone:	(575) 264-9884	Email:	Matthew.Taylor@permianres.com; PM@etechenv.com

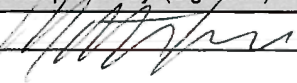


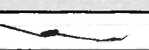
Work Order Comments	
Program:	UST/PST <input type="checkbox"/> PRF <input type="checkbox"/> Brownfield <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRF <input type="checkbox"/> Level I <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:		Turn Around		ANALYSIS REQUEST												Preservative Codes							
Project Number:	23396	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush	Pres. Code														None: NO	DI Water: H <sub>2</sub> O				
Project Location:	32.563786, -103.726831	Due Date:	ASAP	Parameters	BTEX (SW 846 8021B)	TPH (SW 846 8015M Ext.)	Cl- (SM 4500)											Cool: Cool	MeOH: Me				
Sampler's Name:	Addison Elston	TAT starts the day received by the lab, if received by 4:30pm																			HCL: HC	HNO <sub>3</sub> : HN	
PO #:																					H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	Yes No					Wet Ice:	Yes No													H <sub>3</sub> PO <sub>4</sub> : HP	
Samples Received Intact:	Yes No	Thermometer ID:																				NaHSO <sub>4</sub> : NABIS	
Cooler Custody Seals:	Yes No N/A	Correction Factor:																				Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
Sample Custody Seals:	Yes No N/A	Temperature Reading:																Zn Acetate+NaOH: Zn					
Total Containers:		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC					
Sample Identification		Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont												Sample Comments				
WW 1		Soil	1/22/2026			C	1	X	X	X													
WW 2		Soil	1/22/2026			C	1	X	X	X													

<b>Total 200.7 / 6010</b>	<b>200.8 / 6020:</b>	8RCRA	13PPM	Texas	11	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	SiO <sub>2</sub>	Na	Sr	Tl	Sn	U	V	Zn					
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA																				Sb	As	Ba	Be	Cd	Cr	Co	Cu	Pb	Mn	Mo	Ni	Se	Ag	Tl	U	Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 		1-22-26 1459	2 		1-22-26 1700
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

### Login Sample Receipt Checklist

Client: Etech Environmental & Safety Solutions

Job Number: 880-67371-1

SDG Number: 23396

**Login Number: 67371**

**List Number: 1**

**Creator: Neeld, Linsey**

**List Source: Eurofins Midland**

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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

---

July 10, 2025

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: SMITH RANCH PIT

Enclosed are the results of analyses for samples received by the laboratory on 07/03/25 14:49.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

Etech Environmental & Safety Solutions  
 JOEL LOWRY  
 2617 W MARLAND  
 HOBBS NM, 88240  
 Fax To:

Received:	07/03/2025	Sampling Date:	07/03/2025
Reported:	07/10/2025	Sampling Type:	Soil
Project Name:	SMITH RANCH PIT	Sampling Condition:	Cool & Intact
Project Number:	21343	Sample Received By:	Alyssa Parras
Project Location:	32.629727, -103.610314		

**Sample ID: SMITH RANCH PIT (H254026-01)**

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	07/08/2025	ND	2.24	112	2.00	3.20	
Toluene*	<0.050	0.050	07/08/2025	ND	2.29	115	2.00	3.25	
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.30	115	2.00	2.95	
Total Xylenes*	<0.150	0.150	07/08/2025	ND	7.18	120	6.00	2.79	
Total BTEX	<0.300	0.300	07/08/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/08/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	217	108	200	3.64	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	211	106	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 85.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.1 % 40.6-153

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



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

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

Company Name: Etech Environmental				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																					
Project Manager: Joel Lowry				P.O. #:																									
Address: 2617 W Marland Blvd				Company: Etech Environmental																									
City: Hobbs		State: NM		Zip: 88240		Attn:																							
Phone #: (575) 264-9884		Fax #:		Address:																									
Project #: 21343		Project Owner: Etech		City:																									
Project Name: Smith Ranch Pit				State: Zip:																									
Project Location: GPS: 32.629727°, -103.610314°				Phone #:																									
Sampler Name: Zach Conder				Fax #:																									
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.		SAMPLING																		
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH	BTEX 8021											
	135102a	Smith Ranch Pit	G	1			X							X	7/3/25	8:30	X	X	X										

