



February 17, 2026

New Mexico Oil Conservation Division

1220 South St. Francis Street
Santa Fe, New Mexico 87505

**Re: Closure Request
PLU BS 19-24-31
Incident Number nAPP2528732266
Eddy County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of XTO Energy, Inc. (XTO), has prepared this *Closure Request* to document the findings of a liner integrity inspection and delineation activities completed at the PLU BS 19-24-31 (Site) following a release of produced water within a steel-walled lined containment housing storage tanks, transfer pumps, and process piping. Based on the liner integrity inspection and delineation activities, XTO is submitting this *Closure Request*, describing the inspection results and requesting closure for Incident Number nAPP2528732266.

SITE DESCRIPTION AND RELEASE SUMMARY

The release location was initially reported to the New Mexico Oil Conservation Division (NMOCD) in Unit C, Section 19, Township 24 South, Range 31 East, but after review of release location coordinates and photographs provided by XTO, it was confirmed that the release occurred in both Unit C, Section 19 and Unit N, Section 18, Township 24 South, Range 31 East in Eddy County, New Mexico (32.21007°, - 103.81922°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On October 13, 2025, failure of a transfer pump seal resulted in the release of 18 barrels (bbls) of produced water into a steel-lined containment measuring approximately 3,362 square feet. A vacuum truck was dispatched to the Site to recover free-standing fluid, and all released fluid was recovered. The pump was repaired and returned to service. XTO reported the release to the NMOCD via a Notification of Release (NOR) on October 14, 2025, and subsequently an Initial C-141 Application (C-141) on October 30, 2025. The release was assigned Incident Number nAPP2528732266.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented below and potential Site receptors are identified on Figure 1.

Depth to groundwater at the Site is greater than 100 feet below ground surface (bgs) based on a recent soil boring drilled for determination of regional groundwater depth. On August 7, 2023, a soil boring permitted by the New Mexico Office of the State Engineer (NMOSE) as C-4759 was drilled approximately 0.18 miles southeast of the Site utilizing air rotary drilling methods. The soil boring was drilled to a total

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Closure Request
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depth of 110 feet bgs. A field geologist logged and described soils continuously. No moisture or groundwater was encountered during drilling activities. The borehole was left open for over 72 hours to allow for potential slow infill of groundwater. After the 72-hour waiting period without observing groundwater, it was confirmed that groundwater beneath the Site is greater than 110 feet bgs. The borehole was properly abandoned with drill cuttings and hydrated bentonite chips. The Well Record and Log, along with the Plugging Plan are included in Appendix A.

The closest continuously flowing or significant watercourse is an intermittently flooded riverine located approximately 6,249 feet northeast of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area).

Based on the results of the Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total Petroleum Hydrocarbons (TPH) - gasoline range organics (GRO) and diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 20,000 mg/kg

LINER INTEGRITY INSPECTION ACTIVITIES

The lined containment was cleaned of all debris, power washed and a 48-hour advance notice of the liner inspection was submitted to the NMOCD on January 2, 2026. On January 5, 2026, the lined containment was inspected by Ensolum personnel and was determined to contain a small tear near the southeastern edge of the containment. Delineation to determine the extent of the release was warranted. A site map of the lined containment is included in Figure 2. Photographic documentation of the inspection is included in Appendix B.

DELINEATION SOIL SAMPLING ACTIVITIES

On January 16, 2026, Ensolum personnel were at the Site to conduct delineation activities. Four delineation soil samples (SS01 through SS04) were collected around the lined containment from ground surface to confirm the release did not breach the containment walls. One borehole (BH01) was advanced via hand auger to a terminal depth of 1-foot bgs in the location of the tear in the liner. The delineation soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride utilizing Hach® chloride QuanTab® test strips. Field screening results and observations of the soil samples from the borehole were logged on a lithologic/soil sampling log, which is included in Appendix C. The delineation soil sample locations were mapped utilizing a handheld Trimble® Catalyst™ DA2 Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation is included in Appendix B.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Eurofins Labs (Eurofins) in Carlsbad, New Mexico, for

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analysis of the following contaminants of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for delineation soil samples SS01 through SS04 indicated all COCs were in compliance with Site Closure Criteria and strictest Table I Closure Criteria, confirming the release remained within the steel walls of the lined containment. Delineation soil samples from borehole BH01 indicated all COCs were in compliance with Site Closure Criteria. Laboratory analytical results are summarized in Table 1 and the laboratory analytical reports are included in Appendix D.

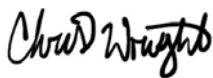
CLOSURE REQUEST

Liner integrity inspection and delineation activities were conducted at the Site to address the October 2025 release of produced water. Laboratory analytical results for the delineation soil samples, collected below the liner tear, indicated that all COC concentrations were compliant with the Site Closure Criteria. Based on the soil sample analytical results, no impacted soil was identified, and no further remediation was required. Ensolum patched the tear in the liner following completion of delineation activities.

Delineation of potential impacts at this Site determined that no soil exceeding Site Closure Criteria was located below the lined containment and the release was fully contained within the walls of the lined containment. Depth to groundwater has been estimated to be greater than 100 feet bgs and no other sensitive receptors were identified near the Site. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests closure for Incident Number nAPP2528732266.

If you have any questions or comments, please contact Ms. Tacoma Morrissey at (337) 257-8307 or tmorrissey@ensolum.com.

Sincerely,
Ensolum, LLC



Christopher Wright
Staff Geologist



Tacoma Morrissey
Associate Principal

cc: Robert Woodall, XTO
Richard Kotzur, XTO
BLM

Appendices:

- Figure 1 Site Receptor Map
- Figure 2 Site Map
- Table 1 Soil Sample Analytical Results
- Appendix A Referenced Well Records
- Appendix B Photographic Log
- Appendix C Lithologic / Soil Sampling Logs
- Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation

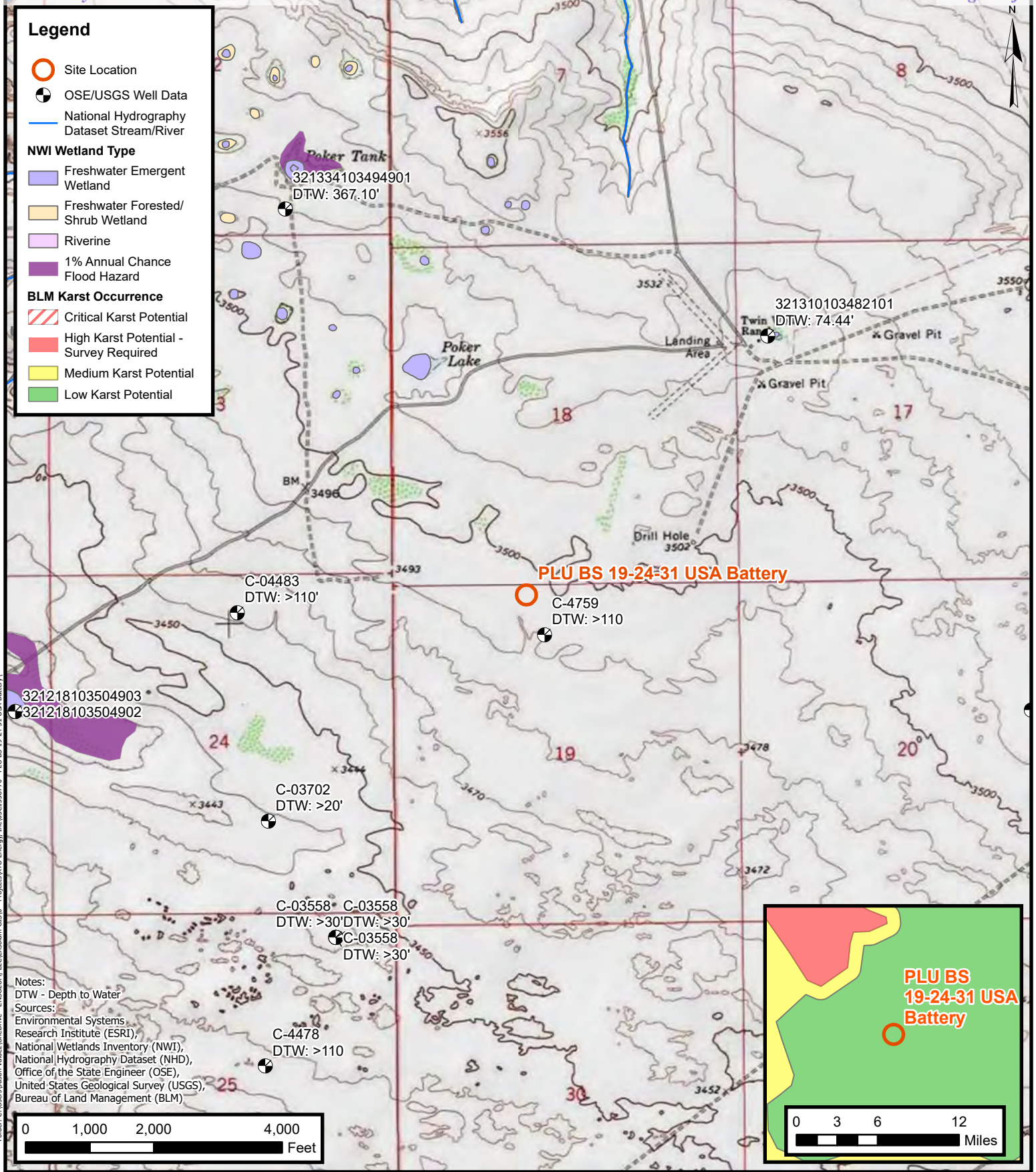


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Appendix E Spill Volume Calculations



FIGURES



Site Receptor Map

XTO Energy, Inc
 PLU BS 19-24-31 USA Battery
 Incident Number: nAPP2528732266
 Unit C, Section 19. T 24S, R 31E and Unit N Section 18, T 24S, R 31E
 Eddy County, New Mexico

FIGURE
1

Legend

- Delineation Soil Sample in Compliance with Closure Criteria
- Oil and Gas Utility Line
- Electric Line
- Water Utility Line
- Lined Containment



