



April 13, 2026

New Mexico Oil Conservation Division

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

**Re: Remediation Work Plan
PLU 423 Battery
Incident Number nAPP2601551224
Eddy County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of XTO Energy, Inc. (XTO), has prepared this *Remediation Work Plan (Work Plan)* to document assessment, delineation, and soil sampling activities for a produced water and crude oil release onto pad surface and into the adjacent pasture areas associated with PLU 423 Battery (Site). The following *Work Plan* describes delineation and soil sampling activities and proposes to excavate identified impacted soil.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit I, Section 19, Township 25 South, Range 30 East, in Eddy County, New Mexico (32.11263°, -103.91488°) and is associated with oil and gas exploration and production operations on federal land managed by the Bureau of Land Management (BLM).

On January 15, 2026, equipment failure resulted in the release of approximately 54 barrels (bbls) of produced water and 6 bbls of crude oil into an earthen containment and overflowed onto the adjacent pasture areas. A vacuum truck was immediately dispatched and recovered 55 bbls of released fluids. XTO submitted a Notification of Release (NOR) and an Initial C-141 Application (C-141) on January 15, 2026, to the New Mexico Oil Conservation Division (NMOCD). The release was assigned Incident Number nAPP2601551224.

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. Potential Site receptors are identified on Figure 1.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on the nearest groundwater data. The closest groundwater data is from a New Mexico Office of the State Engineer (NMOSE) soil boring, permitted as C-4394, located approximately 118 feet southwest of the Site. In February 2020, the well was advanced to a depth of 110 feet bgs via sonic drill. The temporary well was left open for 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 hydrated bentonite chips. The Well Record & Log for C-4394 is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a seasonal dry wash, located approximately 891 feet west 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), and no other sensitive receptors were identified.

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 TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 20,000 mg/kg

A reclamation requirement of 600 mg/kg chloride and 100 mg/kg total TPH applies to the top 4 feet of pasture areas that were impacted by the release, per 19.15.29.13.D (1) NMAC for the top 4 feet of areas that will be reclaimed following remediation.

SITE ASSESSMENT AND DELINEATION ACTIVITIES

Between February 12, 2026, and March 20, 2026, Ensolum personnel visited the Site to conduct delineation activities. Nine delineation surface samples, SS01 through SS09, were collected at the ground surface to assess the initial concentrations of the release at the surface. Eight boreholes, BH01 through BH08, were advanced to investigate the vertical extent of the release via hand auger and core drill. The boreholes were advanced to maximum terminal depths between 2 feet bgs and 7 feet bgs. The release extent and delineation soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation is included in Appendix B. Discrete soil samples were collected from the boreholes at 1-foot intervals from depths ranging from 0.5 feet to the terminal depth of each borehole. The soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix C.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, depth, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico or Eurofins Laboratory (Eurofins) in Carlsbad, New Mexico, for 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 Standard Method 4500 with Cardinal, or EPA Method 300.0 with Eurofins.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for surface delineation soil samples SS01 through SS04, within the mapped release extent, indicated benzene, BTEX, and TPH concentrations exceeding Closure Criteria at SS02 and TPH concentrations exceeding Closure Criteria at SS03. Laboratory analytical results for surface confirmation samples SS05, SS06, SS08, and SS09, outside of the expected release extent, indicated all COC concentrations were compliant with the strictest Closure Criteria. Laboratory analytical results for surface confirmation samples SS01 and SS07 had chloride concentrations exceeding the reclamation requirement.

Laboratory analytical results for vertical delineation soil samples BH01, and BH04 through BH08, ranging from depths 0.5 feet bgs to 7 feet bgs, indicated all COC concentrations were compliant with Closure Criteria, successfully defining the lateral extent of the release.

Laboratory analytical results for delineation soil samples collected from borehole BH03 at 1-foot bgs and 2-foot bgs indicated benzene, BTEX, and TPH concentrations exceeding the Closure Criteria. Laboratory analytical results are summarized in Table 1, and the complete laboratory analytical reports are included as Appendix D.

PROPOSED REMEDIATION WORK PLAN

The delineation soil sampling results indicate soil containing elevated benzene, BTEX, GRO+DRO and TPH concentrations exceeding the Closure Criteria exist across an approximate 10,796 square foot area and extends to depths ranging from the ground surface to 2 feet bgs. As such, XTO proposes completing the following remediation activities:

- Excavation of hydrocarbon-impacted soil to depths ranging from surface to 2.5 feet bgs or the maximum extent practicable. Excavation will proceed until confirmation soil samples confirm all COC concentrations are compliant with the Closure Criteria and reclamation requirements, where applicable.
- Surface scape of pasture area to remove surficial soil staining.
- Confirmation composite soil samples will be collected from the floor and sidewalls at a sampling frequency representing no more than 200 square feet.
- An estimated 385 cubic yards of impacted soil will be excavated and disposed of at a New Mexico approved disposal facility.
- The excavation will be backfilled with locally procured material and recontoured to match pre-existing conditions. Pasture areas will be reseeded with the recommended BLM seed mix.
- If confirmation soil samples indicated impacted soil remains immediately adjacent to active equipment and cannot be removed, deferral will be requested until the facility is reconstructed or the pad is abandoned, whichever occurs first.

XTO believes this *Work Plan* is protective of human health, the environment, and groundwater. As such, XTO requests approval of this *Work Plan* by NMOCD. XTO will complete the excavation and soil sampling activities within 90 days of the date of approval of this *Work Plan* by the NMOCD.

XTO Energy, Inc
Remediation Work Plan
PLU 423 Battery



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

Sincerely,
Ensolum, LLC

A handwritten signature in black ink that reads "Chris Wright".

Christopher Wright
Staff Geologist

A handwritten signature in black ink that reads "T Morrissey".

Tacoma Morrissey P.G. (licensed in TX)
Associate Principal

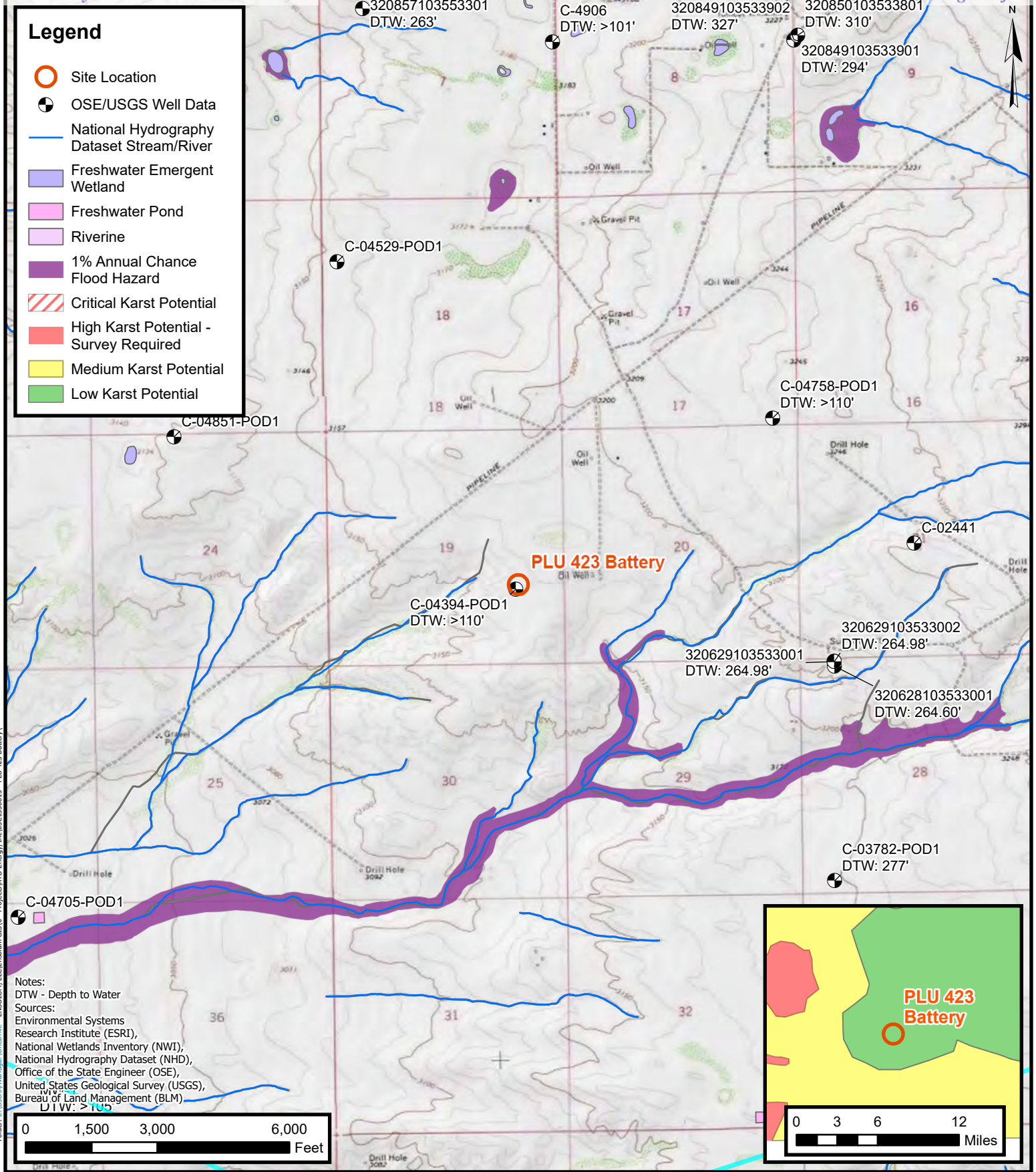
cc: Robert Woodall, XTO
Richard Kotzur, XTO
BLM

Appendices:

Figure 1 Site Receptor Map
Figure 2 Delineation Soil Sample Locations
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
Appendix E Spill Volume Calculations