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Relinquished By:	Date: 7.3.25	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: 1449		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS: Email copy of COC and results to: <a href="mailto:PM@etechenv.com">PM@etechenv.com</a>	
	Time:			
Delivered By: (Circle One)	-7.30 / Cto30	Sample Condition	CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:	-7.00 / #140	Cool <input type="checkbox"/> Yes <input type="checkbox"/> No	Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	
			AP	

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476  
FORM-006 R 2.0

## **Appendix D**

### **Soil Type Information**

## Lea County, New Mexico

### SR—Simona-Upton association

#### Map Unit Setting

*National map unit symbol:* dmr3  
*Landscape:* Tablelands  
*Elevation:* 3,000 to 4,400 feet  
*Mean annual precipitation:* 10 to 16 inches  
*Mean annual air temperature:* 58 to 62 degrees F  
*Frost-free period:* 190 to 205 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

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

#### Description of Simona

##### Setting

*Landscape:* Tablelands  
*Landform:* Ridges  
*Landform position (two-dimensional):* Shoulder  
*Landform position (three-dimensional):* Rise  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Parent material:* Calcareous eolian deposits derived from sedimentary rock

##### Typical profile

*A - 0 to 8 inches:* gravelly fine sandy loam  
*Bk - 8 to 16 inches:* fine sandy loam  
*Bkm - 16 to 26 inches:* cemented material

##### Properties and qualities

*Slope:* 0 to 3 percent  
*Depth to restrictive feature:* 7 to 20 inches to petrocalcic  
*Drainage class:* Well drained  
*Runoff class:* Very high  
*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 50 percent  
*Gypsum, maximum content:* 1 percent  
*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 2.0

Map Unit Description: Simona-Upton association---Lea County, New Mexico

Pakse South Battery  
(nAPP2532232051)*Available water supply, 0 to 60 inches:* Very low (about 1.9 inches)**Interpretive groups***Land capability classification (irrigated):* None specified*Land capability classification (nonirrigated):* 7s*Hydrologic Soil Group:* D*Ecological site:* R070BD002NM - Shallow Sandy*Hydric soil rating:* No**Description of Upton****Setting***Landscape:* Tablelands*Landform:* Ridges*Landform position (two-dimensional):* Shoulder*Landform position (three-dimensional):* Rise*Down-slope shape:* Convex*Across-slope shape:* Linear*Parent material:* Calcareous eolian deposits derived from  
sedimentary rock**Typical profile***A - 0 to 8 inches:* gravelly loam*Bkm - 8 to 18 inches:* cemented material*Bck - 18 to 60 inches:* very gravelly loam**Properties and qualities***Slope:* 0 to 3 percent*Depth to restrictive feature:* 7 to 20 inches to petrocalcic*Drainage class:* Well drained*Runoff class:* Medium*Capacity of the most limiting layer to transmit water (Ksat):* Low to  
moderately high (0.01 to 0.60 in/hr)*Depth to water table:* More than 80 inches*Frequency of flooding:* None*Frequency of ponding:* None*Calcium carbonate, maximum content:* 75 percent*Gypsum, maximum content:* 1 percent*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0  
mmhos/cm)*Sodium adsorption ratio, maximum:* 2.0*Available water supply, 0 to 60 inches:* Very low (about 0.9 inches)**Interpretive groups***Land capability classification (irrigated):* 6e*Land capability classification (nonirrigated):* 7s*Hydrologic Soil Group:* D*Ecological site:* R070BC025NM - Shallow*Hydric soil rating:* No**Minor Components****Kimbrough***Percent of map unit:* 6 percent

Map Unit Description: Simona-Upton association---Lea County, New Mexico

Pakse South Battery  
(nAPP2532232051)

*Ecological site:* R077CY037TX - Very Shallow 16-21" PZ  
*Hydric soil rating:* No

**Stegall**

*Percent of map unit:* 5 percent  
*Ecological site:* R077CY028TX - Limy Upland 16-21" PZ  
*Hydric soil rating:* No

**Slaughter**

*Percent of map unit:* 4 percent  
*Ecological site:* R077CY028TX - Limy Upland 16-21" PZ  
*Hydric soil rating:* No