Folder: C:\Users\Justin Velazquez\OneDrive - ENSOLUM, LLC\Ensolium GIS\0 - Projects\XTO Energy, Inc\03\1589770 - PLU BS 19-24-31 USA Battery\

Sources: Environmental Systems Research Institute (ESRI)



Delineation Soil Sample Locations

XTO Energy, Inc
 PLU BS 19-24-31 USA Battery
 Incident Number: nAPP2528732266
 Unit C, Section 19. T 24S, R 31E and Unit N Section 18, T 24S, R 31E
 Eddy County, New Mexico

FIGURE

2



TABLES



**TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
PLU BS 19-24-31 USA Battery
XTO Energy, Inc
Eddy County, New Mexico**

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCDC Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
BH01	01/16/2026	0.5	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	1,280
BH01A	01/16/2026	1	<0.00198	<0.00396	<49.8	<49.8	<49.8	<49.8	<49.8	134
SS01	01/16/2026	Surface	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	16.3
SS02	01/16/2026	Surface	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	<10.1
SS03	01/16/2026	Surface	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	10.4
SS04	01/16/2026	Surface	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	19.1

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCDC: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

Concentrations in **bold** exceed the NMOCDC Table I Closure Criteria or reclamation requirement where applicable.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

NMAC: New Mexico Administrative Code

Grey text indicates soil sample removed during excavation activities



APPENDIX A

Referenced Well Records



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod 1(BH01)		WELL TAG ID NO. n/a		OSE FILE NO(S) C-4759	
	WELL OWNER NAME(S) XTO Energy, Inc.				PHONE (OPTIONAL)	
	WELL OWNER MAILING ADDRESS 3401 Greene Street				CITY Carlsbad	STATE ZIP NM 88220
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE	MINUTES 12	SECONDS 28.26	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84
		LONGITUDE	-103	49	2.70	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Unit C, Section 19, Township 24 South, Range 31 East						

2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1188	NAME OF LICENSED DRILLER Scott Scarborough			NAME OF WELL DRILLING COMPANY Scarborough Drilling Inc.			
	DRILLING STARTED 8/7/2023	DRILLING ENDED 8/7/2023	DEPTH OF COMPLETED WELL (FT) Temp casing only	BORE HOLE DEPTH (FT) 110	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A			
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	110	6	Temporary SCH 40 PVC	-	2	-	-

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
				N/A		

FOR OSE INTERNAL USE			WR-20 WELL RECORD & LOG (Version 04/30/19)		
FILE NO. C-4759	POD NO. 1	TRN NO. 749156			
LOCATION 24S.31E.19	421	WELL TAG ID NO. NA	PAGE 1 OF 2		

OSE DII RUSWELL TX
2 APR 25 14:08



PLUGGING RECORD



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

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-04759 POD-1

Well owner: XTO Energy, Inc. Phone No.: (575) 988-2390

Mailing address: 3401 Greene Street

City: Carlsbad State: New Mexico Zip code: 88220

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Scarborough Drilling Inc.
- 2) New Mexico Well Driller License No.: WD-1188 Expiration Date: 3/31/2024
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Scott Scarborough
- 4) Date well plugging began: 8/11/2023 Date well plugging concluded: 8/11/2023
- 5) GPS Well Location: Latitude: 32 deg, 12 min, 28.26 sec
Longitude: -103 deg, 49 min, 2.70 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 110 ft below ground level (bgl),
by the following manner: Oil/water interface probe
- 7) Static water level measured at initiation of plugging: N/A ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 7/10/2023
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

DSE DII ROSWELL NM
2 APR '25 PM3:08

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

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged". etc.)
0-10'	Hydrated Bentonite	Approx. 26 gallons	26.11 gallons	Boring	
10'-110'	Drill Cuttings	Approx. 261 gallons	261.12 gallons	Boring	

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

III. SIGNATURE:

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

Scott Scarborough

2/25/2025

Signature of Well Driller

Date

OSE DII ROSWELL NM
2 APR 2025 10:00
Version: September 8, 2009
Page 2 of 2



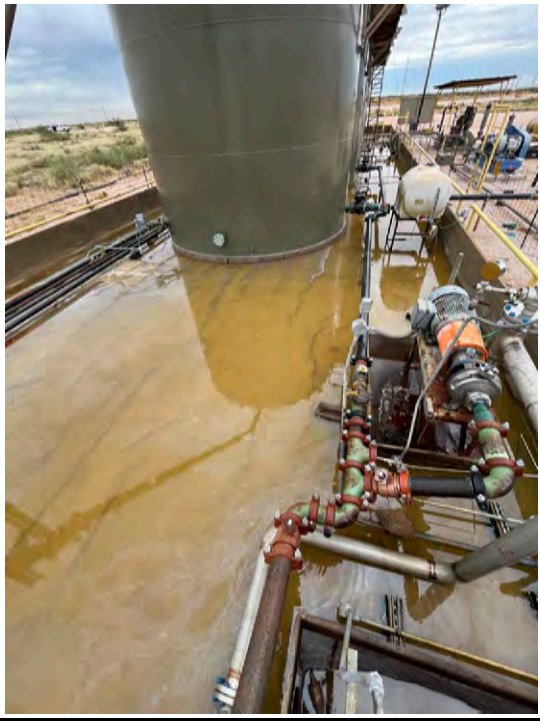

APPENDIX B

Photographic Log



Photographic Log

XTO Energy, Inc
PLU BS 19-24-31 USA Battery
nAPP2528732266

<p><u>Photograph</u> 1</p>	<p><u>Date</u> 10/13/2025</p>	
<p><u>Description</u> Initial release in containment</p>		
<p><u>View</u> West</p>		
<p><u>Photograph</u> 2</p>	<p><u>Date</u> 1/05/2026</p>	
<p><u>Description</u> Well sign</p>		
<p><u>View</u> North</p>		



Photographic Log

XTO Energy, Inc
PLU BS 19-24-31 USA Battery
nAPP2528732266

<p><u>Photograph</u> 3</p>	<p><u>Date</u> 1/5/2026</p>	
<p><u>Description</u> Inspection activities</p>		
<p><u>View</u> East</p>		
<p><u>Photograph</u> 4</p>	<p><u>Date</u> 1/5/2026</p>	
<p><u>Description</u> Inspection activities</p>		
<p><u>View</u> North</p>		

Photographic Log


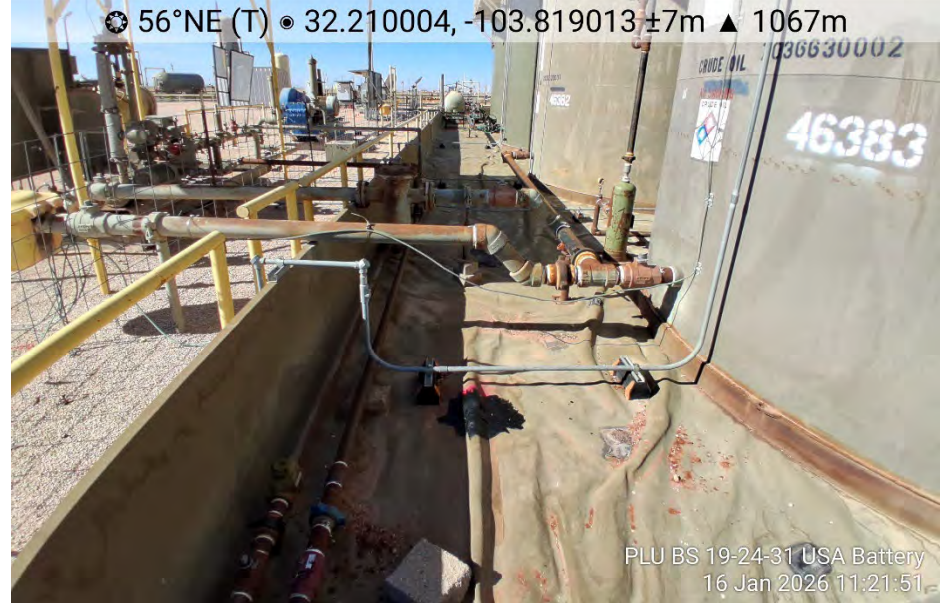
XTO Energy, Inc
PLU BS 19-24-31 USA Battery
nAPP2528732266

<p><u>Photograph</u> 5</p>	<p><u>Date</u> 1/05/2026</p>	 <p>252°W (T) 32.210047°N, 103.819180°W ±32ft ▲ 3507ft</p> <p>PLU BS 19-24-31 Battery 05 Jan 2026, 13:17:35 MST</p>
<p><u>Description</u> Tear found during inspection activities</p>		
<p><u>View</u> West</p>		
<p><u>Photograph</u> 6</p>	<p><u>Date</u> 1/16/2026</p>	 <p>North Elevation</p> <p>230°SW (T) 32.210002, -103.819012 ±7m ▲ 1066m</p> <p>PLU BS 19-24-31 USA Battery 16 Jan 2026 10:32:01</p>
<p><u>Description</u> Delineation activities; near BH01</p>		
<p><u>View</u> Southwest</p>		