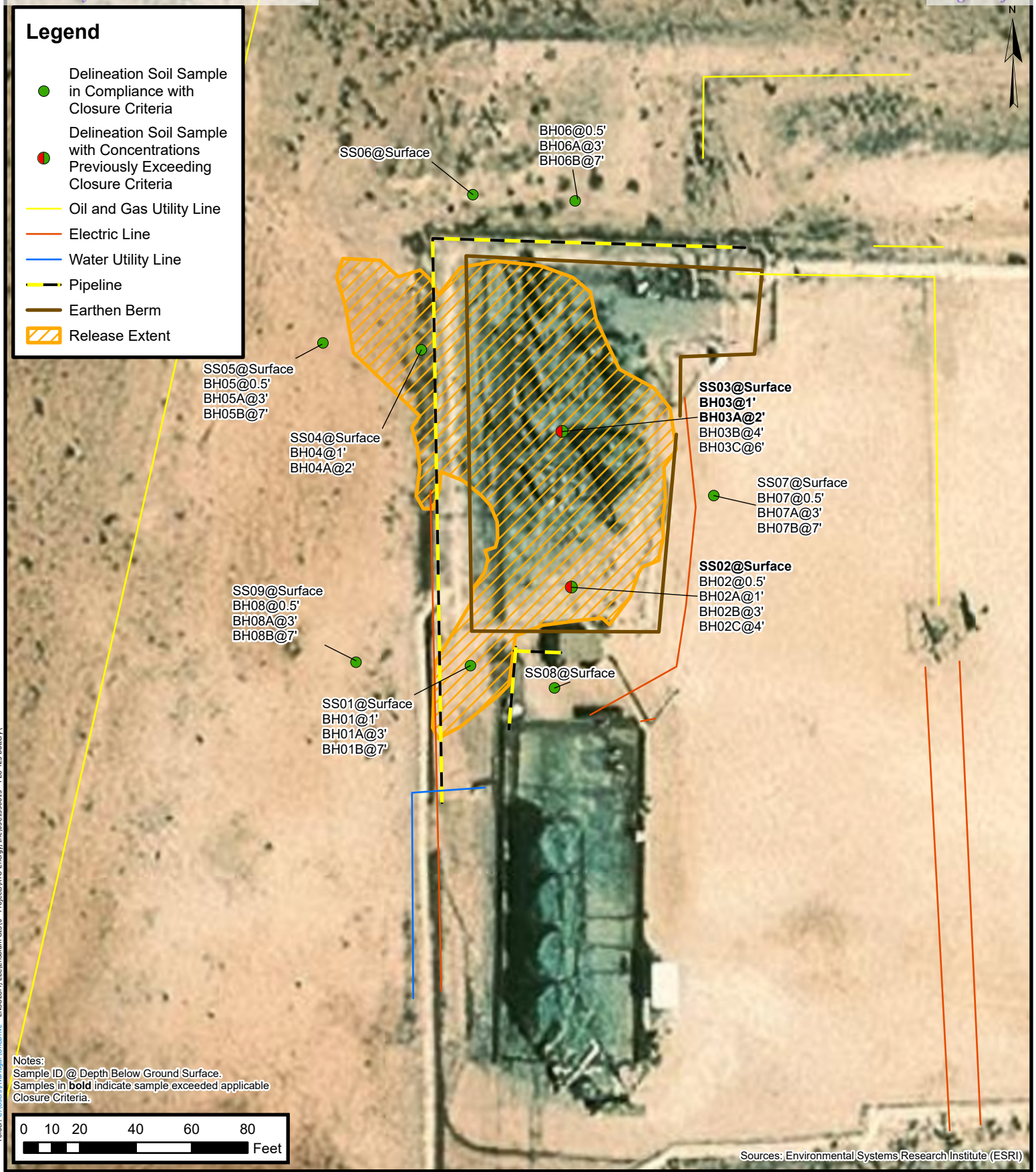


FIGURES



Site Receptor Map
 XTO Energy, Inc
 PLU 423 Battery
 Incident Number: nAPP2601551224
 Unit I, Section 19, T 25S, R 30E
 Eddy County, New Mexico

FIGURE
1



Delineation Soil Sample Locations

XTO Energy, Inc
 PLU 423 Battery
 Incident Number: nAPP2601551224
 Unit I, Section 19, T 25S, R 30E
 Eddy County, New Mexico

FIGURE

2



TABLES



**TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
PLU 423 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)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
SS01	01/30/2026	Surface	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	1,100
BH01	02/12/2026	1	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	3,820
BH01A	02/12/2026	3	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	3,280
BH01B	3/20/2026	7	<0.050	<0.300	<10.0	16.6	12.3	16.6	28.9	464
SS02	01/30/2026	Surface	10.1	368	6,220	9,640	651	15,860	16,511	37.4
BH02	02/12/2026	0.5	<0.00202	<0.00404	<50.0	757	127	757	884	106
BH02A	02/12/2026	1	<0.00199	<0.00398	<50.1	<50.1	<50.1	<50.1	<50.1	15.2
BH02B	03/19/2026	3	<0.050	<0.300	<10.0	12.7	<10.0	12.7	12.7	112
BH02C	03/19/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SS03	01/30/2026	Surface	1.42	49.8	5,530	10,700	565	16,230	16,795	36.6
BH03	02/12/2026	1	17.9	387	2,800	4,420	133	7,220	7,350	50.3
BH03A	02/12/2026	2	<1.00	5.93	655	1,630	79.1	2,285	2,360	99.8
BH03B	03/19/2026	4	<0.050	<0.300	<10.0	42.6	<10.0	42.6	42.6	80.0
BH03C	03/19/2026	6	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS04	01/30/2026	Surface	<0.0199	<0.0398	<50.2	429	<50.2	429	429	<10.1
BH04	02/12/2026	1	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	<10.0
BH04A	02/12/2026	2	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	11.9
SS05	01/30/2026	Surface	<0.00198	<0.00396	<50.3	<50.3	<50.3	<50.3	<50.3	<9.94
BH05	03/20/2026	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
BH05A	03/20/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
BH05B	03/20/2026	7	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
SS06	01/30/2026	Surface	<0.00200	<0.00399	<50.2	<50.2	<50.2	<50.2	<50.2	<9.92
BH06	03/20/2026	0.5	<0.050	0.671	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH06A	03/20/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
BH06B	03/20/2026	7	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
SS07	01/30/2026	Surface	<0.00201	<0.00402	<50.1	75.4	<50.1	75.4	75.4	1,870
BH07	03/20/2026	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
BH07A	03/20/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
BH07B	03/20/2026	7	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224



**TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
PLU 423 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)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
SS08	01/30/2026	Surface	<0.00202	<0.00404	<50.2	<50.2	<50.2	<50.2	<50.2	112
SS09	01/30/2026	Surface	<0.00199	<0.00398	<50.3	<50.3	<50.3	<50.3	<50.3	<9.96
BH08	03/20/2026	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH08A	03/20/2026	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
BH08B	03/20/2026	7	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

Concentrations in **bold** exceed the NMOCD 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.) C-4394 POD 1 MW-01		WELL TAG ID NO.		OSE FILE NO(S). C-4394			
	WELL OWNER NAME(S) Kyle Littrell XTO Energy, Inc.				PHONE (OPTIONAL) 432-682-8873			
	WELL OWNER MAILING ADDRESS 6401 Holiday Hill Road				CITY Midland	STATE ZIP TX 79707		
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE	MINUTES 06	SECONDS 46.42	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
		LONGITUDE	-103	54	55.92	W		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Unit 1 Section19, Township 25S, Range 30E								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1664		NAME OF LICENSED DRILLER Shawn Cain			NAME OF WELL DRILLING COMPANY Cascade Drilling		
	DRILLING STARTED 2/4/20	DRILLING ENDED 2/5/20	DEPTH OF COMPLETED WELL (FT) NA	BORE HOLE DEPTH (FT) 110	DEPTH WATER FIRST ENCOUNTERED (FT)			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED) <small>Centralizer info below</small>				STATIC WATER LEVEL IN COMPLETED WELL (FT)	DATE STATIC MEASURED		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY: None				CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>			
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Sonic							
	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					
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <small>*(if using Centralizers for Artesian wells- indicate the spacing below)</small>	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
	110	0	6	Bentonite Chips	23.5	Pour		

USE OUR RUSWELL NG
18 JAN 25 AM 11:12

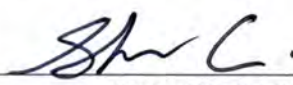
FOR OSE INTERNAL USE

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

FILE NO. C-4394	POD NO. i	TRN NO. 666404
LOCATION 25S. 30E. 19 3 2 4	WELL TAG ID NO. NA	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)		ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO			Y	N	
				See attached log	Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm):		

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: Dry Hole, backfilled with bentonite chips.	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Brett Gresham	

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME	Shawn Cain DATE

OSE DII ROSWELL NM
13 JAN '25 AM 11:12

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO. C-4394	POD NO. 1	TRN NO. 0666404	
LOCATION 25S. 30E. 19 324	WELL TAG ID NO. NA	PAGE 2 OF 2	





APPENDIX B
Photographic Log



Photographic Log


XTO Energy, Inc
PLU 423 Battery
nAPP2601551224

<p><u>Photograph</u> 1</p>	<p><u>Date</u> 01/15/2026</p>	
<p><u>Description</u> Initial assessment of release on pad</p>		
<p><u>View</u> East</p>		
<p><u>Photograph</u> 2</p>	<p><u>Date</u> 01/15/2026</p>	
<p><u>Description</u> Initial assessment of release on pad</p>		
<p><u>View</u> North</p>		



Photographic Log

XTO Energy, Inc
PLU 423 Battery
nAPP2601551224

<p><u>Photograph</u> 3</p>	<p><u>Date</u> 01/15/2026</p>	
<p><u>Description</u> Initial assessment of release on pad</p>		
<p><u>View</u> Northwest</p>		
<p><u>Photograph</u> 4</p>	<p><u>Date</u> 01/15/2026</p>	
<p><u>Description</u> Initial assessment of overflow in pasture</p>		
<p><u>View</u> South</p>		



Photographic Log

XTO Energy, Inc
PLU 423 Battery
nAPP2601551224

<p><u>Photograph</u> 5</p>	<p><u>Date</u> 02/12/2026</p>	
<p><u>Description</u> Vertical delineation activities, BH01</p>		
<p><u>View</u> West</p>		
<p><u>Photograph</u> 6</p>	<p><u>Date</u> 02/12/2026</p>	
<p><u>Description</u> Vertical delineation activities, BH03</p>		
<p><u>View</u> Northwest</p>		



Photographic Log

XTO Energy, Inc
 PLU 423 Battery
 nAPP2601551224

<p><u>Photograph</u> 7</p>	<p><u>Date</u> 02/12/2025</p>	
<p><u>Description</u> Vertical delineation activities, BH04</p>		
<p><u>View</u> West</p>		
<p><u>Photograph</u> 8</p>	<p><u>Date</u> 03/19/2026</p>	
<p><u>Description</u> Core drill vertical delineation activities, BH02</p>		
<p><u>View</u> North</p>		



Photographic Log


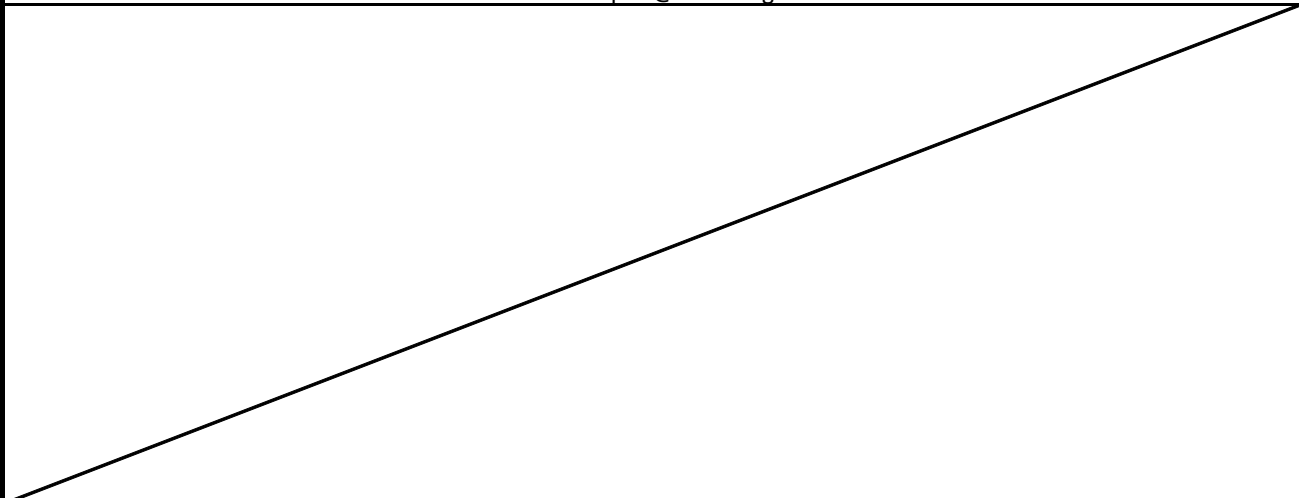
XTO Energy, Inc
 PLU 423 Battery
 nAPP2601551224