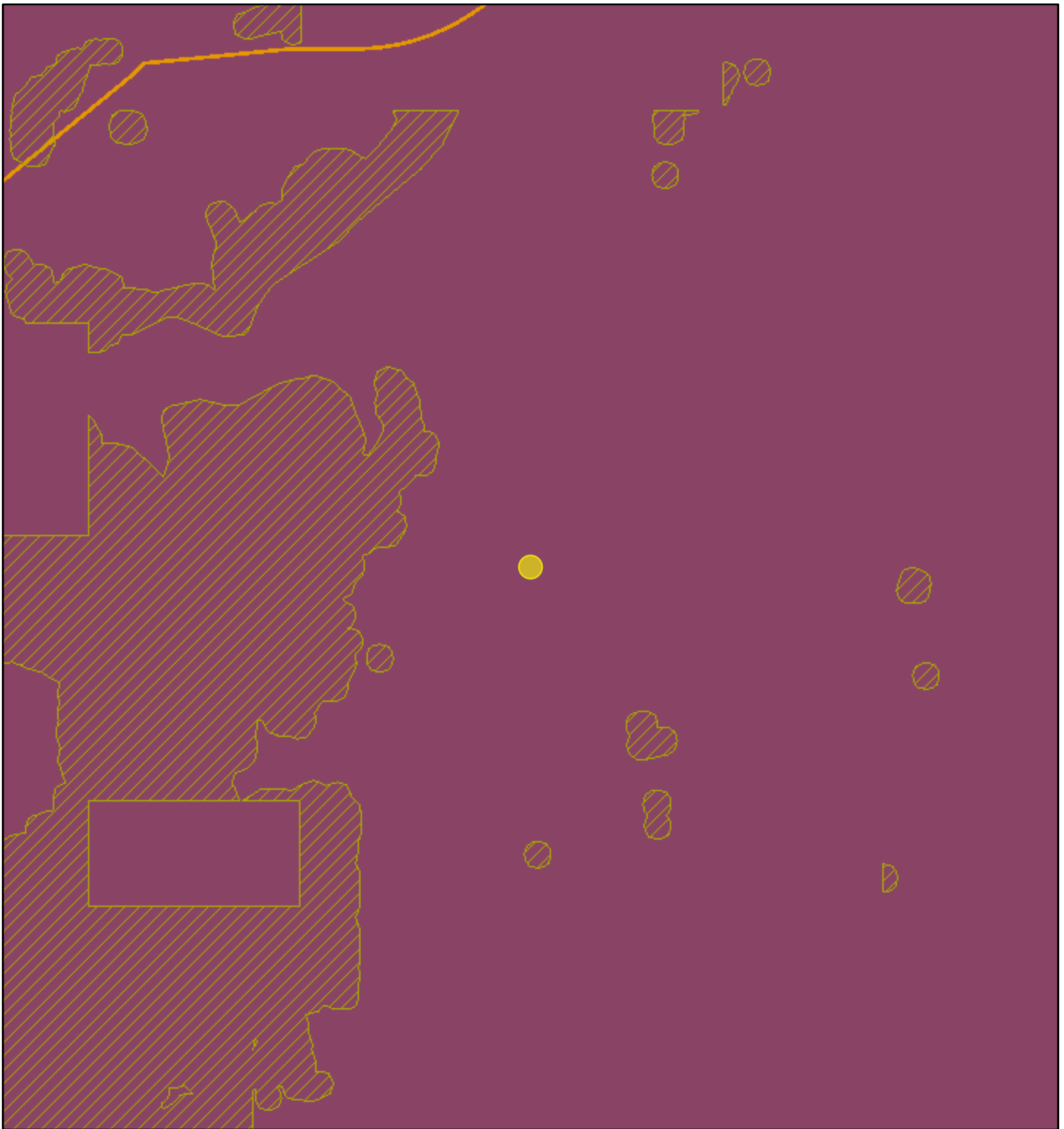
## Data Source Information

Soil Survey Area: Lea County, New Mexico  
Survey Area Data: Version 22, Sep 9, 2025

# **Appendix E**

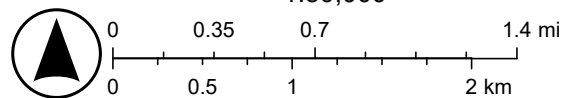
## **Plant and Wildlife Habitat Information**