Photographic Log


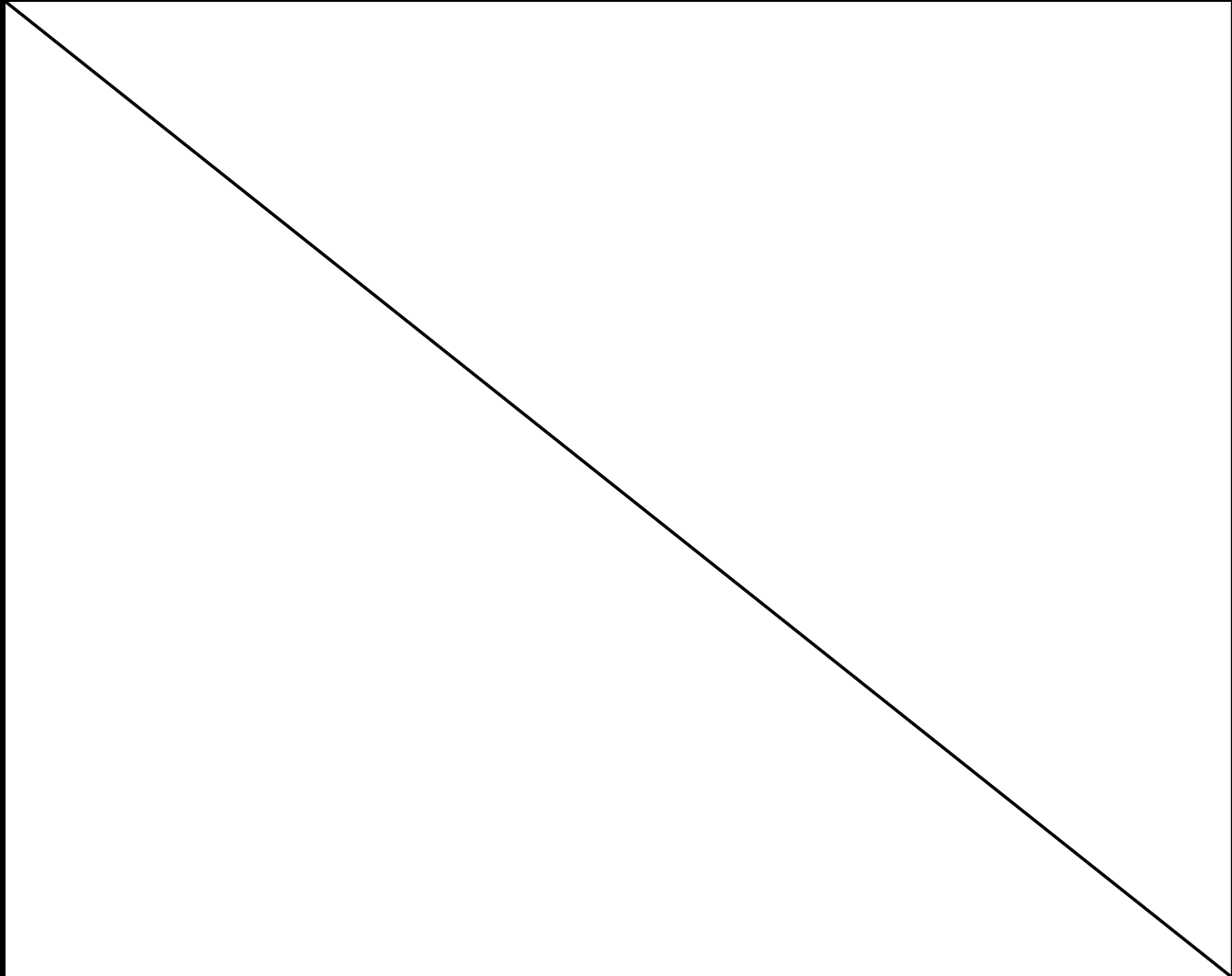
XTO Energy, Inc
 PLU BS 19-24-31 USA Battery
 nAPP2528732266

<p><u>Photograph</u> 7</p>	<p><u>Date</u> 1/16/2026</p>	<div data-bbox="535 323 1477 430"> <p>West Elevation</p> <p>☉ 88°E (T) • 32.210004, -103.819014 ±7m ▲ 1066m</p> </div>  <div data-bbox="1153 966 1461 1029"> <p>PLU BS 19-24-31 USA Battery 16 Jan 2026 10:02:14</p> </div>
<p><u>Description</u> Delineation activities; near SS03</p>		
<p><u>View</u> East</p>		
<p><u>Photograph</u> 8</p>	<p><u>Date</u> 1/16/2026</p>	<div data-bbox="535 1050 1477 1165"> <p>South Elevation</p> <p>☉ 56°NE (T) • 32.210004, -103.819013 ±7m ▲ 1067m</p> </div>  <div data-bbox="1153 1701 1461 1764"> <p>PLU BS 19-24-31 USA Battery 16 Jan 2026 11:21:51</p> </div>
<p><u>Description</u> BH01 patched</p>		
<p><u>View</u> Northeast</p>		



APPENDIX C

Lithologic Soil/Sampling Logs

					Sample Name: BH01		Date: 1/16/2025	
					Site Name: PLU BS 19-24-31 USA Battery			
					Incident Number: nAPP2528732266			
					Job Number: 03C1558770			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: TBW		Method: Hand Auger	
Coordinates: 32.2100333, -103.8192123					Hole Diameter: 4"		Total Depth: 1'	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	1355	0	N	BH01	0.5	0	CCHE	(0-1') CALICHE, tan to light-brown, fine grained to gravel, poorly sorted, well graded, subrounded, unconsolidated, no odor.
D	<179	0.6	N	BH01A	1	1	SP-SM	(1') SAND, brown, fine grained, poorly graded, well sorted, subrounded, no odor.
Total Depth @ 1 feet bgs								
								



APPENDIX D

Laboratory Analytical Reports



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Tracy Hillard
 Ensolum
 601 N. Marienfeld St.
 Suite 400
 Midland, Texas 79701

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JOB DESCRIPTION

PLU BS 19 - 24- 31 USA Battery
 32.210087,-103.819219

JOB NUMBER

890-9373-1

Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad NM 88220

See page two for job notes and contact information.



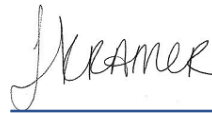
Eurofins Carlsbad

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



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Revision 2

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

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Client: Ensolum
Project/Site: PLU BS 19 - 24- 31 USA Battery

Laboratory Job ID: 890-9373-1
SDG: 32.210087,-103.819219

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Definitions/Glossary

Client: Ensolum
Project/Site: PLU BS 19 - 24- 31 USA Battery

Job ID: 890-9373-1
SDG: 32.210087,-103.819219

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
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: Ensolum
Project: PLU BS 19 - 24- 31 USA Battery

Job ID: 890-9373-1

Job ID: 890-9373-1

Eurofins Carlsbad

Job Narrative 890-9373-1

REVISION

The report being provided is a revision of the original report sent on 1/21/2026. The report (revision 2) is being revised due to Samples labeled incorrectly at original lab, confirmed and revised report required.

Report revision history

Revision 1 - 2/9/2026 - Reason - Per client email, requesting sample ID correction to reflect submitted COC.

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 1/16/2026 1:15 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 5.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: BH 01A (890-9373-1) and BH 01 (890-9373-2).

GC VOA

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: The continuing calibration verification (CCV) associated with batch 880-129371 recovered outside the control limit for Gasoline Range Organics (GRO)-C6-C10. An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-129371/166).

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

HPLC/IC

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

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Client Sample Results

Client: Ensolum
 Project/Site: PLU BS 19 - 24- 31 USA Battery

Job ID: 890-9373-1
 SDG: 32.210087,-103.819219

Client Sample ID: BH 01A

Lab Sample ID: 890-9373-1

Date Collected: 01/16/26 10:20

Matrix: Solid

Date Received: 01/16/26 13:15

Sample Depth: 1'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/20/26 10:10	01/20/26 18:18	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/20/26 10:10	01/20/26 18:18	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/20/26 10:10	01/20/26 18:18	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		01/20/26 10:10	01/20/26 18:18	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/20/26 10:10	01/20/26 18:18	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/20/26 10:10	01/20/26 18:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	01/20/26 10:10	01/20/26 18:18	1
1,4-Difluorobenzene (Surr)	98		70 - 130	01/20/26 10:10	01/20/26 18:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			01/20/26 18:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			01/21/26 01:27	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		01/18/26 16:43	01/21/26 01:27	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		01/18/26 16:43	01/21/26 01:27	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		01/18/26 16:43	01/21/26 01:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	01/18/26 16:43	01/21/26 01:27	1
o-Terphenyl	100		70 - 130	01/18/26 16:43	01/21/26 01:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	134		9.94	mg/Kg			01/20/26 15:56	1

Client Sample ID: BH 01

Lab Sample ID: 890-9373-2

Date Collected: 01/16/26 10:18

Matrix: Solid

Date Received: 01/16/26 13:15

Sample Depth: 0.5'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/20/26 10:10	01/20/26 18:38	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/20/26 10:10	01/20/26 18:38	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/20/26 10:10	01/20/26 18:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/20/26 10:10	01/20/26 18:38	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/20/26 10:10	01/20/26 18:38	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/20/26 10:10	01/20/26 18:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	01/20/26 10:10	01/20/26 18:38	1

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Client Sample Results

Client: Ensolum
 Project/Site: PLU BS 19 - 24- 31 USA Battery

Job ID: 890-9373-1
 SDG: 32.210087,-103.819219

Client Sample ID: BH 01
 Date Collected: 01/16/26 10:18
 Date Received: 01/16/26 13:15
 Sample Depth: 0.5'

Lab Sample ID: 890-9373-2
 Matrix: Solid

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	97		70 - 130	01/20/26 10:10	01/20/26 18:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/20/26 18:38	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/21/26 01:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/26 16:43	01/21/26 01:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/26 16:43	01/21/26 01:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/26 16:43	01/21/26 01:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	01/18/26 16:43	01/21/26 01:55	1
o-Terphenyl	93		70 - 130	01/18/26 16:43	01/21/26 01:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1280		9.92	mg/Kg			01/20/26 16:17	1

Surrogate Summary

Client: Ensolum
Project/Site: PLU BS 19 - 24- 31 USA Battery

Job ID: 890-9373-1
SDG: 32.210087,-103.819219

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-9373-1	BH 01A	111	98
890-9373-2	BH 01	109	97
890-9378-A-1-C MS	Matrix Spike	100	98
890-9378-A-1-D MSD	Matrix Spike Duplicate	110	95
LCS 880-129428/1-A	Lab Control Sample	102	95
LCSD 880-129428/2-A	Lab Control Sample Dup	110	95
MB 880-129428/5-A	Method Blank	100	94

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

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-9371-A-7-B MS	Matrix Spike	103	102
890-9371-A-7-C MSD	Matrix Spike Duplicate	104	104
890-9373-1	BH 01A	92	100
890-9373-2	BH 01	85	93
LCS 880-129217/2-A	Lab Control Sample	115	110
LCSD 880-129217/3-A	Lab Control Sample Dup	125	117
MB 880-129217/1-A	Method Blank	83	87