<p><u>Photograph</u> 9</p>	<p><u>Date</u> 03/20/2026</p>	<p>Date & Time: Fri, Mar 20, 2026 at 11:49:47 MDT Position: +032.113343° / -103.915648° (±5.8m) Altitude: 969m (±4.5m) Datum: WGS-84 Azimuth/Bearing: 079° N79E 1404mils True (±10°) Elevation Angle: -12.4° Horizon Angle: -00.8° Zoom: 1.0X</p>
<p><u>Description</u> Lateral delineation activities, BH05</p>		
<p><u>View</u> East</p>		
<p><u>Photograph</u> 10</p>	<p><u>Date</u> 03/20/2026</p>	<p>Date & Time: Fri, Mar 20, 2026 at 10:36:46 MDT Position: +032.113032° / -103.915608° (±5.7m) Altitude: 968m (±4.6m) Datum: WGS-84 Azimuth/Bearing: 052° N52E 0924mils True (±10°) Elevation Angle: -08.5° Horizon Angle: +01.2° Zoom: 1.0X</p>
<p><u>Description</u> Lateral delineation activities, BH08</p>		
<p><u>View</u> Northeast</p>		


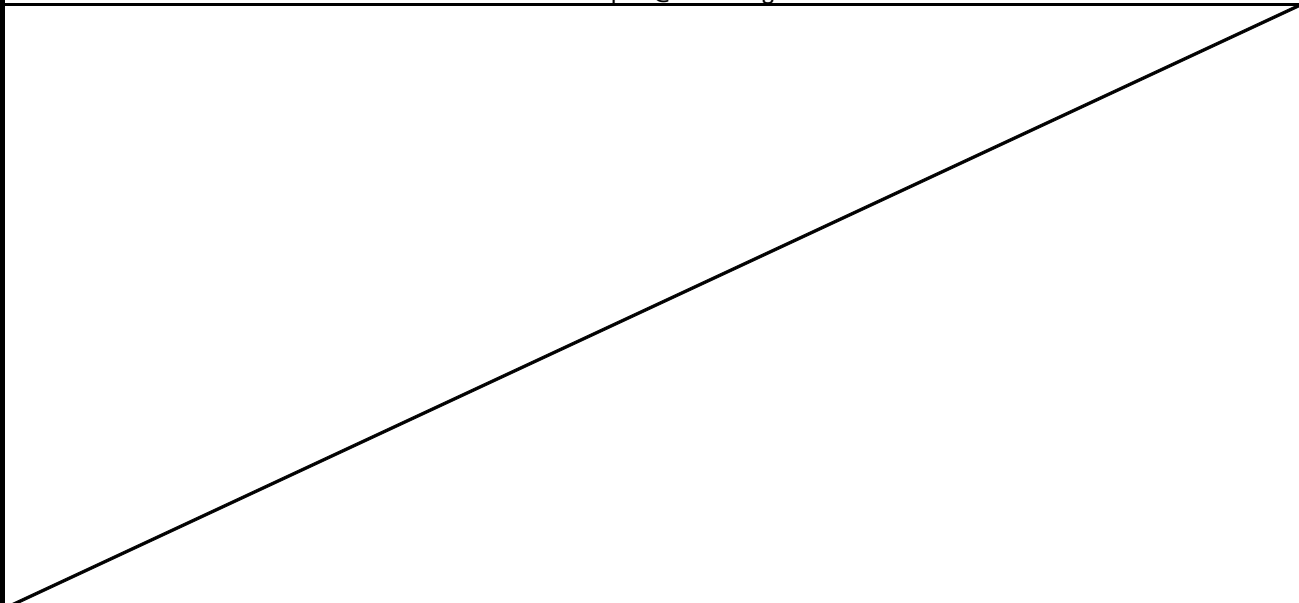



APPENDIX C


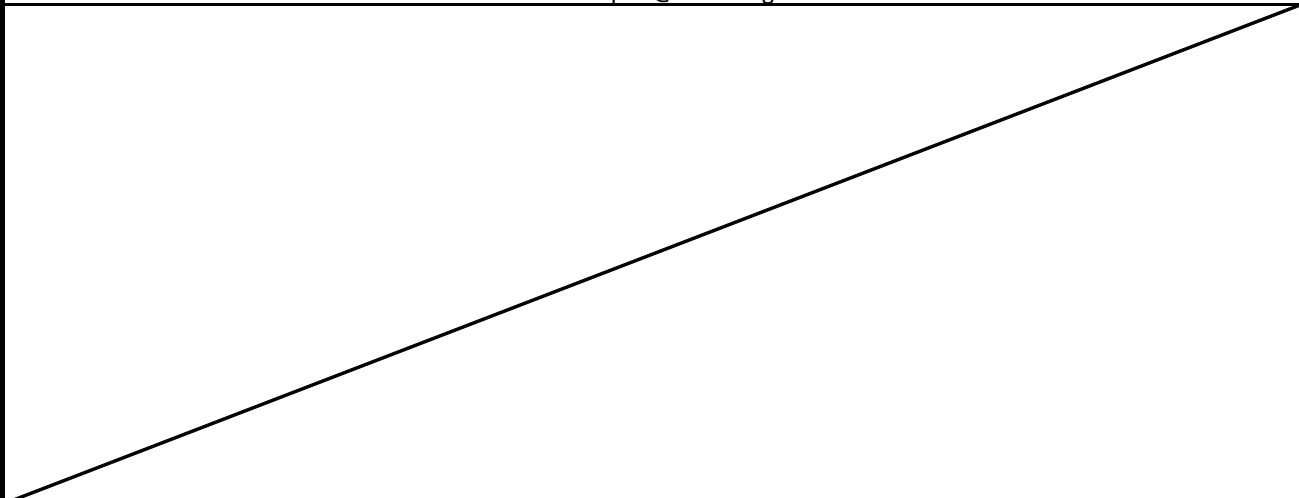
Lithologic Soil Sampling Logs


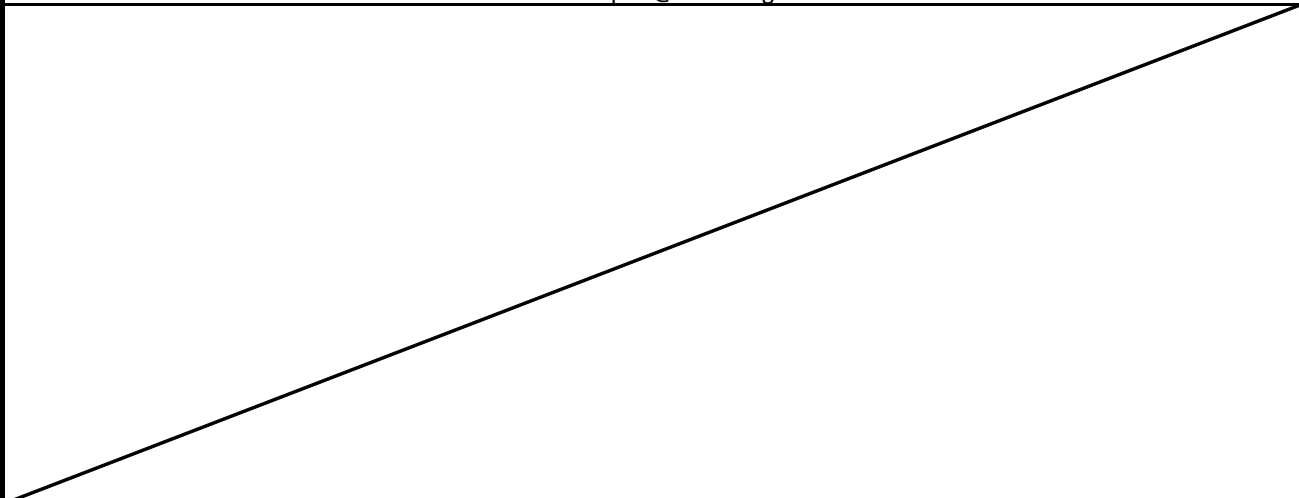
					Sample Name: BH01		Date: 1/30, 2/12, 3/19, 3/20/2026							
					Site Name: PLU 423 Battery				Incident Number: nAPP2601551224					
					Job Number: 03C1558813				Logged By: Trevor Wargo, Chris Wright				Method: Hand Auger, Core Drill	
					LITHOLOGIC / SOIL SAMPLING LOG					Coordinates: 32.113028, -103.915457		Hole Diameter: 3", 1.25"		Total Depth: 7'
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% 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						
M	<179	3.0	Y	SS01	0	0	CCHE	0 - 1': Dark brown caliche, well graded gravel to sand. Moisture present from release.						
D	3,539	5.5	Y	BH01	1	1		1' - 4': Light brown caliche, well graded gravel to sand.						
D	3,281	5.5	N		2	2								
D	3,052	5.0	N	BH01A	3	3								
D	6,261	4.5	N		4	4		4'-5': Light brown to off-white caliche, sands and gravels with little silt. Well graded, cohesive, non plastic.						
D	2,559	2.9	N		5	5		5'-6': Dark gray caliche, sands and gravels with little silt. Well graded, cohesive, non-plastic.						
D	812	0	N		6	6		6'-7': Dark gray to off white caliche, sands and gravels with few silt. Well graded, cohesive, non-plastic.						
D	426	0	N	BH01B	7	7								
Total Depth @ 7 feet bgs														
														