# Pakse South Battery - Plant and Wildlife Habitat

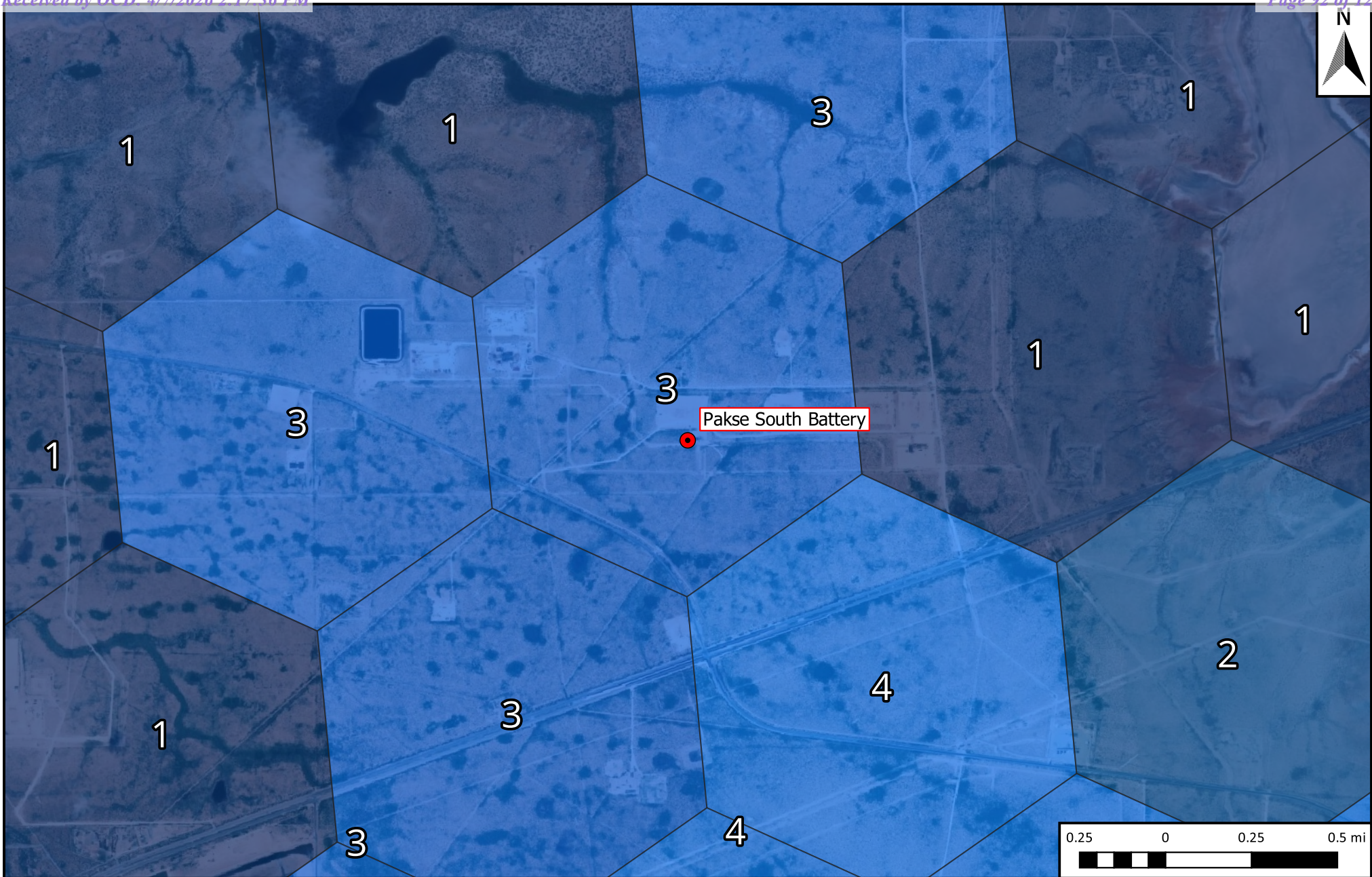


3/2/2026, 1:13:56 PM

- ArcGIS World Geocoding Service
- Lesser Prairie Chicken Habitat
- Potential Habitat (Planning Area Only)
- Scheer's beehive cactus
- Isolated Population Area
- Lesser Prairie Chicken TR
- Dunes Sage Brush Lizard Habitat



Bureau of Land Management - New Mexico State Office, Vantor



Legend	
	Site Location
	Priority Level 1
	Priority Level 2
	Priority Level 3
	Priority Level 4
	Priority Level 5
	Priority Level 6