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Ensolum
 Project/Site: PLU BS 19 - 24- 31 USA Battery

Job ID: 890-9373-1
 SDG: 32.210087,-103.819219

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-129428/5-A
 Matrix: Solid
 Analysis Batch: 129379

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 129428

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/20/26 10:10	01/20/26 11:55	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/20/26 10:10	01/20/26 11:55	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/20/26 10:10	01/20/26 11:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/20/26 10:10	01/20/26 11:55	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/20/26 10:10	01/20/26 11:55	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/20/26 10:10	01/20/26 11:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	01/20/26 10:10	01/20/26 11:55	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/20/26 10:10	01/20/26 11:55	1

Lab Sample ID: LCS 880-129428/1-A
 Matrix: Solid
 Analysis Batch: 129379

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 129428

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09147		mg/Kg		91	70 - 130
Toluene	0.100	0.08137		mg/Kg		81	70 - 130
Ethylbenzene	0.100	0.08471		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	0.200	0.1622		mg/Kg		81	70 - 130
o-Xylene	0.100	0.08567		mg/Kg		86	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-129428/2-A
 Matrix: Solid
 Analysis Batch: 129379

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 129428

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.08788		mg/Kg		88	70 - 130	4	35
Toluene	0.100	0.08042		mg/Kg		80	70 - 130	1	35
Ethylbenzene	0.100	0.08480		mg/Kg		85	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1648		mg/Kg		82	70 - 130	2	35
o-Xylene	0.100	0.08656		mg/Kg		87	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 890-9378-A-1-C MS
 Matrix: Solid
 Analysis Batch: 129379

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 129428

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08328		mg/Kg		83	70 - 130
Toluene	<0.00200	U	0.100	0.07130		mg/Kg		71	70 - 130

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QC Sample Results

Client: Ensolum
 Project/Site: PLU BS 19 - 24- 31 USA Battery

Job ID: 890-9373-1
 SDG: 32.210087,-103.819219

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

Lab Sample ID: 890-9378-A-1-C MS
 Matrix: Solid
 Analysis Batch: 129379

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 129428

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.07525		mg/Kg		75	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1444		mg/Kg		72	70 - 130
o-Xylene	<0.00200	U	0.100	0.07460		mg/Kg		75	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 890-9378-A-1-D MSD
 Matrix: Solid
 Analysis Batch: 129379

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 129428

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.08496		mg/Kg		85	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.07454		mg/Kg		75	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.07805		mg/Kg		78	70 - 130	4	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1502		mg/Kg		75	70 - 130	4	35
o-Xylene	<0.00200	U	0.100	0.07791		mg/Kg		78	70 - 130	4	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

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

Lab Sample ID: MB 880-129217/1-A
 Matrix: Solid
 Analysis Batch: 129371

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 129217

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/26 16:43	01/20/26 22:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/26 16:43	01/20/26 22:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/26 16:43	01/20/26 22:08	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	01/18/26 16:43	01/20/26 22:08	1
o-Terphenyl	87		70 - 130	01/18/26 16:43	01/20/26 22:08	1

Lab Sample ID: LCS 880-129217/2-A
 Matrix: Solid
 Analysis Batch: 129371

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 129217

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	918.6		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1070		mg/Kg		107	70 - 130

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QC Sample Results

Client: Ensolum
 Project/Site: PLU BS 19 - 24- 31 USA Battery

Job ID: 890-9373-1
 SDG: 32.210087,-103.819219

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

Lab Sample ID: LCS 880-129217/2-A
Matrix: Solid
Analysis Batch: 129371

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 129217

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	115		70 - 130
o-Terphenyl	110		70 - 130

Lab Sample ID: LCSD 880-129217/3-A
Matrix: Solid
Analysis Batch: 129371

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 129217

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	9	20	
Diesel Range Organics (Over C10-C28)	1000	1129		mg/Kg		113	70 - 130	5	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	125		70 - 130
o-Terphenyl	117		70 - 130

Lab Sample ID: 890-9371-A-7-B MS
Matrix: Solid
Analysis Batch: 129371

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 129217

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	1000	918.7		mg/Kg		92	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.4	U	1000	997.6		mg/Kg		100	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	103		70 - 130
o-Terphenyl	102		70 - 130

Lab Sample ID: 890-9371-A-7-C MSD
Matrix: Solid
Analysis Batch: 129371

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 129217

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	1000	934.1		mg/Kg		93	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	<50.4	U	1000	1012		mg/Kg		101	70 - 130	1	20	

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	104		70 - 130
o-Terphenyl	104		70 - 130

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QC Sample Results

Client: Ensolum
 Project/Site: PLU BS 19 - 24- 31 USA Battery

Job ID: 890-9373-1
 SDG: 32.210087,-103.819219

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-129296/1-A
 Matrix: Solid
 Analysis Batch: 129432

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	mg/Kg			01/20/26 14:52	1

Lab Sample ID: LCS 880-129296/2-A
 Matrix: Solid
 Analysis Batch: 129432

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	254.8		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-129296/3-A
 Matrix: Solid
 Analysis Batch: 129432

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	250	251.8		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 890-9372-A-1-H MS
 Matrix: Solid
 Analysis Batch: 129432

Client Sample ID: Matrix Spike
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	16.3		253	285.0		mg/Kg		106	90 - 110

Lab Sample ID: 890-9372-A-1-I MSD
 Matrix: Solid
 Analysis Batch: 129432

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	16.3		253	283.1		mg/Kg		106	90 - 110	1	20

QC Association Summary

Client: Ensolum
Project/Site: PLU BS 19 - 24- 31 USA Battery

Job ID: 890-9373-1
SDG: 32.210087,-103.819219

GC VOA

Analysis Batch: 129379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9373-1	BH 01A	Total/NA	Solid	8021B	129428
890-9373-2	BH 01	Total/NA	Solid	8021B	129428
MB 880-129428/5-A	Method Blank	Total/NA	Solid	8021B	129428
LCS 880-129428/1-A	Lab Control Sample	Total/NA	Solid	8021B	129428
LCSD 880-129428/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	129428
890-9378-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	129428
890-9378-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	129428

Prep Batch: 129428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9373-1	BH 01A	Total/NA	Solid	5035	
890-9373-2	BH 01	Total/NA	Solid	5035	
MB 880-129428/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-129428/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-129428/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9378-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-9378-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 129514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9373-1	BH 01A	Total/NA	Solid	Total BTEX	
890-9373-2	BH 01	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 129217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9373-1	BH 01A	Total/NA	Solid	8015NM Prep	
890-9373-2	BH 01	Total/NA	Solid	8015NM Prep	
MB 880-129217/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-129217/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-129217/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9371-A-7-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9371-A-7-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 129371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9373-1	BH 01A	Total/NA	Solid	8015B NM	129217
890-9373-2	BH 01	Total/NA	Solid	8015B NM	129217
MB 880-129217/1-A	Method Blank	Total/NA	Solid	8015B NM	129217
LCS 880-129217/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	129217
LCSD 880-129217/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	129217
890-9371-A-7-B MS	Matrix Spike	Total/NA	Solid	8015B NM	129217
890-9371-A-7-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	129217

Analysis Batch: 129566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9373-1	BH 01A	Total/NA	Solid	8015 NM	
890-9373-2	BH 01	Total/NA	Solid	8015 NM	

Eurofins Carlsbad

QC Association Summary

Client: Ensolum
Project/Site: PLU BS 19 - 24- 31 USA Battery

Job ID: 890-9373-1
SDG: 32.210087,-103.819219

HPLC/IC

Leach Batch: 129296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9373-1	BH 01A	Soluble	Solid	DI Leach	
890-9373-2	BH 01	Soluble	Solid	DI Leach	
MB 880-129296/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-129296/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-129296/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9372-A-1-H MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9372-A-1-I MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 129432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9373-1	BH 01A	Soluble	Solid	300.0	129296
890-9373-2	BH 01	Soluble	Solid	300.0	129296
MB 880-129296/1-A	Method Blank	Soluble	Solid	300.0	129296
LCS 880-129296/2-A	Lab Control Sample	Soluble	Solid	300.0	129296
LCSD 880-129296/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	129296
890-9372-A-1-H MS	Matrix Spike	Soluble	Solid	300.0	129296
890-9372-A-1-I MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	129296

Lab Chronicle

Client: Ensolum
 Project/Site: PLU BS 19 - 24- 31 USA Battery

Job ID: 890-9373-1
 SDG: 32.210087,-103.819219

Client Sample ID: BH 01A

Lab Sample ID: 890-9373-1

Date Collected: 01/16/26 10:20

Matrix: Solid

Date Received: 01/16/26 13:15

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	129428	01/20/26 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129379	01/20/26 18:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129514	01/20/26 18:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			129566	01/21/26 01:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	129217	01/18/26 16:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129371	01/21/26 01:27	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	129296	01/19/26 10:54	SA	EET MID
Soluble	Analysis	300.0		1			129432	01/20/26 15:56	CS	EET MID

Client Sample ID: BH 01

Lab Sample ID: 890-9373-2

Date Collected: 01/16/26 10:18

Matrix: Solid

Date Received: 01/16/26 13:15

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	129428	01/20/26 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129379	01/20/26 18:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129514	01/20/26 18:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			129566	01/21/26 01:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129217	01/18/26 16:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129371	01/21/26 01:55	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	129296	01/19/26 10:54	SA	EET MID
Soluble	Analysis	300.0		1			129432	01/20/26 16:17	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum
Project/Site: PLU BS 19 - 24- 31 USA Battery

Job ID: 890-9373-1
SDG: 32.210087,-103.819219

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
Total BTEX		Solid	Total BTEX

- 1
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Method Summary

Client: Ensolum
Project/Site: PLU BS 19 - 24- 31 USA Battery

Job ID: 890-9373-1
SDG: 32.210087,-103.819219

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
300.0	Anions, Ion Chromatography	EPA	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
- EPA = US Environmental Protection Agency
- 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: Ensolum
Project/Site: PLU BS 19 - 24- 31 USA Battery