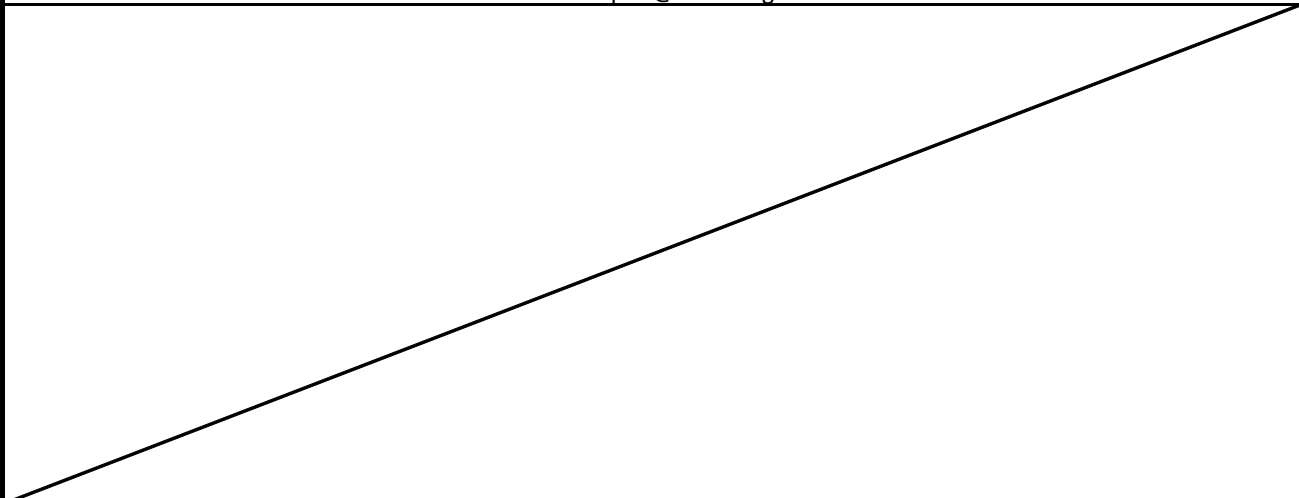
		Sample Name: BH02	Date: 1/30, 2/12, 3/20/2026					
		Site Name: PLU 423 Battery						
		Incident Number: nAPP2601551224						
		Job Number: 03C1558813						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.113103, -103.915339		Logged By: Trevor Wargo, Chris Wright	Method: Hand Auger, Core Drill					
		Hole Diameter: 3", 1.25"	Total Depth: 7'					
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% 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
M	<179	3.0	Y	SS02	0	0		0 - 1': Dark brown caliche, well graded gravel to sand. Moisture present from release.
M	<157	305.7	Y	BH02	0.5			
D	<157	5.5	Y	BH02A	1	1		1' - 4': Light brown caliche, whole rock with few sands. Well graded, non-cohesive.
D	330	37.5	N		2	2	CCHE	
D	<179	12.5	N	BH02B	3	3		
D	<179	6.2	N	BH02C	4	4		
Total Depth @ 4 feet bgs								


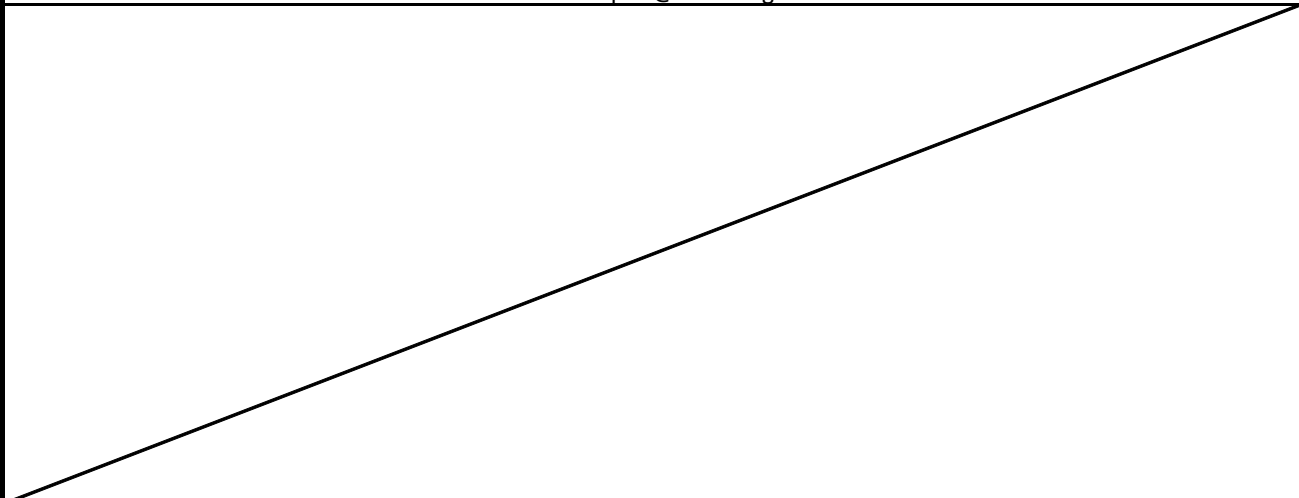
		Sample Name: BH03		Date: 1/30, 2/12, 3/20/2026				
		Site Name: PLU 423 Battery						
		Incident Number: nAPP2601551224						
		Job Number: 03C1558813						
LITHOLOGIC / SOIL SAMPLING LOG				Logged By: Trevor Wargo, Chris Wright		Method: Hand Auger, Core Drill		
Coordinates: 32.113256, -103.915347				Hole Diameter: 3", 1.25"		Total Depth: 7'		
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% 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
M	<179	278.5	Y	SS03	0	0	CCHE	0 - 3': Dark brown caliche, well graded gravel to sand. Moisture present from release.
D	<157	>5,000	Y	BH03	1	1		
D	<157	<5,000	Y	BH03A	2	2		
D	<179	85.8	N		3	3		3' - 4': Light brown caliche, coarse to fine grained sands with silts and trace clay. Cohesive, non-plastic, well graded. Odor present.
D	<179	20.1	N	BH03B	4	4		4' - 5': Light to dark brown caliche, coarse to fine grained sands and gravels. Well graded, non-cohesive.
D	<179	7.8	N		5	5	SP-SC	5' - 6': Light brown medium to fine grained sands and silts. Cohesive, low-plasticity, poorly graded.
D	<179	9.4	N	BH03C	6	6		
Total Depth @ 6 feet bgs								
								

					Sample Name: BH04		Date: 1/30, 2/12/2026					
					Site Name: PLU 423 Battery				Incident Number: nAPP2601551224			
					Job Number: 03C1558813				Logged By: Trevor Wargo		Method: Hand Auger	
					LITHOLOGIC / SOIL SAMPLING LOG				Coordinates: 32.113337, -103.915508		Hole Diameter: 3"	
							Total Depth: 2'					
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% 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	<179	27.1	N	SS04	0	0		0 - 1': Red brown sands with gravels. Well graded.				
D	<157	5.5	N	BH04	1	1	SM	1' - 2': Grey sand with gravels. Well graded.				
D	330	37.5	N	BH04A	2	2						
Total Depth @ 2 feet bgs												
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					Sample Name: BH05		Date: 1/30, 3/20/2026					
					Site Name: PLU 423 Battery				Incident Number: nAPP2601551224			
					Job Number: 03C1558813				Logged By: Chris Wright			
									Method: Hand Auger			
LITHOLOGIC / SOIL SAMPLING LOG					Coordinates: 32.113344, -103.915621		Hole Diameter: 3"		Total Depth: 7'			
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% 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	<179	0.7	N	SS05	0	0	SW-SM	0 - 7': Red brown coarse to fine grained sands with little carbonate gravels and few silt. Non-cohesive, well graded.				
D	<179	0.6	N	BH05	1	1						
D	286	1.0	N		2	2						
D	375	1.4	N	BH05A	3	3						
D	330	1.6	N		4	4						
D	246	1.4	N		5	5						
D	398	0.8	N		6	6						
D	347	0.9	N	BH05B	7	7						
Total Depth @ 7 feet bgs												
												

					Sample Name: BH06		Date: 3/20/2026					
					Site Name: PLU 423 Battery				Incident Number: nAPP2601551224			
					Job Number: 03C1558813				Logged By: Chris Wright			
									Method: Core Drill			
LITHOLOGIC / SOIL SAMPLING LOG					Coordinates: 32.113482, -103.915328		Hole Diameter: 1.25"		Total Depth: 7'			
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% 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	<157	3.5	N	BH06	0	0	CCHE	0 - 3': Light brown to off white caliche, gravels and sand, little silt. Non-cohesive, well graded.				
D	<157	3.1	N		0.5	0.5						
D	<157	0.0	N		1	1						
D	<157	0.0	N		2	2						
D	<157	0.0	N	BH06A	3	3	SC	3' - 7': Light to red brown medium to fine grained sands with few gravels and silts. Cohesive, well-graded, low plasticity.				
D	<157	0.8	N		4	4						
D	<157	0.0	N		5	5						
D	190	0.0	N		6	6						
D	<157	0.0	N	BH06B	7	7						
Total Depth @ 7 feet bgs												
												

					Sample Name: BH07		Date: 1/30, 3/20/2026					
					Site Name: PLU 423 Battery				Incident Number: nAPP2601551224			
					Job Number: 03C1558813				Logged By: Chris Wright			
									Method: Core Drill			
LITHOLOGIC / SOIL SAMPLING LOG					Coordinates: 32.113191, -103.915173		Hole Diameter: 1.75"		Total Depth: 7'			
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% 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	<179	1.2	N	SS07	0	0	CCHE	0 - 7': Light brown to off-white caliche. Coarse to fine grained sands and gravels. Well graded, cohesive, non-plastic.				
D	330	1.1	N	BH07	0.5							
D	526	0.9	N		1							
D	409	0.0	N		2							
D	465	0.0	N	BH07A	3							
D	526	0.1	N		4							
D	409	0.3	N		5							
D	190	0.3	N		6							
D	190	0	N	BH07B	7	7						
Total Depth @ 7 feet bgs												
												

					Sample Name: SS09, BH08		Date: 1/30, 3/20/2026					
					Site Name: PLU 423 Battery				Incident Number: nAPP2601551224			
					Job Number: 03C1558813				Logged By: Chris Wright			
									Method: Hand Auger			
LITHOLOGIC / SOIL SAMPLING LOG					Coordinates: 32.113032, -103.915587		Hole Diameter: 3"					
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% 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	<179	1.5	N	SS09	0	0	SW-SM	0 - 7': Red brown coarse to fine grained sands with little carbonate gravels and few silt. Non-cohesive, well graded.				
	<179	1.4	N	BH08	0.5							
D	179	0.9	N		1	1						
D	286	0.6	N		2	2						
D	286	0.7	N	BH08A	3	3						
D	286	0.7	N		4	4						
D	246	0.6	N		5	5						
D	207	0.6	N		6	6						
D	207	0.9	N	BH08B	7	7						
Total Depth @ 7 feet bgs												
												



APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jeremy Reich
 Ensolum
 601 N. Marienfeld St.
 Suite 400
 Midland, Texas 79701

Generated 2/10/2026 11:43:24 AM

JOB DESCRIPTION

PLU 423 BATTERY
 03C1558813

JOB NUMBER

890-9429-1

Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad NM 88220



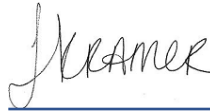
Eurofins Carlsbad

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
2/10/2026 11:43:24 AM

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 423 BATTERY

Laboratory Job ID: 890-9429-1
SDG: 03C1558813

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Definitions/Glossary

Client: Ensolum
Project/Site: PLU 423 BATTERY

Job ID: 890-9429-1
SDG: 03C1558813

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Ensolum
Project: PLU 423 BATTERY

Job ID: 890-9429-1

Job ID: 890-9429-1

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Job Narrative 890-9429-1

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 1/30/2026 2:18 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 3.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-9429-1), SS 02 (890-9429-2), SS 03 (890-9429-3), SS 04 (890-9429-4), SS 05 (890-9429-5), SS 06 (890-9429-6), SS 07 (890-9429-7), SS 08 (890-9429-8) and SS 09 (890-9429-9).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-130685 and analytical batch 880-131028 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-9429-1) and SS 05 (890-9429-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 07 (890-9429-7). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 04 (890-9429-4). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 02 (890-9429-2). Evidence of matrix interference due to high target analytes is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (890-9429-A-9-B MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: SS 02 (890-9429-2) and SS 03 (890-9429-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-130574 and analytical batch 880-130629 were outside control limits for Chloride. 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.