**New Mexico Crucial Habitat Assessment Tool**  
 Permian Resources Operating, LLC  
 Pakse South Battery  
 GPS: 32.56379, -103.72683  
 Lea County, New Mexico

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

Drafted: mag      Checked: rlc      Date: 2026-03-05

**IPaC**

U.S. Fish &amp; Wildlife Service

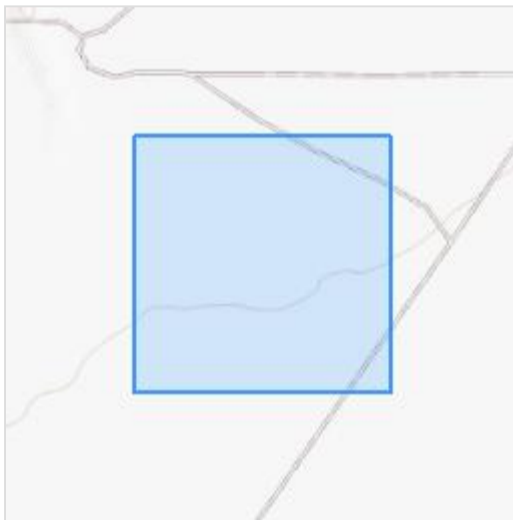
# IPaC resource list

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

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

## Location

Lea County, New Mexico



## Local office

New Mexico Ecological Services Field Office

☎ (505) 346-2525

📠 (505) 346-2542

2105 Osuna Road Ne  
Albuquerque, NM 87113-1001

# Endangered species

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

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

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

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

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

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

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

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

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

## Birds

NAME	STATUS
Northern Aplomado Falcon <i>Falco femoralis septentrionalis</i> No critical habitat has been designated for this species. <a href="https://ecos.fws.gov/ecp/species/1923">https://ecos.fws.gov/ecp/species/1923</a>	<a href="#">EXPN</a>

## Clams

NAME	STATUS
Texas Hornshell <i>Popenaias popeii</i> Wherever found There is <b>proposed</b> critical habitat for this species. Your location does not overlap the critical habitat. <a href="https://ecos.fws.gov/ecp/species/919">https://ecos.fws.gov/ecp/species/919</a>	Endangered

## Insects

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> Wherever found There is <b>proposed</b> critical habitat for this species. Your location does not overlap the critical habitat. <a href="https://ecos.fws.gov/ecp/species/9743">https://ecos.fws.gov/ecp/species/9743</a>	Proposed Threatened

## Critical habitats

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

There are no critical habitats at this location.

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

## Bald & Golden Eagles

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

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

Additional information can be found using the following links:

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

## Bald & Golden Eagles FAQs

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

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

### Proper interpretation and use of your eagle report

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

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

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

### Interpreting the Probability of Presence Graphs

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

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

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

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

at week 20 it is  $0.05/0.25 = 0.2$ .

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

#### Breeding Season ()

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

#### Survey Effort ()

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

#### No Data ()

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

#### Survey Timeframe

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

## Migratory birds

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

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.

Additional information can be found using the following links:

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

#### Measures for Proactively Minimizing Migratory Bird Impacts

Your IPaC Migratory Bird list showcases [birds of concern](#), including [Birds of Conservation Concern \(BCC\)](#), in your project location. This is not a comprehensive list of all birds found in your project area. However, you can help proactively minimize significant impacts to all birds at your project location by implementing the measures in the [Nationwide avoidance and minimization measures for birds](#) document, and any other project-specific avoidance and minimization measures suggested at the link [Measures for avoiding and minimizing impacts to birds](#) for the birds of concern on your list below.

#### Ensure Your Migratory Bird List is Accurate and Complete

If your project area is in a poorly surveyed area, your list may not be complete and you may need to rely on other resources to determine what species may be present (e.g. your local FWS field office, state surveys, your own surveys). Please review the [Supplemental Information on Migratory Birds and Eagles document](#), to help you properly interpret the report for your specified location, including determining if there is sufficient data to ensure your list is accurate.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the "Probability of Presence Summary" below to see when these birds are most likely to be present and breeding in your project area.

#### Review the FAQs

The FAQs below provide important additional information and resources.