Job ID: 890-9373-1
SDG: 32.210087,-103.819219

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9373-1	BH 01A	Solid	01/16/26 10:20	01/16/26 13:15	1'
890-9373-2	BH 01	Solid	01/16/26 10:18	01/16/26 13:15	0.5'

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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) 968-3199

Environment Testing
 Xenco



Work Order No: _____
 www.xenco.com Page 1 of 1

Work Order Comments
 Program: US/PST PRP Brownfields RRC Superfund
 State of Project: _____
 Reporting: Level II Level III PST/AUST TRRP Level IV
 Deliverables: EDD ADaPT Other: _____

Project Manager: Tracy Hillard
 Company Name: Ensolium
 Address: 3122 National Parks Hwy
 City, State ZIP: Carlsbad, NM 88220
 Phone: (575) 937-3906
 Email: THillard@ensolium.com, TMorrissey@ensolium.com

Bill to: (if different) Dale Woodall
 Company Name: XTO Energy, Inc
 Address: 3104 E Greene St
 City, State ZIP: Carlsbad, NM, 88220

Project Name: PLU BS 19-24-31 USA Battery	Project Number: 03C1558770	Project Location: 32.210087, -103.819219	Sampler's Name: Trevor Wargo	PO #:	Turn Around		PRES. Code	ANALYSIS REQUEST	Preservative Codes
					<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush			
SAMPLE RECEIPT Samples Received Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Cooler Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Sample Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Total Containers: _____				Tapir Blank: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Thermometer ID: _____ Correction Factor: _____ Temperature Reading: _____ Corrected Temperature: _____		Wet Ice: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> TAT starts the day received by the lab, if received by 4:30pm		DI Water: H ₂ O MeOH: Me HNO ₃ : HN NaOH: Na IABIS NaSO ₃	
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	890-9373 Chain of Custody Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SACP	
BH01	Soil	1/16/26	10:18:0.5	1	G	1	Chloride 4500	Sample Comments TBN	
BH01A	Soil	1/16/26	10:20	1	G	1	TPH 8500 BTEX 8021 TPH 8500 TPH 8500	Sample Comments TBN	

Circle Method(s) and Metal(s) to be analyzed: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
 TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$65.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Trevor Wargo	D. Wargo	1-16-2026			

Revised Date: 09/25/2020 Rev. 2020.2
 Incident #: nAPP2528732266
 CC: 1082641001
 GFCM: 48605000
 twargo@ensolium.com, CWright@ensolium.com
 KThomas@ensolium.com



Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9373-1
SDG Number: 32.210087,-103.819219

Login Number: 9373
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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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Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9373-1
SDG Number: 32.210087,-103.819219

Login Number: 9373
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 01/18/26 04:29 PM

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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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Tracy Hillard
Ensolum
601 N. Marienfeld St.
Suite 400
Midland, Texas 79701
Generated 1/21/2026 1:13:33 PM

JOB DESCRIPTION

PLU BS 19 - 24 - 31 USA Battery
32.210087,-103.819219

JOB NUMBER

890-9372-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.



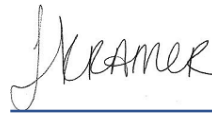
Eurofins Carlsbad

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
1/21/2026 1:13:33 PM

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

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Client: Ensolum
Project/Site: PLU BS 19 - 24 - 31 USA Battery

Laboratory Job ID: 890-9372-1
SDG: 32.210087,-103.819219

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Definitions/Glossary

Client: Ensolum
Project/Site: PLU BS 19 - 24 - 31 USA Battery

Job ID: 890-9372-1
SDG: 32.210087,-103.819219

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
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: Ensolum
Project: PLU BS 19 - 24 - 31 USA Battery

Job ID: 890-9372-1

Job ID: 890-9372-1

Eurofins Carlsbad

Job Narrative 890-9372-1

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 1/16/2026 1:15 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 5.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-9372-1), SS 02 (890-9372-2), SS 03 (890-9372-3) and SS 04 (890-9372-4).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-129239 and analytical batch 880-129227 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.

Diesel Range Organics

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-129371 recovered outside the control limit for Gasoline Range Organics (GRO)-C6-C10. An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-129371/166).

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

HPLC/IC

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

Eurofins Carlsbad



Client Sample Results

Client: Ensolum
 Project/Site: PLU BS 19 - 24 - 31 USA Battery

Job ID: 890-9372-1
 SDG: 32.210087,-103.819219

Client Sample ID: SS 01

Lab Sample ID: 890-9372-1

Date Collected: 01/16/26 09:24

Matrix: Solid

Date Received: 01/16/26 13:15

Sample Depth: Surface

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/19/26 09:10	01/19/26 17:26	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/19/26 09:10	01/19/26 17:26	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/19/26 09:10	01/19/26 17:26	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/19/26 09:10	01/19/26 17:26	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/19/26 09:10	01/19/26 17:26	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/19/26 09:10	01/19/26 17:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	01/19/26 09:10	01/19/26 17:26	1
1,4-Difluorobenzene (Surr)	98		70 - 130	01/19/26 09:10	01/19/26 17:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/19/26 17:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			01/21/26 00:31	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		01/18/26 16:43	01/21/26 00:31	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		01/18/26 16:43	01/21/26 00:31	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		01/18/26 16:43	01/21/26 00:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	01/18/26 16:43	01/21/26 00:31	1
o-Terphenyl	100		70 - 130	01/18/26 16:43	01/21/26 00:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.3		10.0	mg/Kg			01/20/26 15:14	1

Client Sample ID: SS 02

Lab Sample ID: 890-9372-2

Date Collected: 01/16/26 09:27

Matrix: Solid

Date Received: 01/16/26 13:15

Sample Depth: Surface

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/20/26 10:10	01/20/26 17:17	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/20/26 10:10	01/20/26 17:17	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/20/26 10:10	01/20/26 17:17	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/20/26 10:10	01/20/26 17:17	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/20/26 10:10	01/20/26 17:17	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/20/26 10:10	01/20/26 17:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	01/20/26 10:10	01/20/26 17:17	1

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Client Sample Results

Client: Ensolum
 Project/Site: PLU BS 19 - 24 - 31 USA Battery

Job ID: 890-9372-1
 SDG: 32.210087,-103.819219

Client Sample ID: SS 02

Lab Sample ID: 890-9372-2

Date Collected: 01/16/26 09:27

Matrix: Solid

Date Received: 01/16/26 13:15

Sample Depth: Surface

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	97		70 - 130	01/20/26 10:10	01/20/26 17:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/20/26 17:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/21/26 00:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/26 16:43	01/21/26 00:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/26 16:43	01/21/26 00:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/26 16:43	01/21/26 00:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	01/18/26 16:43	01/21/26 00:44	1
o-Terphenyl	99		70 - 130	01/18/26 16:43	01/21/26 00:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1	mg/Kg			01/20/26 15:35	1

Client Sample ID: SS 03

Lab Sample ID: 890-9372-3

Date Collected: 01/16/26 09:42

Matrix: Solid

Date Received: 01/16/26 13:15

Sample Depth: Surface

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/20/26 10:10	01/20/26 17:37	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/20/26 10:10	01/20/26 17:37	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/20/26 10:10	01/20/26 17:37	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		01/20/26 10:10	01/20/26 17:37	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/20/26 10:10	01/20/26 17:37	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/20/26 10:10	01/20/26 17:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	01/20/26 10:10	01/20/26 17:37	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/20/26 10:10	01/20/26 17:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/20/26 17:37	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/21/26 00:59	1

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Client Sample Results

Client: Ensolum
 Project/Site: PLU BS 19 - 24 - 31 USA Battery

Job ID: 890-9372-1
 SDG: 32.210087,-103.819219

Client Sample ID: SS 03

Lab Sample ID: 890-9372-3

Date Collected: 01/16/26 09:42

Matrix: Solid

Date Received: 01/16/26 13:15

Sample Depth: Surface

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/26 16:43	01/21/26 00:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/26 16:43	01/21/26 00:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/26 16:43	01/21/26 00:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	01/18/26 16:43	01/21/26 00:59	1
o-Terphenyl	98		70 - 130	01/18/26 16:43	01/21/26 00:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.4		9.92	mg/Kg			01/20/26 15:42	1

Client Sample ID: SS 04

Lab Sample ID: 890-9372-4

Date Collected: 01/16/26 09:44

Matrix: Solid

Date Received: 01/16/26 13:15

Sample Depth: Surface

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/20/26 10:10	01/20/26 17:57	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/20/26 10:10	01/20/26 17:57	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/20/26 10:10	01/20/26 17:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/20/26 10:10	01/20/26 17:57	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/20/26 10:10	01/20/26 17:57	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/20/26 10:10	01/20/26 17:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	01/20/26 10:10	01/20/26 17:57	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/20/26 10:10	01/20/26 17:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/20/26 17:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/21/26 01:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/26 16:43	01/21/26 01:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/26 16:43	01/21/26 01:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/26 16:43	01/21/26 01:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	01/18/26 16:43	01/21/26 01:13	1
o-Terphenyl	103		70 - 130	01/18/26 16:43	01/21/26 01:13	1

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Client Sample Results

Client: Ensolum
Project/Site: PLU BS 19 - 24 - 31 USA Battery

Job ID: 890-9372-1
SDG: 32.210087,-103.819219

Client Sample ID: SS 04

Lab Sample ID: 890-9372-4

Date Collected: 01/16/26 09:44

Matrix: Solid

Date Received: 01/16/26 13:15

Sample Depth: Surface

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.1		9.98	mg/Kg			01/20/26 15:49	1