The associated samples are: SS 01 (890-9429-1), SS 02 (890-9429-2), SS 03 (890-9429-3), SS 04 (890-9429-4), SS 05 (890-9429-5), SS 06 (890-9429-6), SS 07 (890-9429-7), SS 08 (890-9429-8), SS 09 (890-9429-9), (890-9429-A-1-C MS) and

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Case Narrative

Client: Ensolum
Project: PLU 423 BATTERY

Job ID: 890-9429-1

Job ID: 890-9429-1 (Continued)

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(890-9429-A-1-D MSD).

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 423 BATTERY

Job ID: 890-9429-1
SDG: 03C1558813

Client Sample ID: SS 01

Lab Sample ID: 890-9429-1

Date Collected: 01/30/26 09:48

Matrix: Solid

Date Received: 01/30/26 14:18

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		02/03/26 13:50	02/06/26 12:38	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/03/26 13:50	02/06/26 12:38	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/03/26 13:50	02/06/26 12:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		02/03/26 13:50	02/06/26 12:38	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/03/26 13:50	02/06/26 12:38	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		02/03/26 13:50	02/06/26 12:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	02/03/26 13:50	02/06/26 12:38	1
1,4-Difluorobenzene (Surr)	69	S1-	70 - 130	02/03/26 13:50	02/06/26 12:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			02/06/26 12:38	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			02/05/26 20:21	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		02/02/26 11:19	02/05/26 20:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		02/02/26 11:19	02/05/26 20:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		02/02/26 11:19	02/05/26 20:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	02/02/26 11:19	02/05/26 20:21	1
o-Terphenyl	119		70 - 130	02/02/26 11:19	02/05/26 20:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100	F1	49.8	mg/Kg			02/03/26 12:48	5

Client Sample ID: SS 02

Lab Sample ID: 890-9429-2

Date Collected: 01/30/26 09:50

Matrix: Solid

Date Received: 01/30/26 14:18

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	10.1		2.02	mg/Kg		02/09/26 12:56	02/09/26 20:35	1000
Toluene	104		2.02	mg/Kg		02/09/26 12:56	02/09/26 20:35	1000
Ethylbenzene	49.5		2.02	mg/Kg		02/09/26 12:56	02/09/26 20:35	1000
m-Xylene & p-Xylene	153		4.04	mg/Kg		02/09/26 12:56	02/09/26 20:35	1000
o-Xylene	50.9		2.02	mg/Kg		02/09/26 12:56	02/09/26 20:35	1000
Xylenes, Total	204		4.04	mg/Kg		02/09/26 12:56	02/09/26 20:35	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130	02/09/26 12:56	02/09/26 20:35	1000
1,4-Difluorobenzene (Surr)	114		70 - 130	02/09/26 12:56	02/09/26 20:35	1000

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Client Sample Results

Client: Ensolum
Project/Site: PLU 423 BATTERY

Job ID: 890-9429-1
SDG: 03C1558813

Client Sample ID: SS 02

Lab Sample ID: 890-9429-2

Date Collected: 01/30/26 09:50

Matrix: Solid

Date Received: 01/30/26 14:18

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	368		4.04	mg/Kg			02/09/26 20:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	16500		498	mg/Kg			02/05/26 20:34	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	6220		498	mg/Kg		02/02/26 11:19	02/05/26 20:34	10
Diesel Range Organics (Over C10-C28)	9640		498	mg/Kg		02/02/26 11:19	02/05/26 20:34	10
Oil Range Organics (Over C28-C36)	651		498	mg/Kg		02/02/26 11:19	02/05/26 20:34	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	248	S1+	70 - 130	02/02/26 11:19	02/05/26 20:34	10
o-Terphenyl	329	S1+	70 - 130	02/02/26 11:19	02/05/26 20:34	10

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.4		9.92	mg/Kg			02/03/26 13:09	1

Client Sample ID: SS 03

Lab Sample ID: 890-9429-3

Date Collected: 01/30/26 09:52

Matrix: Solid

Date Received: 01/30/26 14:18

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.42		0.497	mg/Kg		02/09/26 12:56	02/09/26 20:55	250
Toluene	13.3		0.497	mg/Kg		02/09/26 12:56	02/09/26 20:55	250
Ethylbenzene	6.73		0.497	mg/Kg		02/09/26 12:56	02/09/26 20:55	250
m-Xylene & p-Xylene	20.4		0.994	mg/Kg		02/09/26 12:56	02/09/26 20:55	250
o-Xylene	7.97		0.497	mg/Kg		02/09/26 12:56	02/09/26 20:55	250
Xylenes, Total	28.4		0.994	mg/Kg		02/09/26 12:56	02/09/26 20:55	250

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	02/09/26 12:56	02/09/26 20:55	250
1,4-Difluorobenzene (Surr)	111		70 - 130	02/09/26 12:56	02/09/26 20:55	250

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	49.8		0.994	mg/Kg			02/09/26 20:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	16800		500	mg/Kg			02/05/26 20:48	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	5530		500	mg/Kg		02/02/26 11:19	02/05/26 20:48	10

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Client Sample Results

Client: Ensolum
 Project/Site: PLU 423 BATTERY

Job ID: 890-9429-1
 SDG: 03C1558813

Client Sample ID: SS 03

Lab Sample ID: 890-9429-3

Date Collected: 01/30/26 09:52

Matrix: Solid

Date Received: 01/30/26 14:18

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	10700		500	mg/Kg		02/02/26 11:19	02/05/26 20:48	10
Oil Range Organics (Over C28-C36)	565		500	mg/Kg		02/02/26 11:19	02/05/26 20:48	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	255	S1+	70 - 130			02/02/26 11:19	02/05/26 20:48	10
o-Terphenyl	338	S1+	70 - 130			02/02/26 11:19	02/05/26 20:48	10

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.6		10.0	mg/Kg			02/03/26 13:16	1

Client Sample ID: SS 04

Lab Sample ID: 890-9429-4

Date Collected: 01/30/26 09:58

Matrix: Solid

Date Received: 01/30/26 14:18

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199	mg/Kg		02/03/26 13:50	02/06/26 19:56	10
Toluene	<0.0199	U	0.0199	mg/Kg		02/03/26 13:50	02/06/26 19:56	10
Ethylbenzene	<0.0199	U	0.0199	mg/Kg		02/03/26 13:50	02/06/26 19:56	10
m-Xylene & p-Xylene	<0.0398	U	0.0398	mg/Kg		02/03/26 13:50	02/06/26 19:56	10
o-Xylene	<0.0199	U	0.0199	mg/Kg		02/03/26 13:50	02/06/26 19:56	10
Xylenes, Total	<0.0398	U	0.0398	mg/Kg		02/03/26 13:50	02/06/26 19:56	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		70 - 130			02/03/26 13:50	02/06/26 19:56	10
1,4-Difluorobenzene (Surr)	73		70 - 130			02/03/26 13:50	02/06/26 19:56	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0398	U	0.0398	mg/Kg			02/06/26 19:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	429		50.2	mg/Kg			02/05/26 21:02	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	<50.2	U	50.2	mg/Kg		02/02/26 11:19	02/05/26 21:02	1
Diesel Range Organics (Over C10-C28)	429		50.2	mg/Kg		02/02/26 11:19	02/05/26 21:02	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2	mg/Kg		02/02/26 11:19	02/05/26 21:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130			02/02/26 11:19	02/05/26 21:02	1
o-Terphenyl	125		70 - 130			02/02/26 11:19	02/05/26 21:02	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			02/03/26 13:23	1

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Client Sample Results

Client: Ensolum
Project/Site: PLU 423 BATTERY

Job ID: 890-9429-1
SDG: 03C1558813

Client Sample ID: SS 05

Lab Sample ID: 890-9429-5

Date Collected: 01/30/26 09:56

Matrix: Solid

Date Received: 01/30/26 14:18

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		02/03/26 13:50	02/06/26 13:19	1
Toluene	<0.00198	U	0.00198	mg/Kg		02/03/26 13:50	02/06/26 13:19	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		02/03/26 13:50	02/06/26 13:19	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		02/03/26 13:50	02/06/26 13:19	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		02/03/26 13:50	02/06/26 13:19	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		02/03/26 13:50	02/06/26 13:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	383	S1+	70 - 130	02/03/26 13:50	02/06/26 13:19	1
1,4-Difluorobenzene (Surr)	94		70 - 130	02/03/26 13:50	02/06/26 13:19	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			02/06/26 13:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3	mg/Kg			02/05/26 21:16	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	<50.3	U	50.3	mg/Kg		02/02/26 11:19	02/05/26 21:16	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3	mg/Kg		02/02/26 11:19	02/05/26 21:16	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3	mg/Kg		02/02/26 11:19	02/05/26 21:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	02/02/26 11:19	02/05/26 21:16	1
o-Terphenyl	116		70 - 130	02/02/26 11:19	02/05/26 21:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94	mg/Kg			02/03/26 13:30	1

Client Sample ID: SS 06

Lab Sample ID: 890-9429-6

Date Collected: 01/30/26 10:56

Matrix: Solid

Date Received: 01/30/26 14:18

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		02/03/26 13:50	02/06/26 18:34	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/03/26 13:50	02/06/26 18:34	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/03/26 13:50	02/06/26 18:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		02/03/26 13:50	02/06/26 18:34	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/03/26 13:50	02/06/26 18:34	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		02/03/26 13:50	02/06/26 18:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	02/03/26 13:50	02/06/26 18:34	1
1,4-Difluorobenzene (Surr)	103		70 - 130	02/03/26 13:50	02/06/26 18:34	1

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Client Sample Results

Client: Ensolum
Project/Site: PLU 423 BATTERY

Job ID: 890-9429-1
SDG: 03C1558813

Client Sample ID: SS 06

Lab Sample ID: 890-9429-6

Date Collected: 01/30/26 10:56

Matrix: Solid

Date Received: 01/30/26 14:18

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			02/06/26 18:34	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2	mg/Kg			02/05/26 21:30	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	<50.2	U	50.2	mg/Kg		02/02/26 11:19	02/05/26 21:30	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2	mg/Kg		02/02/26 11:19	02/05/26 21:30	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2	mg/Kg		02/02/26 11:19	02/05/26 21:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	02/02/26 11:19	02/05/26 21:30	1
o-Terphenyl	109		70 - 130	02/02/26 11:19	02/05/26 21:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92	mg/Kg			02/03/26 13:50	1

Client Sample ID: SS 07

Lab Sample ID: 890-9429-7

Date Collected: 01/30/26 10:03

Matrix: Solid

Date Received: 01/30/26 14:18

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		02/03/26 13:50	02/06/26 18:54	1
Toluene	<0.00201	U	0.00201	mg/Kg		02/03/26 13:50	02/06/26 18:54	1
Ethylbenzene	0.00295		0.00201	mg/Kg		02/03/26 13:50	02/06/26 18:54	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		02/03/26 13:50	02/06/26 18:54	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		02/03/26 13:50	02/06/26 18:54	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		02/03/26 13:50	02/06/26 18:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130	02/03/26 13:50	02/06/26 18:54	1
1,4-Difluorobenzene (Surr)	105		70 - 130	02/03/26 13:50	02/06/26 18:54	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			02/06/26 18:54	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	75.4		50.1	mg/Kg			02/05/26 21:44	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	<50.1	U	50.1	mg/Kg		02/02/26 11:19	02/05/26 21:44	1
Diesel Range Organics (Over C10-C28)	75.4		50.1	mg/Kg		02/02/26 11:19	02/05/26 21:44	1