NAME	BREEDING SEASON
Lesser Yellowlegs <i>Tringa flavipes</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. <a href="https://ecos.fws.gov/ecp/species/9679">https://ecos.fws.gov/ecp/species/9679</a>	Breeds elsewhere
Long-billed Curlew <i>Numenius americanus</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA <a href="https://ecos.fws.gov/ecp/species/5511">https://ecos.fws.gov/ecp/species/5511</a>	Breeds Apr 1 to Jul 31

**Northern Harrier *Circus hudsonius***

Breeds Apr 1 to Sep 15

This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA

<https://ecos.fws.gov/ecp/species/8350>

**Pectoral Sandpiper *Calidris melanotos***

Breeds elsewhere

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

## Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read ["Supplemental Information on Migratory Birds and Eagles"](#), specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

### Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

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

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is  $0.25/0.25 = 1$ ; at week 20 it is  $0.05/0.25 = 0.2$ .
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

### Breeding Season (■)

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

### Survey Effort (|)

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

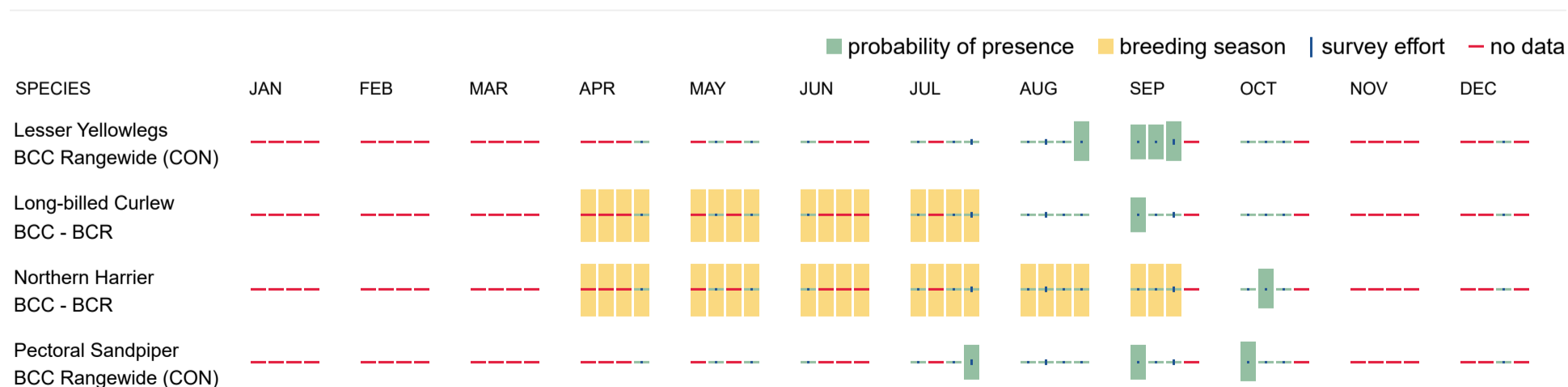
To see a bar's survey effort range, simply hover your mouse cursor over the bar.

### No Data (-)

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

### Survey Timeframe

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



## Migratory Bird FAQs

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

[Nationwide Avoidance & Minimization Measures for Birds](#) describes measures that can help avoid and minimize impacts to all birds at any location year-round. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is one of the most effective ways to minimize impacts. To see when birds are most likely to occur and breed in your project area, view the Probability of Presence Summary. [Additional](#)

[measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

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

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

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

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

### Why are subspecies showing up on my list?

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

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

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

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

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

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

### What are the levels of concern for migratory birds?

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

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

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

### Details about birds that are potentially affected by offshore projects

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

### Proper interpretation and use of your migratory bird report

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

**Interpreting the Probability of Presence Graphs**

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

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

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

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

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

**Breeding Season ()**

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

**Survey Effort ()**

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

**No Data ()**

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

**Survey Timeframe**

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

## Facilities

### National Wildlife Refuge lands

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

There are no refuge lands at this location.

### Fish hatcheries

There are no fish hatcheries at this location.

## Wetlands in the National Wetlands Inventory (NWI)

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

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

### Wetland information is not available at this time

This can happen when the National Wetlands Inventory (NWI) map service is unavailable, or for very large projects that intersect many wetland areas. Try again, or visit the [NWI map](#) to view wetlands at this location.