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

Surrogate Summary

Client: Ensolum
Project/Site: PLU BS 19 - 24 - 31 USA Battery

Job ID: 890-9372-1
SDG: 32.210087,-103.819219

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)
880-67104-A-1-B MS	Matrix Spike	106	96
880-67104-A-1-C MSD	Matrix Spike Duplicate	104	93
890-9372-1	SS 01	109	98
890-9372-2	SS 02	110	97
890-9372-3	SS 03	109	97
890-9372-4	SS 04	112	99
890-9378-A-1-C MS	Matrix Spike	100	98
890-9378-A-1-D MSD	Matrix Spike Duplicate	110	95
LCS 880-129239/1-A	Lab Control Sample	100	95
LCS 880-129428/1-A	Lab Control Sample	102	95
LCSD 880-129239/2-A	Lab Control Sample Dup	102	95
LCSD 880-129428/2-A	Lab Control Sample Dup	110	95
MB 880-129239/5-A	Method Blank	104	92
MB 880-129428/5-A	Method Blank	100	94

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)
890-9371-A-7-B MS	Matrix Spike	103	102
890-9371-A-7-C MSD	Matrix Spike Duplicate	104	104
890-9372-1	SS 01	89	100
890-9372-2	SS 02	88	99
890-9372-3	SS 03	89	98
890-9372-4	SS 04	94	103
LCS 880-129217/2-A	Lab Control Sample	115	110
LCSD 880-129217/3-A	Lab Control Sample Dup	125	117
MB 880-129217/1-A	Method Blank	83	87

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Ensolum
 Project/Site: PLU BS 19 - 24 - 31 USA Battery

Job ID: 890-9372-1
 SDG: 32.210087,-103.819219

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-129239/5-A
 Matrix: Solid
 Analysis Batch: 129227

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 129239

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/19/26 09:10	01/19/26 11:22	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/19/26 09:10	01/19/26 11:22	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/19/26 09:10	01/19/26 11:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/19/26 09:10	01/19/26 11:22	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/19/26 09:10	01/19/26 11:22	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/19/26 09:10	01/19/26 11:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	01/19/26 09:10	01/19/26 11:22	1
1,4-Difluorobenzene (Surr)	92		70 - 130	01/19/26 09:10	01/19/26 11:22	1

Lab Sample ID: LCS 880-129239/1-A
 Matrix: Solid
 Analysis Batch: 129227

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 129239

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09419		mg/Kg		94	70 - 130
Toluene	0.100	0.08472		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.09103		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	0.200	0.1739		mg/Kg		87	70 - 130
o-Xylene	0.100	0.08957		mg/Kg		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-129239/2-A
 Matrix: Solid
 Analysis Batch: 129227

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 129239

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09670		mg/Kg		97	70 - 130	3	35
Toluene	0.100	0.08646		mg/Kg		86	70 - 130	2	35
Ethylbenzene	0.100	0.09362		mg/Kg		94	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1800		mg/Kg		90	70 - 130	3	35
o-Xylene	0.100	0.09367		mg/Kg		94	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-67104-A-1-B MS
 Matrix: Solid
 Analysis Batch: 129227

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 129239

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.00523		0.100	0.09734		mg/Kg		92	70 - 130
Toluene	0.231	F1	0.100	0.1463	F1	mg/Kg		-85	70 - 130

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QC Sample Results

Client: Ensolum
 Project/Site: PLU BS 19 - 24 - 31 USA Battery

Job ID: 890-9372-1
 SDG: 32.210087,-103.819219

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

Lab Sample ID: 880-67104-A-1-B MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 129227

Prep Batch: 129239

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier	Added	Result	Qualifier				
Ethylbenzene	0.0236	F1	0.100	0.1029		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	0.277	F1	0.200	0.2507	F1	mg/Kg		-13	70 - 130
o-Xylene	0.102	F1	0.100	0.09991	F1	mg/Kg		-2	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-67104-A-1-C MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 129227

Prep Batch: 129239

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Benzene	0.00523		0.100	0.08979		mg/Kg		85	70 - 130	8	35
Toluene	0.231	F1	0.100	0.1508	F1	mg/Kg		-81	70 - 130	3	35
Ethylbenzene	0.0236	F1	0.100	0.09128	F1	mg/Kg		68	70 - 130	12	35
m-Xylene & p-Xylene	0.277	F1	0.200	0.2450	F1	mg/Kg		-16	70 - 130	2	35
o-Xylene	0.102	F1	0.100	0.09033	F1	mg/Kg		-11	70 - 130	10	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: MB 880-129428/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 129379

Prep Batch: 129428

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	<0.00200	U	0.00200	mg/Kg		01/20/26 10:10	01/20/26 11:55	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/20/26 10:10	01/20/26 11:55	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/20/26 10:10	01/20/26 11:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/20/26 10:10	01/20/26 11:55	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/20/26 10:10	01/20/26 11:55	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/20/26 10:10	01/20/26 11:55	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	100		70 - 130	01/20/26 10:10	01/20/26 11:55	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/20/26 10:10	01/20/26 11:55	1

Lab Sample ID: LCS 880-129428/1-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 129379

Prep Batch: 129428

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	0.100	0.08137		mg/Kg		81	70 - 130
Ethylbenzene	0.100	0.08471		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	0.200	0.1622		mg/Kg		81	70 - 130

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QC Sample Results

Client: Ensolum
 Project/Site: PLU BS 19 - 24 - 31 USA Battery

Job ID: 890-9372-1
 SDG: 32.210087,-103.819219

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

Lab Sample ID: LCS 880-129428/1-A
Matrix: Solid
Analysis Batch: 129379

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 129428

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.08567		mg/Kg		86	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-129428/2-A
Matrix: Solid
Analysis Batch: 129379

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 129428

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.08788		mg/Kg		88	70 - 130	4	35
Toluene	0.100	0.08042		mg/Kg		80	70 - 130	1	35
Ethylbenzene	0.100	0.08480		mg/Kg		85	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1648		mg/Kg		82	70 - 130	2	35
o-Xylene	0.100	0.08656		mg/Kg		87	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 890-9378-A-1-C MS
Matrix: Solid
Analysis Batch: 129379

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 129428

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08328		mg/Kg		83	70 - 130
Toluene	<0.00200	U	0.100	0.07130		mg/Kg		71	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07525		mg/Kg		75	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1444		mg/Kg		72	70 - 130
o-Xylene	<0.00200	U	0.100	0.07460		mg/Kg		75	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 890-9378-A-1-D MSD
Matrix: Solid
Analysis Batch: 129379

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 129428

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.08496		mg/Kg		85	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.07454		mg/Kg		75	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.07805		mg/Kg		78	70 - 130	4	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1502		mg/Kg		75	70 - 130	4	35
o-Xylene	<0.00200	U	0.100	0.07791		mg/Kg		78	70 - 130	4	35

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QC Sample Results

Client: Ensolum
 Project/Site: PLU BS 19 - 24 - 31 USA Battery

Job ID: 890-9372-1
 SDG: 32.210087,-103.819219

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

Lab Sample ID: 890-9378-A-1-D MSD
 Matrix: Solid
 Analysis Batch: 129379

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 129428

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

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

Lab Sample ID: MB 880-129217/1-A
 Matrix: Solid
 Analysis Batch: 129371

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 129217

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/26 16:43	01/20/26 22:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/26 16:43	01/20/26 22:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/26 16:43	01/20/26 22:08	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	83		70 - 130	01/18/26 16:43	01/20/26 22:08	1
o-Terphenyl	87		70 - 130	01/18/26 16:43	01/20/26 22:08	1

Lab Sample ID: LCS 880-129217/2-A
 Matrix: Solid
 Analysis Batch: 129371

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 129217

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1070		mg/Kg		107	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	115		70 - 130
o-Terphenyl	110		70 - 130

Lab Sample ID: LCSD 880-129217/3-A
 Matrix: Solid
 Analysis Batch: 129371

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 129217

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	1000	1129		mg/Kg		113	70 - 130	5	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	125		70 - 130
o-Terphenyl	117		70 - 130

QC Sample Results

Client: Ensolum
 Project/Site: PLU BS 19 - 24 - 31 USA Battery

Job ID: 890-9372-1
 SDG: 32.210087,-103.819219

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

Lab Sample ID: 890-9371-A-7-B MS
 Matrix: Solid
 Analysis Batch: 129371

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 129217

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	1000	918.7		mg/Kg		92		70 - 130
Diesel Range Organics (Over C10-C28)	<50.4	U	1000	997.6		mg/Kg		100		70 - 130
Surrogate	%Recovery	Qualifier	Limits	MS	MS					
1-Chlorooctane	103		70 - 130							
o-Terphenyl	102		70 - 130							

Lab Sample ID: 890-9371-A-7-C MSD
 Matrix: Solid
 Analysis Batch: 129371

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 129217

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier								
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	1000	934.1		mg/Kg		93		70 - 130	2		20
Diesel Range Organics (Over C10-C28)	<50.4	U	1000	1012		mg/Kg		101		70 - 130	1		20
Surrogate	%Recovery	Qualifier	Limits	MSD	MSD								
1-Chlorooctane	104		70 - 130										
o-Terphenyl	104		70 - 130										

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-129296/1-A
 Matrix: Solid
 Analysis Batch: 129432

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Chloride	<10.0	U	10.0	mg/Kg			01/20/26 14:52	1

Lab Sample ID: LCS 880-129296/2-A
 Matrix: Solid
 Analysis Batch: 129432

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	Limits
Chloride	250	254.8		mg/Kg		102		90 - 110

Lab Sample ID: LCSD 880-129296/3-A
 Matrix: Solid
 Analysis Batch: 129432

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

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	Limits	RPD	Limit
Chloride	250	251.8		mg/Kg		101		90 - 110	1	20

QC Sample Results

Client: Ensolum
 Project/Site: PLU BS 19 - 24 - 31 USA Battery

Job ID: 890-9372-1
 SDG: 32.210087,-103.819219

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-9372-1 MS
Matrix: Solid
Analysis Batch: 129432

Client Sample ID: SS 01
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	16.3		253	285.0		mg/Kg		106	90 - 110

Lab Sample ID: 890-9372-1 MSD
Matrix: Solid
Analysis Batch: 129432

Client Sample ID: SS 01
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	16.3		253	283.1		mg/Kg		106	90 - 110	1	20