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Client Sample Results

Client: Ensolum
Project/Site: PLU 423 BATTERY

Job ID: 890-9429-1
SDG: 03C1558813

Client Sample ID: SS 07

Lab Sample ID: 890-9429-7

Date Collected: 01/30/26 10:03

Matrix: Solid

Date Received: 01/30/26 14:18

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		02/02/26 11:19	02/05/26 21:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130			02/02/26 11:19	02/05/26 21:44	1
o-Terphenyl	108		70 - 130			02/02/26 11:19	02/05/26 21:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1870		49.6	mg/Kg			02/03/26 13:57	5

Client Sample ID: SS 08

Lab Sample ID: 890-9429-8

Date Collected: 01/30/26 09:52

Matrix: Solid

Date Received: 01/30/26 14:18

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		02/03/26 13:50	02/06/26 19:15	1
Toluene	<0.00202	U	0.00202	mg/Kg		02/03/26 13:50	02/06/26 19:15	1
Ethylbenzene	0.00242		0.00202	mg/Kg		02/03/26 13:50	02/06/26 19:15	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		02/03/26 13:50	02/06/26 19:15	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		02/03/26 13:50	02/06/26 19:15	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		02/03/26 13:50	02/06/26 19:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130			02/03/26 13:50	02/06/26 19:15	1
1,4-Difluorobenzene (Surr)	113		70 - 130			02/03/26 13:50	02/06/26 19:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			02/06/26 19:15	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2	mg/Kg			02/05/26 21:59	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	<50.2	U	50.2	mg/Kg		02/02/26 11:19	02/05/26 21:59	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2	mg/Kg		02/02/26 11:19	02/05/26 21:59	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2	mg/Kg		02/02/26 11:19	02/05/26 21:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130			02/02/26 11:19	02/05/26 21:59	1
o-Terphenyl	104		70 - 130			02/02/26 11:19	02/05/26 21:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		10.0	mg/Kg			02/03/26 14:04	1

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Client Sample Results

Client: Ensolum
 Project/Site: PLU 423 BATTERY

Job ID: 890-9429-1
 SDG: 03C1558813

Client Sample ID: SS 09

Lab Sample ID: 890-9429-9

Date Collected: 01/30/26 09:59

Matrix: Solid

Date Received: 01/30/26 14:18

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		02/03/26 13:50	02/06/26 19:36	1
Toluene	<0.00199	U	0.00199	mg/Kg		02/03/26 13:50	02/06/26 19:36	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		02/03/26 13:50	02/06/26 19:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		02/03/26 13:50	02/06/26 19:36	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		02/03/26 13:50	02/06/26 19:36	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		02/03/26 13:50	02/06/26 19:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	02/03/26 13:50	02/06/26 19:36	1
1,4-Difluorobenzene (Surr)	74		70 - 130	02/03/26 13:50	02/06/26 19:36	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			02/06/26 19:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3	mg/Kg			02/05/26 16:31	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	<50.3	U	50.3	mg/Kg		02/02/26 11:23	02/05/26 16:31	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3	mg/Kg		02/02/26 11:23	02/05/26 16:31	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3	mg/Kg		02/02/26 11:23	02/05/26 16:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	02/02/26 11:23	02/05/26 16:31	1
o-Terphenyl	114		70 - 130	02/02/26 11:23	02/05/26 16:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96	mg/Kg			02/03/26 14:11	1

Surrogate Summary

Client: Ensolum
Project/Site: PLU 423 BATTERY

Job ID: 890-9429-1
SDG: 03C1558813

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)
890-9429-1	SS 01	95	69 S1-
890-9429-1 MS	SS 01	106	95
890-9429-1 MSD	SS 01	107	92
890-9429-2	SS 02	145 S1+	114
890-9429-3	SS 03	125	111
890-9429-4	SS 04	71	73
890-9429-5	SS 05	383 S1+	94
890-9429-6	SS 06	108	103
890-9429-7	SS 07	140 S1+	105
890-9429-8	SS 08	126	113
890-9429-9	SS 09	130	74
890-9450-A-1-C MS	Matrix Spike	98	106
890-9450-A-1-D MSD	Matrix Spike Duplicate	99	108
LCS 880-130685/1-A	Lab Control Sample	106	91
LCS 880-130949/1-A	Lab Control Sample	104	114
LCSD 880-130685/2-A	Lab Control Sample Dup	109	94
LCSD 880-130949/2-A	Lab Control Sample Dup	102	110
MB 880-130685/5-A	Method Blank	157 S1+	90
MB 880-130949/5-A	Method Blank	98	109

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)
890-9416-A-27-C MS	Matrix Spike	115	108
890-9416-A-27-D MSD	Matrix Spike Duplicate	116	109
890-9429-1	SS 01	105	119
890-9429-2	SS 02	248 S1+	329 S1+
890-9429-3	SS 03	255 S1+	338 S1+
890-9429-4	SS 04	107	125
890-9429-5	SS 05	105	116
890-9429-6	SS 06	100	109
890-9429-7	SS 07	96	108
890-9429-8	SS 08	95	104
890-9429-9	SS 09	111	114
890-9429-9 MS	SS 09	131 S1+	117
890-9429-9 MSD	SS 09	130	116
LCS 880-130535/2-A	Lab Control Sample	114	106
LCS 880-130536/2-A	Lab Control Sample	110	103
LCSD 880-130535/3-A	Lab Control Sample Dup	106	99
LCSD 880-130536/3-A	Lab Control Sample Dup	105	101
MB 880-130535/1-A	Method Blank	88	93
MB 880-130536/1-A	Method Blank	107	104

Surrogate Legend

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Surrogate Summary

Client: Ensolum
Project/Site: PLU 423 BATTERY
1CO = 1-Chlorooctane
OTPH = o-Terphenyl

Job ID: 890-9429-1
SDG: 03C1558813

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

QC Sample Results

Client: Ensolum
Project/Site: PLU 423 BATTERY

Job ID: 890-9429-1
SDG: 03C1558813

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-130685/5-A
Matrix: Solid
Analysis Batch: 131028

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 130685

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/03/26 13:50	02/06/26 12:09	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/03/26 13:50	02/06/26 12:09	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/03/26 13:50	02/06/26 12:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		02/03/26 13:50	02/06/26 12:09	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/03/26 13:50	02/06/26 12:09	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/03/26 13:50	02/06/26 12:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	157	S1+	70 - 130	02/03/26 13:50	02/06/26 12:09	1
1,4-Difluorobenzene (Surr)	90		70 - 130	02/03/26 13:50	02/06/26 12:09	1

Lab Sample ID: LCS 880-130685/1-A
Matrix: Solid
Analysis Batch: 131028

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 130685

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1033		mg/Kg		103	70 - 130
Toluene	0.100	0.1106		mg/Kg		111	70 - 130
Ethylbenzene	0.100	0.1161		mg/Kg		116	70 - 130
m-Xylene & p-Xylene	0.200	0.2493		mg/Kg		125	70 - 130
o-Xylene	0.100	0.1167		mg/Kg		117	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: LCSD 880-130685/2-A
Matrix: Solid
Analysis Batch: 131028

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 130685

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.1016		mg/Kg		102	70 - 130	13	35
m-Xylene & p-Xylene	0.200	0.2165		mg/Kg		108	70 - 130	14	35
o-Xylene	0.100	0.1052		mg/Kg		105	70 - 130	10	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 890-9429-1 MS
Matrix: Solid
Analysis Batch: 131028

Client Sample ID: SS 01
Prep Type: Total/NA
Prep Batch: 130685

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08760		mg/Kg		88	70 - 130
Toluene	<0.00200	U	0.100	0.08845		mg/Kg		88	70 - 130

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QC Sample Results

Client: Ensolum
Project/Site: PLU 423 BATTERY

Job ID: 890-9429-1
SDG: 03C1558813

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

Lab Sample ID: 890-9429-1 MS
Matrix: Solid
Analysis Batch: 131028

Client Sample ID: SS 01
Prep Type: Total/NA
Prep Batch: 130685

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U	0.100	0.08405		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1988		mg/Kg		99	70 - 130
o-Xylene	<0.00200	U	0.100	0.09282		mg/Kg		93	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 890-9429-1 MSD
Matrix: Solid
Analysis Batch: 131028

Client Sample ID: SS 01
Prep Type: Total/NA
Prep Batch: 130685

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U	0.100	0.08386		mg/Kg		84	70 - 130	4	35
Toluene	<0.00200	U	0.100	0.08597		mg/Kg		86	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.08857		mg/Kg		89	70 - 130	5	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2081		mg/Kg		104	70 - 130	5	35
o-Xylene	<0.00200	U	0.100	0.08616		mg/Kg		86	70 - 130	7	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: MB 880-130949/5-A
Matrix: Solid
Analysis Batch: 131163

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 130949

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	<0.00200	U	0.00200	mg/Kg		02/05/26 12:56	02/09/26 12:28	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/05/26 12:56	02/09/26 12:28	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/05/26 12:56	02/09/26 12:28	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		02/05/26 12:56	02/09/26 12:28	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/05/26 12:56	02/09/26 12:28	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/05/26 12:56	02/09/26 12:28	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	98		70 - 130	02/05/26 12:56	02/09/26 12:28	1
1,4-Difluorobenzene (Surr)	109		70 - 130	02/05/26 12:56	02/09/26 12:28	1

Lab Sample ID: LCS 880-130949/1-A
Matrix: Solid
Analysis Batch: 131163

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 130949

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.09341		mg/Kg		93	70 - 130
Toluene	0.100	0.08783		mg/Kg		88	70 - 130
Ethylbenzene	0.100	0.09042		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	0.200	0.1767		mg/Kg		88	70 - 130

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QC Sample Results

Client: Ensolum
Project/Site: PLU 423 BATTERY

Job ID: 890-9429-1
SDG: 03C1558813

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

Lab Sample ID: LCS 880-130949/1-A
Matrix: Solid
Analysis Batch: 131163

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 130949

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.08444		mg/Kg		84	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: LCSD 880-130949/2-A
Matrix: Solid
Analysis Batch: 131163

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 130949

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1034		mg/Kg		103	70 - 130	10	35
Toluene	0.100	0.09553		mg/Kg		96	70 - 130	8	35
Ethylbenzene	0.100	0.09971		mg/Kg		100	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.1933		mg/Kg		97	70 - 130	9	35
o-Xylene	0.100	0.09416		mg/Kg		94	70 - 130	11	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 890-9450-A-1-C MS
Matrix: Solid
Analysis Batch: 131163

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 130949

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09990		mg/Kg		100	70 - 130
Toluene	<0.00200	U	0.100	0.1084		mg/Kg		108	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1112		mg/Kg		111	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2244		mg/Kg		112	70 - 130
o-Xylene	<0.00200	U	0.100	0.1006		mg/Kg		101	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 890-9450-A-1-D MSD
Matrix: Solid
Analysis Batch: 131163

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 130949

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.09038		mg/Kg		90	70 - 130	10	35
Toluene	<0.00200	U	0.100	0.08080		mg/Kg		81	70 - 130	29	35
Ethylbenzene	<0.00200	U	0.100	0.08867		mg/Kg		89	70 - 130	23	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1739		mg/Kg		87	70 - 130	25	35
o-Xylene	<0.00200	U	0.100	0.08067		mg/Kg		81	70 - 130	22	35