**Data limitations**

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

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

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

**Data exclusions**

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

**Data precautions**

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

NOT FOR CONSULTATION

# **Appendix F**

## **Regulatory Correspondence**

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS

Action 544355

**QUESTIONS**

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 544355
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2532232051
Incident Name	NAPP2532232051 PAKSE SOUTH BATTERY @ FAPP2333859751
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2333859751] Pakse South Fed Com Facility

<b>Location of Release Source</b>	
Site Name	Pakse South Battery
Date Release Discovered	11/17/2025
Surface Owner	Federal

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	3,088
What is the estimated number of samples that will be gathered	16
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/22/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Addison Elston, 432-236-1152
Please provide any information necessary for navigation to sampling site	Driving Directions: From the intersection of US-62 and Co Rd 243 (32.554725, -103.726013), head N on Co Rd 243 for 0.33 mi, then NE for 0.35 mi, then NW for 0.06 mi, then W for 0.06 mi to arrive at the Pakse South Battery (32.563786, -103.726831).

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**Santa Fe, NM 87505**

CONDITIONS

Action 544355

**CONDITIONS**

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 544355
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**CONDITIONS**

Created By	Condition	Condition Date
mtaylorpr	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/19/2026
mtaylorpr	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	1/19/2026

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

QUESTIONS

Action 544480

**QUESTIONS**

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 544480
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2532232051
Incident Name	NAPP2532232051 PAKSE SOUTH BATTERY @ FAPP2333859751
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2333859751] Pakse South Fed Com Facility

<b>Location of Release Source</b>	
Site Name	Pakse South Battery
Date Release Discovered	11/17/2025
Surface Owner	Federal

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	3,088
What is the estimated number of samples that will be gathered	16
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/23/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Addison Elston, 432-236-1152
Please provide any information necessary for navigation to sampling site	Driving Directions: From the intersection of US-62 and Co Rd 243 (32.554725, -103.726013), head N on Co Rd 243 for 0.33 mi, then NE for 0.35 mi, then NW for 0.06 mi, then W for 0.06 mi to arrive at the Pakse South Battery (32.563786, -103.726831).

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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 544480

**CONDITIONS**

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 544480
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**CONDITIONS**

Created By	Condition	Condition Date
mtaylorpr	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/20/2026
mtaylorpr	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	1/20/2026

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

QUESTIONS

Action 544487

**QUESTIONS**

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 544487
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2532232051
Incident Name	NAPP2532232051 PAKSE SOUTH BATTERY @ FAPP2333859751
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2333859751] Pakse South Fed Com Facility

<b>Location of Release Source</b>	
Site Name	Pakse South Battery
Date Release Discovered	11/17/2025
Surface Owner	Federal

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	3,088
What is the estimated number of samples that will be gathered	16
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/26/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Addison Elston, 432-236-1152
Please provide any information necessary for navigation to sampling site	Driving Directions: From the intersection of US-62 and Co Rd 243 (32.554725, -103.726013), head N on Co Rd 243 for 0.33 mi, then NE for 0.35 mi, then NW for 0.06 mi, then W for 0.06 mi to arrive at the Pakse South Battery (32.563786, -103.726831).

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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 544487

**CONDITIONS**

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 544487
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**CONDITIONS**

Created By	Condition	Condition Date
mtaylorpr	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/20/2026
mtaylorpr	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	1/20/2026

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

QUESTIONS

Action 544490

**QUESTIONS**

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 544490
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2532232051
Incident Name	NAPP2532232051 PAKSE SOUTH BATTERY @ FAPP2333859751
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2333859751] Pakse South Fed Com Facility

<b>Location of Release Source</b>	
Site Name	Pakse South Battery
Date Release Discovered	11/17/2025
Surface Owner	Federal

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	3,088
What is the estimated number of samples that will be gathered	16
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/27/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Addison Elston, 432-236-1152
Please provide any information necessary for navigation to sampling site	Driving Directions: From the intersection of US-62 and Co Rd 243 (32.554725, -103.726013), head N on Co Rd 243 for 0.33 mi, then NE for 0.35 mi, then NW for 0.06 mi, then W for 0.06 mi to arrive at the Pakse South Battery (32.563786, -103.726831).