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QC Association Summary

Client: Ensolum
Project/Site: PLU BS 19 - 24 - 31 USA Battery

Job ID: 890-9372-1
SDG: 32.210087,-103.819219

GC VOA

Analysis Batch: 129227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9372-1	SS 01	Total/NA	Solid	8021B	129239
MB 880-129239/5-A	Method Blank	Total/NA	Solid	8021B	129239
LCS 880-129239/1-A	Lab Control Sample	Total/NA	Solid	8021B	129239
LCSD 880-129239/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	129239
880-67104-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	129239
880-67104-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	129239

Prep Batch: 129239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9372-1	SS 01	Total/NA	Solid	5035	
MB 880-129239/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-129239/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-129239/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67104-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-67104-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 129379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9372-2	SS 02	Total/NA	Solid	8021B	129428
890-9372-3	SS 03	Total/NA	Solid	8021B	129428
890-9372-4	SS 04	Total/NA	Solid	8021B	129428
MB 880-129428/5-A	Method Blank	Total/NA	Solid	8021B	129428
LCS 880-129428/1-A	Lab Control Sample	Total/NA	Solid	8021B	129428
LCSD 880-129428/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	129428
890-9378-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	129428
890-9378-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	129428

Prep Batch: 129428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9372-2	SS 02	Total/NA	Solid	5035	
890-9372-3	SS 03	Total/NA	Solid	5035	
890-9372-4	SS 04	Total/NA	Solid	5035	
MB 880-129428/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-129428/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-129428/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9378-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-9378-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 129487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9372-1	SS 01	Total/NA	Solid	Total BTEX	
890-9372-2	SS 02	Total/NA	Solid	Total BTEX	
890-9372-3	SS 03	Total/NA	Solid	Total BTEX	
890-9372-4	SS 04	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 129217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9372-1	SS 01	Total/NA	Solid	8015NM Prep	
890-9372-2	SS 02	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Ensolium
 Project/Site: PLU BS 19 - 24 - 31 USA Battery

Job ID: 890-9372-1
 SDG: 32.210087,-103.819219

GC Semi VOA (Continued)

Prep Batch: 129217 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9372-3	SS 03	Total/NA	Solid	8015NM Prep	
890-9372-4	SS 04	Total/NA	Solid	8015NM Prep	
MB 880-129217/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-129217/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-129217/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9371-A-7-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9371-A-7-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 129371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9372-1	SS 01	Total/NA	Solid	8015B NM	129217
890-9372-2	SS 02	Total/NA	Solid	8015B NM	129217
890-9372-3	SS 03	Total/NA	Solid	8015B NM	129217
890-9372-4	SS 04	Total/NA	Solid	8015B NM	129217
MB 880-129217/1-A	Method Blank	Total/NA	Solid	8015B NM	129217
LCS 880-129217/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	129217
LCSD 880-129217/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	129217
890-9371-A-7-B MS	Matrix Spike	Total/NA	Solid	8015B NM	129217
890-9371-A-7-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	129217

Analysis Batch: 129565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9372-1	SS 01	Total/NA	Solid	8015 NM	
890-9372-2	SS 02	Total/NA	Solid	8015 NM	
890-9372-3	SS 03	Total/NA	Solid	8015 NM	
890-9372-4	SS 04	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 129296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9372-1	SS 01	Soluble	Solid	DI Leach	
890-9372-2	SS 02	Soluble	Solid	DI Leach	
890-9372-3	SS 03	Soluble	Solid	DI Leach	
890-9372-4	SS 04	Soluble	Solid	DI Leach	
MB 880-129296/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-129296/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-129296/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9372-1 MS	SS 01	Soluble	Solid	DI Leach	
890-9372-1 MSD	SS 01	Soluble	Solid	DI Leach	

Analysis Batch: 129432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9372-1	SS 01	Soluble	Solid	300.0	129296
890-9372-2	SS 02	Soluble	Solid	300.0	129296
890-9372-3	SS 03	Soluble	Solid	300.0	129296
890-9372-4	SS 04	Soluble	Solid	300.0	129296
MB 880-129296/1-A	Method Blank	Soluble	Solid	300.0	129296
LCS 880-129296/2-A	Lab Control Sample	Soluble	Solid	300.0	129296
LCSD 880-129296/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	129296
890-9372-1 MS	SS 01	Soluble	Solid	300.0	129296

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QC Association Summary

Client: Ensolum
Project/Site: PLU BS 19 - 24 - 31 USA Battery

Job ID: 890-9372-1
SDG: 32.210087,-103.819219

HPLC/IC (Continued)

Analysis Batch: 129432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9372-1 MSD	SS 01	Soluble	Solid	300.0	129296

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Lab Chronicle

Client: Ensolum
 Project/Site: PLU BS 19 - 24 - 31 USA Battery

Job ID: 890-9372-1
 SDG: 32.210087,-103.819219

Client Sample ID: SS 01

Lab Sample ID: 890-9372-1

Date Collected: 01/16/26 09:24

Matrix: Solid

Date Received: 01/16/26 13:15

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	129239	01/19/26 09:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129227	01/19/26 17:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129487	01/19/26 17:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			129565	01/21/26 00:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	129217	01/18/26 16:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129371	01/21/26 00:31	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	129296	01/19/26 10:54	SA	EET MID
Soluble	Analysis	300.0		1			129432	01/20/26 15:14	CS	EET MID

Client Sample ID: SS 02

Lab Sample ID: 890-9372-2

Date Collected: 01/16/26 09:27

Matrix: Solid

Date Received: 01/16/26 13:15

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	129428	01/20/26 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129379	01/20/26 17:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129487	01/20/26 17:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			129565	01/21/26 00:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	129217	01/18/26 16:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129371	01/21/26 00:44	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	129296	01/19/26 10:54	SA	EET MID
Soluble	Analysis	300.0		1			129432	01/20/26 15:35	CS	EET MID

Client Sample ID: SS 03

Lab Sample ID: 890-9372-3

Date Collected: 01/16/26 09:42

Matrix: Solid

Date Received: 01/16/26 13:15

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	129428	01/20/26 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129379	01/20/26 17:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129487	01/20/26 17:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			129565	01/21/26 00:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	129217	01/18/26 16:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129371	01/21/26 00:59	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	129296	01/19/26 10:54	SA	EET MID
Soluble	Analysis	300.0		1			129432	01/20/26 15:42	CS	EET MID

Client Sample ID: SS 04

Lab Sample ID: 890-9372-4

Date Collected: 01/16/26 09:44

Matrix: Solid

Date Received: 01/16/26 13:15

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	129428	01/20/26 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129379	01/20/26 17:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129487	01/20/26 17:57	SA	EET MID

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Lab Chronicle

Client: Ensolum
 Project/Site: PLU BS 19 - 24 - 31 USA Battery

Job ID: 890-9372-1
 SDG: 32.210087,-103.819219

Client Sample ID: SS 04

Lab Sample ID: 890-9372-4

Date Collected: 01/16/26 09:44

Matrix: Solid

Date Received: 01/16/26 13:15

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			129565	01/21/26 01:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129217	01/18/26 16:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129371	01/21/26 01:13	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	129296	01/19/26 10:54	SA	EET MID
Soluble	Analysis	300.0		1			129432	01/20/26 15:49	CS	EET MID

Laboratory References:

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

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Accreditation/Certification Summary

Client: Ensolum
Project/Site: PLU BS 19 - 24 - 31 USA Battery

Job ID: 890-9372-1
SDG: 32.210087,-103.819219

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
Total BTEX		Solid	Total BTEX

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Method Summary

Client: Ensolum
Project/Site: PLU BS 19 - 24 - 31 USA Battery

Job ID: 890-9372-1
SDG: 32.210087,-103.819219

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
300.0	Anions, Ion Chromatography	EPA	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
- EPA = US Environmental Protection Agency
- 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: Ensolum
Project/Site: PLU BS 19 - 24 - 31 USA Battery

Job ID: 890-9372-1
SDG: 32.210087,-103.819219

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9372-1	SS 01	Solid	01/16/26 09:24	01/16/26 13:15	Surface
890-9372-2	SS 02	Solid	01/16/26 09:27	01/16/26 13:15	Surface
890-9372-3	SS 03	Solid	01/16/26 09:42	01/16/26 13:15	Surface
890-9372-4	SS 04	Solid	01/16/26 09:44	01/16/26 13:15	Surface

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Eurofins Carlsbad

1089 N Canal St.
 Carlsbad, NM 88220
 Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	COC No: 890-6369-1
Client Contact: Eurofins Environment Testing South Cent	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofins.com	Page: 1 of 1
Company: Eurofins Environment Testing South Cent	Due Date Requested: 1/22/2026	Accreditations Required (See note): NELAP - Texas	Job #: 890-9372-1
Address: 1211 W Florida Ave.	TAT Requested (days): N/A	Carrier Tracking No(s): N/A	Preservation Codes:
City: Midland	State, Zip: TX, 79701	State of Origin: New Mexico	
Phone: 432-704-5440(Tel)	PO #: N/A		
Email: N/A	WC #: N/A		
Project Name: PLU BS 19 - 24 - 31 USA BATTERY	Project #: 89000110		
Site: N/A	SSOV#: N/A		

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (G=Comp, G=grab)	Matrix (Hexavalent, Selenic, Oxidation, BTEX, AAAs)	Field/Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of Containers	Special Instructions/Note
					Field	Filtered	MS/MSD	MS/MSD		
SS 01 (890-9372-1)	1/16/26	09:24	G	Solid	X	X	X	X	1	
SS 02 (890-9372-2)	1/16/26	09:27	G	Solid	X	X	X	X	1	
SS 03 (890-9372-3)	1/16/26	09:42	G	Solid	X	X	X	X	1	
SS 04 (890-9372-4)	1/16/26	09:44	G	Solid	X	X	X	X	1	

Analysis Requested

8015MOD_NM/8015NM_S_Prep(MOD) Full TPH	X
8015MOD_Calc	X
8021B/5035FP_Calc(MOD) BTEX	X
Total_BTEX_GCV	X
SM4500_CI_E/DI_LEACH	X

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For _____ Months

Unconfirmed

Deliverable Requested I, II, III, IV, Other (specify) _____ Primary Deliverable Rank: 2

Special Instructions/COC Requirements _____

Empty KK Relinquished by: _____ Date: _____

Relinquished by: _____ Date/Time: 1-16-26 16:30 Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____

Custody Seals Intact: _____ Custody Seal No _____

Cooler Temperature(s) °C and Other Remarks: _____

3.7 | 3.6 | -1.7 | 1.1

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Eurofins Carlsbad

1089 N Canal St.
 Carlsbad, NM 88220
 Phone 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)

Client Contact: N/A
 Shipping/Receiving: N/A

Sampler: N/A
 Phone: N/A

Lab P#: N/A
 E-Mail: Jessica Kramer@et.eurofins.com

Carrier Tracking No(s): N/A
 State of Origin: New Mexico

COC No: 890-6369-1
 Page: 1 of 1

Company: Eurofins Environment Testing South Cent

Due Date Requested: 1/22/2026

Accreditations Required (See note): NELAP - Texas

Job #: 890-9372-1

Address: 1211 W Florida Ave.