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QC Sample Results

Client: Ensolum
Project/Site: PLU 423 BATTERY

Job ID: 890-9429-1
SDG: 03C1558813

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

Lab Sample ID: 890-9450-A-1-D MSD
Matrix: Solid
Analysis Batch: 131163

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 130949

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

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

Lab Sample ID: MB 880-130535/1-A
Matrix: Solid
Analysis Batch: 130909

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 130535

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		02/02/26 11:19	02/05/26 15:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/02/26 11:19	02/05/26 15:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/02/26 11:19	02/05/26 15:49	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	88		70 - 130	02/02/26 11:19	02/05/26 15:49	1
o-Terphenyl	93		70 - 130	02/02/26 11:19	02/05/26 15:49	1

Lab Sample ID: LCS 880-130535/2-A
Matrix: Solid
Analysis Batch: 130909

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 130535

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	929.4		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	1000	863.6		mg/Kg		86	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	114		70 - 130
o-Terphenyl	106		70 - 130

Lab Sample ID: LCSD 880-130535/3-A
Matrix: Solid
Analysis Batch: 130909

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 130535

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	964.3		mg/Kg		96	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	879.2		mg/Kg		88	70 - 130	2	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	106		70 - 130
o-Terphenyl	99		70 - 130

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QC Sample Results

Client: Ensolum
Project/Site: PLU 423 BATTERY

Job ID: 890-9429-1
SDG: 03C1558813

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

Lab Sample ID: 890-9416-A-27-C MS
Matrix: Solid
Analysis Batch: 130909

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 130535

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier	Added	Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	997	969.7		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U	997	887.4		mg/Kg		89	70 - 130
Surrogate	MS	MS							
	%Recovery	Qualifier	Limits						
1-Chlorooctane	115		70 - 130						
o-Terphenyl	108		70 - 130						

Lab Sample ID: 890-9416-A-27-D MSD
Matrix: Solid
Analysis Batch: 130909

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 130535

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	997	968.6		mg/Kg		97	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.1	U	997	891.9		mg/Kg		89	70 - 130	1	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	116		70 - 130								
o-Terphenyl	109		70 - 130								

Lab Sample ID: MB 880-130536/1-A
Matrix: Solid
Analysis Batch: 130911

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 130536

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		02/02/26 11:22	02/05/26 15:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/02/26 11:22	02/05/26 15:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/02/26 11:22	02/05/26 15:35	1
Surrogate	MB	MB	Limits			Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier						
1-Chlorooctane	107		70 - 130			02/02/26 11:22	02/05/26 15:35	1
o-Terphenyl	104		70 - 130			02/02/26 11:22	02/05/26 15:35	1

Lab Sample ID: LCS 880-130536/2-A
Matrix: Solid
Analysis Batch: 130911

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 130536

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	918.6		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1057		mg/Kg		106	70 - 130

QC Sample Results

Client: Ensolum
Project/Site: PLU 423 BATTERY

Job ID: 890-9429-1
SDG: 03C1558813

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

Lab Sample ID: LCS 880-130536/2-A
Matrix: Solid
Analysis Batch: 130911

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 130536

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	110		70 - 130
o-Terphenyl	103		70 - 130

Lab Sample ID: LCSD 880-130536/3-A
Matrix: Solid
Analysis Batch: 130911

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 130536

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	915.9		mg/Kg		92	70 - 130	0		20
Diesel Range Organics (Over C10-C28)	1000	1080		mg/Kg		108	70 - 130	2		20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	105		70 - 130
o-Terphenyl	101		70 - 130

Lab Sample ID: 890-9429-9 MS
Matrix: Solid
Analysis Batch: 130911

Client Sample ID: SS 09
Prep Type: Total/NA
Prep Batch: 130536

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	997	1002		mg/Kg		101	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.3	U	997	1156		mg/Kg		116	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	131	S1+	70 - 130
o-Terphenyl	117		70 - 130

Lab Sample ID: 890-9429-9 MSD
Matrix: Solid
Analysis Batch: 130911

Client Sample ID: SS 09
Prep Type: Total/NA
Prep Batch: 130536

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	997	977.1		mg/Kg		98	70 - 130	3		20
Diesel Range Organics (Over C10-C28)	<50.3	U	997	1122		mg/Kg		113	70 - 130	3		20

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	130		70 - 130
o-Terphenyl	116		70 - 130

QC Sample Results

Client: Ensolum
Project/Site: PLU 423 BATTERY

Job ID: 890-9429-1
SDG: 03C1558813

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-130574/1-A
Matrix: Solid
Analysis Batch: 130629

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			02/03/26 12:28	1

Lab Sample ID: LCS 880-130574/2-A
Matrix: Solid
Analysis Batch: 130629

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	257.0		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-130574/3-A
Matrix: Solid
Analysis Batch: 130629

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	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-9429-1 MS
Matrix: Solid
Analysis Batch: 130629

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	1100	F1	1250	2794	F1	mg/Kg		136	90 - 110

Lab Sample ID: 890-9429-1 MSD
Matrix: Solid
Analysis Batch: 130629

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	1100	F1	1250	2802	F1	mg/Kg		137	90 - 110	0	20

QC Association Summary

Client: Ensolum
 Project/Site: PLU 423 BATTERY

Job ID: 890-9429-1
 SDG: 03C1558813

GC VOA

Prep Batch: 130685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9429-1	SS 01	Total/NA	Solid	5035	
890-9429-4	SS 04	Total/NA	Solid	5035	
890-9429-5	SS 05	Total/NA	Solid	5035	
890-9429-6	SS 06	Total/NA	Solid	5035	
890-9429-7	SS 07	Total/NA	Solid	5035	
890-9429-8	SS 08	Total/NA	Solid	5035	
890-9429-9	SS 09	Total/NA	Solid	5035	
MB 880-130685/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-130685/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-130685/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9429-1 MS	SS 01	Total/NA	Solid	5035	
890-9429-1 MSD	SS 01	Total/NA	Solid	5035	

Prep Batch: 130949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9429-2	SS 02	Total/NA	Solid	5035	
890-9429-3	SS 03	Total/NA	Solid	5035	
MB 880-130949/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-130949/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-130949/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9450-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-9450-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 131028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9429-1	SS 01	Total/NA	Solid	8021B	130685
890-9429-4	SS 04	Total/NA	Solid	8021B	130685
890-9429-5	SS 05	Total/NA	Solid	8021B	130685
890-9429-6	SS 06	Total/NA	Solid	8021B	130685
890-9429-7	SS 07	Total/NA	Solid	8021B	130685
890-9429-8	SS 08	Total/NA	Solid	8021B	130685
890-9429-9	SS 09	Total/NA	Solid	8021B	130685
MB 880-130685/5-A	Method Blank	Total/NA	Solid	8021B	130685
LCS 880-130685/1-A	Lab Control Sample	Total/NA	Solid	8021B	130685
LCSD 880-130685/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	130685
890-9429-1 MS	SS 01	Total/NA	Solid	8021B	130685
890-9429-1 MSD	SS 01	Total/NA	Solid	8021B	130685

Analysis Batch: 131118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9429-1	SS 01	Total/NA	Solid	Total BTEX	
890-9429-2	SS 02	Total/NA	Solid	Total BTEX	
890-9429-3	SS 03	Total/NA	Solid	Total BTEX	
890-9429-4	SS 04	Total/NA	Solid	Total BTEX	
890-9429-5	SS 05	Total/NA	Solid	Total BTEX	
890-9429-6	SS 06	Total/NA	Solid	Total BTEX	
890-9429-7	SS 07	Total/NA	Solid	Total BTEX	
890-9429-8	SS 08	Total/NA	Solid	Total BTEX	
890-9429-9	SS 09	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Ensolum
 Project/Site: PLU 423 BATTERY

Job ID: 890-9429-1
 SDG: 03C1558813

GC VOA

Analysis Batch: 131163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9429-2	SS 02	Total/NA	Solid	8021B	130949
890-9429-3	SS 03	Total/NA	Solid	8021B	130949
MB 880-130949/5-A	Method Blank	Total/NA	Solid	8021B	130949
LCS 880-130949/1-A	Lab Control Sample	Total/NA	Solid	8021B	130949
LCSD 880-130949/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	130949
890-9450-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	130949
890-9450-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	130949

GC Semi VOA

Prep Batch: 130535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9429-1	SS 01	Total/NA	Solid	8015NM Prep	
890-9429-2	SS 02	Total/NA	Solid	8015NM Prep	
890-9429-3	SS 03	Total/NA	Solid	8015NM Prep	
890-9429-4	SS 04	Total/NA	Solid	8015NM Prep	
890-9429-5	SS 05	Total/NA	Solid	8015NM Prep	
890-9429-6	SS 06	Total/NA	Solid	8015NM Prep	
890-9429-7	SS 07	Total/NA	Solid	8015NM Prep	
890-9429-8	SS 08	Total/NA	Solid	8015NM Prep	
MB 880-130535/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-130535/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-130535/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9416-A-27-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9416-A-27-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 130536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9429-9	SS 09	Total/NA	Solid	8015NM Prep	
MB 880-130536/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-130536/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-130536/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9429-9 MS	SS 09	Total/NA	Solid	8015NM Prep	
890-9429-9 MSD	SS 09	Total/NA	Solid	8015NM Prep	

Analysis Batch: 130909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9429-1	SS 01	Total/NA	Solid	8015B NM	130535
890-9429-2	SS 02	Total/NA	Solid	8015B NM	130535
890-9429-3	SS 03	Total/NA	Solid	8015B NM	130535
890-9429-4	SS 04	Total/NA	Solid	8015B NM	130535
890-9429-5	SS 05	Total/NA	Solid	8015B NM	130535
890-9429-6	SS 06	Total/NA	Solid	8015B NM	130535
890-9429-7	SS 07	Total/NA	Solid	8015B NM	130535
890-9429-8	SS 08	Total/NA	Solid	8015B NM	130535
MB 880-130535/1-A	Method Blank	Total/NA	Solid	8015B NM	130535
LCS 880-130535/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	130535
LCSD 880-130535/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	130535
890-9416-A-27-C MS	Matrix Spike	Total/NA	Solid	8015B NM	130535
890-9416-A-27-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	130535

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QC Association Summary

Client: Ensolum
 Project/Site: PLU 423 BATTERY

Job ID: 890-9429-1
 SDG: 03C1558813

GC Semi VOA

Analysis Batch: 130911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9429-9	SS 09	Total/NA	Solid	8015B NM	130536
MB 880-130536/1-A	Method Blank	Total/NA	Solid	8015B NM	130536
LCS 880-130536/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	130536
LCSD 880-130536/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	130536
890-9429-9 MS	SS 09	Total/NA	Solid	8015B NM	130536
890-9429-9 MSD	SS 09	Total/NA	Solid	8015B NM	130536