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**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 544490

**CONDITIONS**

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 544490
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**CONDITIONS**

Created By	Condition	Condition Date
mtaylorpr	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/20/2026
mtaylorpr	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	1/20/2026

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**Santa Fe, NM 87505**

QUESTIONS

Action 544493

**QUESTIONS**

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 544493
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2532232051
Incident Name	NAPP2532232051 PAKSE SOUTH BATTERY @ FAPP2333859751
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2333859751] Pakse South Fed Com Facility

<b>Location of Release Source</b>	
Site Name	Pakse South Battery
Date Release Discovered	11/17/2025
Surface Owner	Federal

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	3,088
What is the estimated number of samples that will be gathered	16
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/28/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Addison Elston, 432-236-1152
Please provide any information necessary for navigation to sampling site	Driving Directions: From the intersection of US-62 and Co Rd 243 (32.554725, -103.726013), head N on Co Rd 243 for 0.33 mi, then NE for 0.35 mi, then NW for 0.06 mi, then W for 0.06 mi to arrive at the Pakse South Battery (32.563786, -103.726831).

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

CONDITIONS

Action 544493

**CONDITIONS**

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 544493
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**CONDITIONS**

Created By	Condition	Condition Date
mtaylorpr	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/20/2026
mtaylorpr	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	1/20/2026

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

QUESTIONS

Action 572403

**QUESTIONS**

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 572403
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2532232051
Incident Name	NAPP2532232051 PAKSE SOUTH BATTERY @ FAPP2333859751
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Facility	[fAPP2333859751] Pakse South Fed Com Facility

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	Pakse South Battery
Date Release Discovered	11/17/2025
Surface Owner	Federal

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

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Fitting   Produced Water   Released: 21 BBL   Recovered: 0 BBL   Lost: 21 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

QUESTIONS, Page 2

Action 572403

**QUESTIONS (continued)**

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 572403
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>No</b>
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

*With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.*

**Initial Response**

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

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

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

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

I hereby agree and sign off to the above statement	Name: Matthew Taylor Title: Environmental Coordinator Email: matthew.taylor@permianres.com Date: 04/07/2026
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QUESTIONS, Page 3

Action 572403

**QUESTIONS (continued)**

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 572403
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS****Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	Estimate or Other
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 500 and 1000 (ft.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 500 and 1000 (ft.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

**Remediation Plan**

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

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

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

Chloride (EPA 300.0 or SM4500 Cl B)	385
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	01/20/2026
On what date will (or did) the final sampling or liner inspection occur	01/22/2026
On what date will (or was) the remediation complete(d)	01/29/2026
What is the estimated surface area (in square feet) that will be reclaimed	4050
What is the estimated volume (in cubic yards) that will be reclaimed	216
What is the estimated surface area (in square feet) that will be remediated	4050
What is the estimated volume (in cubic yards) that will be remediated	216

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

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

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QUESTIONS, Page 4

Action 572403

**QUESTIONS (continued)**

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 572403
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

**Remediation Plan (continued)**

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

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	<a href="#">fEEM0112342028 LEA LAND LANDFILL</a>
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Matthew Taylor Title: Environmental Coordinator Email: <a href="mailto:matthew.taylor@permianres.com">matthew.taylor@permianres.com</a> Date: 04/07/2026
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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Action 572403

**QUESTIONS (continued)**

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
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**QUESTIONS**

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

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Action 572403

**QUESTIONS (continued)**

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 572403
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>544493</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>01/28/2026</b>
What was the (estimated) number of samples that were to be gathered	<b>16</b>
What was the sampling surface area in square feet	<b>3088</b>

**Remediation Closure Request**

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

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	4050
What was the total volume (cubic yards) remediated	216
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	4050
What was the total volume (in cubic yards) reclaimed	216
Summarize any additional remediation activities not included by answers (above)	Remediation activities have been completed at the site.

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

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

I hereby agree and sign off to the above statement	Name: Matthew Taylor Title: Environmental Coordinator Email: matthew.taylor@permianres.com Date: 04/07/2026
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Action 572403

**QUESTIONS (continued)**

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 572403
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Reclamation Report</b>	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	5040
What was the total volume of replacement material (in cubic yards) for this site	216
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	04/20/2026
Summarize any additional reclamation activities not included by answers (above)	Re seeding will take place during the first favorable growing season.
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Matthew Taylor Title: Environmental Coordinator Email: matthew.taylor@permianres.com Date: 04/07/2026

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Action 572403

**QUESTIONS (continued)**

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 572403
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Revegetation Report</b>	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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CONDITIONS

Action 572403

**CONDITIONS**

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 572403
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**CONDITIONS**

Created By	Condition	Condition Date
scott.rodgers	The reclamation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this 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; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	5/27/2026