TAT Requested (days): N/A

Analysis Requested

Preservation Codes:

City: Midland

State, Zip: TX, 79701

Phone: 432-704-5440 (Tel)

PO #: N/A

Project Name: PLU BS 19 - 24 - 31 USA BATTERY

Project #: 89000110

SSOV#: N/A

Site: N/A

Other: N/A

Special Instructions/Note:

Field Filtered Sample (Yes or No)

Perform MS/MSD (Yes or No)

8015MOD_NM/8015NM_S_Prep(MOD) Full TPH

8015MOD_Calc

8021B/5035FP_Calc(MOD) BTEX

Total_BTEX_GCV

SM4500_CI_E/DI_LEACH

Sample Identification - Client ID (Lab ID)

Sample Date

Sample Time

Sample Type (G=Comp, G=grab)

Matrix (Wet/dry, Solid, Semisolid, Overweight, Analyt)

Preservation Code

Field Filtered Sample (Yes or No)

Perform MS/MSD (Yes or No)

8015MOD_NM/8015NM_S_Prep(MOD) Full TPH

8015MOD_Calc

8021B/5035FP_Calc(MOD) BTEX

Total_BTEX_GCV

SM4500_CI_E/DI_LEACH

SS 01 (890-9372-1)

1/16/26

09:24

Mountain

G

Solid

8015MOD_NM/8015NM_S_Prep(MOD) Full TPH

8015MOD_Calc

8021B/5035FP_Calc(MOD) BTEX

Total_BTEX_GCV

SM4500_CI_E/DI_LEACH

SS 02 (890-9372-2)

1/16/26

09:27

Mountain

G

Solid

8015MOD_NM/8015NM_S_Prep(MOD) Full TPH

8015MOD_Calc

8021B/5035FP_Calc(MOD) BTEX

Total_BTEX_GCV

SM4500_CI_E/DI_LEACH

SS 03 (890-9372-3)

1/16/26

09:42

Mountain

G

Solid

8015MOD_NM/8015NM_S_Prep(MOD) Full TPH

8015MOD_Calc

8021B/5035FP_Calc(MOD) BTEX

Total_BTEX_GCV

SM4500_CI_E/DI_LEACH

SS 04 (890-9372-4)

1/16/26

09:44

Mountain

G

Solid

8015MOD_NM/8015NM_S_Prep(MOD) Full TPH

8015MOD_Calc

8021B/5035FP_Calc(MOD) BTEX

Total_BTEX_GCV

SM4500_CI_E/DI_LEACH

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontracted laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/assess/mark being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other institutions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central LLC.

Possible Hazard Identification

Deliverable Requested: I, II, III, IV, Other (specify)

Primary Deliverable Rank: 2

Special Instructions/QC Requirements

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Unconfirmed

Return To Client

Disposal By Lab

Archive For

Months

Empty FX Relinquished by:

Date:

Time

Method of Shipment:

Received by:

Company:

Relinquished by: *[Signature]*

Date/Time: 1-16-26 16:30

Company:

Received by: *[Signature]*

Date/Time: 1/19/26 8:00

Company:

Relinquished by:

Date/Time:

Company:

Received by:

Date/Time:

Company:

Custody Seals Intact: Yes No

Custody Seal No.

Cooler Temperature(s) °C and Other Remarks:

3.7 | 3.6 = 1.7

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9372-1
SDG Number: 32.210087,-103.819219

Login Number: 9372

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	True	
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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- 12
- 13
- 14

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9372-1
SDG Number: 32.210087,-103.819219

Login Number: 9372
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 01/18/26 04:29 PM

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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APPENDIX E

Spill Volume Calculations

Location:	PLU BS 19-24-31 USA Battery	
Spill Date:	10/13/2025	
Incident #:	nAPP2528732266	
Area 1		
Approximate Area =	3923	sq. ft.
Average Saturation (or depth) of spill =	2.00	inches
Average Porosity Factor =	0.25	
VOLUME OF LEAK		
Total Crude Oil =		bbls
Total Produced Water =	18.00	bbls
Area 2		
Approximate Area =		sq. ft.
Average Saturation (or depth) of spill =		inches
VOLUME OF LEAK		
Total Crude Oil =		bbls
Total Produced Water =		bbls
TOTAL VOLUME OF LEAK		
Total Crude Oil =		bbls
Total Produced Water =	18.0	bbls
TOTAL VOLUME RECOVERED		
Total Crude Oil =		bbls
Total Produced Water =	18	bbls

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

General Information
Phone: (505) 629-6116

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

QUESTIONS

Action 520701

QUESTIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID:	5380
	Action Number:	520701
	Action Type:	[C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2528732266
Incident Name	NAPP2528732266 PLU BS 19-24-31 USA BATTERY @ C-19-24S-31E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	PLU BS 19-24-31 USA Battery
Date Release Discovered	10/13/2025
Surface Owner	Federal

Incident Details	
<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

Nature and Volume of Release	
<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: Corrosion Flow Line - Production Produced Water Released: 18 BBL Recovered: 18 BBL Lost: 0 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
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QUESTIONS, Page 2

Action 520701

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 520701
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<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.</i>	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<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: Richard Kotzur Title: Senior Project Manager Email: NMEEnvNotifications@exxonmobil.com Date: 10/30/2025
--	--

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QUESTIONS, Page 3

Action 520701

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 520701
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

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)	Not answered.
What method was used to determine the depth to ground water	Not answered.
Did this release impact groundwater or surface water	Not answered.
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Not answered.
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Not answered.
An occupied permanent residence, school, hospital, institution, or church	Not answered.
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Not answered.
Any other fresh water well or spring	Not answered.
Incorporated municipal boundaries or a defined municipal fresh water well field	Not answered.
A wetland	Not answered.
A subsurface mine	Not answered.
An (non-karst) unstable area	Not answered.
Categorize the risk of this well / site being in a karst geology	Not answered.
A 100-year floodplain	Not answered.
Did the release impact areas not on an exploration, development, production, or storage site	Not answered.

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	No
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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State of New Mexico
Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 520701

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 520701
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	10/30/2025

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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 556423

QUESTIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 556423
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2528732266
Incident Name	NAPP2528732266 PLU BS 19-24-31 USA BATTERY @ FAPP2123046724
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2123046724] BIG SINKS 19 24 31 USA 1Y

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	PLU BS 19-24-31 USA BATTERY
Date Release Discovered	10/13/2025
Surface Owner	Federal

Incident Details	
<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

Nature and Volume of Release	
<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: Corrosion Flow Line - Production Produced Water Released: 18 BBL Recovered: 18 BBL Lost: 0 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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QUESTIONS, Page 2

Action 556423

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 556423
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<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.</i>	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<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: Richard Kotzur Title: Senior Project Manager Email: NMEEnvNotifications@exxonmobil.com Date: 02/20/2026
--	--

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QUESTIONS, Page 3

Action 556423

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 556423
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between ½ and 1 (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	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

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

Requesting a remediation plan approval with this submission	Yes
<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)	1280
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	01/05/2026
On what date will (or did) the final sampling or liner inspection occur	01/05/2026
On what date will (or was) the remediation complete(d)	01/16/2026
What is the estimated surface area (in square feet) that will be reclaimed	3632
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	3632
What is the estimated volume (in cubic yards) that will be remediated	0

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 556423

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 556423
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

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

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	Liner integrity inspection and delineation activities were conducted at the Site to address the October 2025 release of produced water. Laboratory analytical results for the delineation soil samples, collected below the liner tear, indicated that all COC concentrations were compliant with the Site Closure Criteria. Based on the soil sample analytical results, no impacted soil was identified, and no further remediation was required. Ensolum patched the tear in the liner following completion of delineation activities. Delineation of potential impacts at this Site determined that no soil exceeding Site Closure Criteria was located below the lined containment and the release was fully contained within the walls of the lined containment. Depth to groundwater has been estimated to be greater than 100 feet bgs and no other sensitive receptors were identified near the Site.

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: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 02/20/2026
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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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Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 556423

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 556423
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
<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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QUESTIONS, Page 6

Action 556423

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 556423
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	542445
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/16/2026
What was the (estimated) number of samples that were to be gathered	10
What was the sampling surface area in square feet	2000

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	3632
What was the total volume (cubic yards) remediated	0
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	3632
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Liner integrity inspection and delineation activities were conducted at the Site to address the October 2025 release of produced water. Laboratory analytical results for the delineation soil samples, collected below the liner tear, indicated that all COC concentrations were compliant with the Site Closure Criteria. Based on the soil sample analytical results, no impacted soil was identified, and no further remediation was required. Ensolum patched the tear in the liner following completion of delineation activities. Delineation of potential impacts at this Site determined that no soil exceeding Site Closure Criteria was located below the lined containment and the release was fully contained within the walls of the lined containment. Depth to groundwater has been estimated to be greater than 100 feet bgs and no other sensitive receptors were identified near the Site. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests closure for Incident Number nAPP2528732266.

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: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 02/20/2026
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QUESTIONS, Page 7

Action 556423

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 556423
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 556423

CONDITIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 556423
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation closure approved.	3/6/2026