Analysis Batch: 131054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9429-1	SS 01	Total/NA	Solid	8015 NM	
890-9429-2	SS 02	Total/NA	Solid	8015 NM	
890-9429-3	SS 03	Total/NA	Solid	8015 NM	
890-9429-4	SS 04	Total/NA	Solid	8015 NM	
890-9429-5	SS 05	Total/NA	Solid	8015 NM	
890-9429-6	SS 06	Total/NA	Solid	8015 NM	
890-9429-7	SS 07	Total/NA	Solid	8015 NM	
890-9429-8	SS 08	Total/NA	Solid	8015 NM	
890-9429-9	SS 09	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 130574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9429-1	SS 01	Soluble	Solid	DI Leach	
890-9429-2	SS 02	Soluble	Solid	DI Leach	
890-9429-3	SS 03	Soluble	Solid	DI Leach	
890-9429-4	SS 04	Soluble	Solid	DI Leach	
890-9429-5	SS 05	Soluble	Solid	DI Leach	
890-9429-6	SS 06	Soluble	Solid	DI Leach	
890-9429-7	SS 07	Soluble	Solid	DI Leach	
890-9429-8	SS 08	Soluble	Solid	DI Leach	
890-9429-9	SS 09	Soluble	Solid	DI Leach	
MB 880-130574/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-130574/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-130574/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9429-1 MS	SS 01	Soluble	Solid	DI Leach	
890-9429-1 MSD	SS 01	Soluble	Solid	DI Leach	

Analysis Batch: 130629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9429-1	SS 01	Soluble	Solid	300.0	130574
890-9429-2	SS 02	Soluble	Solid	300.0	130574
890-9429-3	SS 03	Soluble	Solid	300.0	130574
890-9429-4	SS 04	Soluble	Solid	300.0	130574
890-9429-5	SS 05	Soluble	Solid	300.0	130574
890-9429-6	SS 06	Soluble	Solid	300.0	130574
890-9429-7	SS 07	Soluble	Solid	300.0	130574
890-9429-8	SS 08	Soluble	Solid	300.0	130574
890-9429-9	SS 09	Soluble	Solid	300.0	130574
MB 880-130574/1-A	Method Blank	Soluble	Solid	300.0	130574
LCS 880-130574/2-A	Lab Control Sample	Soluble	Solid	300.0	130574

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QC Association Summary

Client: Ensolum
Project/Site: PLU 423 BATTERY

Job ID: 890-9429-1
SDG: 03C1558813

HPLC/IC (Continued)

Analysis Batch: 130629 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-130574/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	130574
890-9429-1 MS	SS 01	Soluble	Solid	300.0	130574
890-9429-1 MSD	SS 01	Soluble	Solid	300.0	130574

- 1
- 2
- 3
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- 9
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- 12
- 13
- 14

Lab Chronicle

Client: Ensolum
Project/Site: PLU 423 BATTERY

Job ID: 890-9429-1
SDG: 03C1558813

Client Sample ID: SS 01

Lab Sample ID: 890-9429-1

Date Collected: 01/30/26 09:48

Matrix: Solid

Date Received: 01/30/26 14:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130685	02/03/26 13:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131028	02/06/26 12:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131118	02/06/26 12:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			131054	02/05/26 20:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	130535	02/02/26 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130909	02/05/26 20:21	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	130574	02/02/26 13:47	SA	EET MID
Soluble	Analysis	300.0		5			130629	02/03/26 12:48	SMC	EET MID

Client Sample ID: SS 02

Lab Sample ID: 890-9429-2

Date Collected: 01/30/26 09:50

Matrix: Solid

Date Received: 01/30/26 14:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130949	02/09/26 12:56	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	131163	02/09/26 20:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131118	02/09/26 20:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			131054	02/05/26 20:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130535	02/02/26 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		10	1 uL	1 uL	130909	02/05/26 20:34	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130574	02/02/26 13:47	SA	EET MID
Soluble	Analysis	300.0		1			130629	02/03/26 13:09	SMC	EET MID

Client Sample ID: SS 03

Lab Sample ID: 890-9429-3

Date Collected: 01/30/26 09:52

Matrix: Solid

Date Received: 01/30/26 14:18

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	130949	02/09/26 12:56	MNR	EET MID
Total/NA	Analysis	8021B		250	5 mL	5 mL	131163	02/09/26 20:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131118	02/09/26 20:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			131054	02/05/26 20:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130535	02/02/26 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		10	1 uL	1 uL	130909	02/05/26 20:48	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	130574	02/02/26 13:47	SA	EET MID
Soluble	Analysis	300.0		1			130629	02/03/26 13:16	SMC	EET MID

Client Sample ID: SS 04

Lab Sample ID: 890-9429-4

Date Collected: 01/30/26 09:58

Matrix: Solid

Date Received: 01/30/26 14:18

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	130685	02/03/26 13:50	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	131028	02/06/26 19:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131118	02/06/26 19:56	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
 Project/Site: PLU 423 BATTERY

Job ID: 890-9429-1
 SDG: 03C1558813

Client Sample ID: SS 04

Lab Sample ID: 890-9429-4

Date Collected: 01/30/26 09:58

Matrix: Solid

Date Received: 01/30/26 14:18

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			131054	02/05/26 21:02	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	130535	02/02/26 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130909	02/05/26 21:02	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	130574	02/02/26 13:47	SA	EET MID
Soluble	Analysis	300.0		1			130629	02/03/26 13:23	SMC	EET MID

Client Sample ID: SS 05

Lab Sample ID: 890-9429-5

Date Collected: 01/30/26 09:56

Matrix: Solid

Date Received: 01/30/26 14:18

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	130685	02/03/26 13:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131028	02/06/26 13:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131118	02/06/26 13:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			131054	02/05/26 21:16	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	130535	02/02/26 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130909	02/05/26 21:16	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	130574	02/02/26 13:47	SA	EET MID
Soluble	Analysis	300.0		1			130629	02/03/26 13:30	SMC	EET MID

Client Sample ID: SS 06

Lab Sample ID: 890-9429-6

Date Collected: 01/30/26 10:56

Matrix: Solid

Date Received: 01/30/26 14:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130685	02/03/26 13:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131028	02/06/26 18:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131118	02/06/26 18:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			131054	02/05/26 21:30	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	130535	02/02/26 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130909	02/05/26 21:30	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130574	02/02/26 13:47	SA	EET MID
Soluble	Analysis	300.0		1			130629	02/03/26 13:50	SMC	EET MID

Client Sample ID: SS 07

Lab Sample ID: 890-9429-7

Date Collected: 01/30/26 10:03

Matrix: Solid

Date Received: 01/30/26 14:18

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	130685	02/03/26 13:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131028	02/06/26 18:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131118	02/06/26 18:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			131054	02/05/26 21:44	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	130535	02/02/26 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130909	02/05/26 21:44	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
Project/Site: PLU 423 BATTERY

Job ID: 890-9429-1
SDG: 03C1558813

Client Sample ID: SS 07

Lab Sample ID: 890-9429-7

Date Collected: 01/30/26 10:03

Matrix: Solid

Date Received: 01/30/26 14:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	130574	02/02/26 13:47	SA	EET MID
Soluble	Analysis	300.0		5			130629	02/03/26 13:57	SMC	EET MID

Client Sample ID: SS 08

Lab Sample ID: 890-9429-8

Date Collected: 01/30/26 09:52

Matrix: Solid

Date Received: 01/30/26 14:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130685	02/03/26 13:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131028	02/06/26 19:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131118	02/06/26 19:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			131054	02/05/26 21:59	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	130535	02/02/26 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130909	02/05/26 21:59	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	130574	02/02/26 13:47	SA	EET MID
Soluble	Analysis	300.0		1			130629	02/03/26 14:04	SMC	EET MID

Client Sample ID: SS 09

Lab Sample ID: 890-9429-9

Date Collected: 01/30/26 09:59

Matrix: Solid

Date Received: 01/30/26 14:18

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	130685	02/03/26 13:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131028	02/06/26 19:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131118	02/06/26 19:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			131054	02/05/26 16:31	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	130536	02/02/26 11:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130911	02/05/26 16:31	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	130574	02/02/26 13:47	SA	EET MID
Soluble	Analysis	300.0		1			130629	02/03/26 14:11	SMC	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 423 BATTERY

Job ID: 890-9429-1
SDG: 03C1558813

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 423 BATTERY

Job ID: 890-9429-1
SDG: 03C1558813

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 423 BATTERY

Job ID: 890-9429-1
SDG: 03C1558813

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9429-1	SS 01	Solid	01/30/26 09:48	01/30/26 14:18	New Mexico
890-9429-2	SS 02	Solid	01/30/26 09:50	01/30/26 14:18	New Mexico
890-9429-3	SS 03	Solid	01/30/26 09:52	01/30/26 14:18	New Mexico
890-9429-4	SS 04	Solid	01/30/26 09:58	01/30/26 14:18	New Mexico
890-9429-5	SS 05	Solid	01/30/26 09:56	01/30/26 14:18	New Mexico
890-9429-6	SS 06	Solid	01/30/26 10:56	01/30/26 14:18	New Mexico
890-9429-7	SS 07	Solid	01/30/26 10:03	01/30/26 14:18	New Mexico
890-9429-8	SS 08	Solid	01/30/26 09:52	01/30/26 14:18	New Mexico
890-9429-9	SS 09	Solid	01/30/26 09:59	01/30/26 14:18	New Mexico

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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) 988-3199

Environment Testing
 Xenco


Work Order No: _____

www.xenco.com Page _____ of _____

Project Manager:	Chris Wright	Bill to: (if different)	Dale Woodall
Company Name:	Ensolum	Company Name:	XTO Energy, Inc
Address:	3122 National Parks Hwy	Address:	3104 E Greene St
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbad, NM 88220
Phone:	970-210-9803	Email:	richard.totaur@xencomobility.com / jharrison@ensolum.com

Program:	UST/PST <input type="checkbox"/> RP <input type="checkbox"/> Ironfields <input type="checkbox"/> RC <input type="checkbox"/> perfund <input type="checkbox"/>
State of Project:	Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: _____

Project Name:	PLU 423 Battery	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush
Project Number:	03C1558813	Due Date:	TAT starts the day received by the lab, if received by 4:30pm
Project Location:	32.113185, -103.915297	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Wet Ice: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Sampler's Name:	Jacob Harrison	Thermometer ID:	T1007
PO #:		Correction Factor:	-0.2
SAMPLE RECEIPT		Temperature Reading:	3.2
Samples Received Intact:		Corrected Temperature:	3.0
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Total Containers:			

ANALYSIS REQUEST		Pres. Code	
890-9429 Chain of Custody		Parameters	
		TFH (8015M/D)	
		Chloride (300)	
		BTEX (6021B)	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Pres. Code	Sample Comments
SS01	↓	1/30/26	9:48	Surf	Grab	1		Incident ID: nAPP2601551224
SS02	↓		9:50					CC: 1081221001
SS03	↓		9:52					GFCM: 48605000
SS04	↓		9:58					
SS05	↓		9:56					
SS06	↓		10:56					
SS07	↓		10:07					
SS08	↓		9:52					
SS09	↓		9:59					

Total 200.7 / 6010 200.8 / 6020: 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
 Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag 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 \$85.00 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)	Date/Time	Relinquished by: (Signature)	Date/Time
<i>JW</i>		<i>ASuma</i>	1-30 1/18
			4
			6

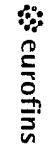


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Eurofins Carlsbad

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)		Sampler	N/A	Lab PM	Kramer, Jessica	COC No:	890-6427-1
Client Contact:		Phone:	N/A	E-Mail:	Jessica.Kramer@et.eurofins.com	State of Origin:	New Mexico
Shipping/Receiving		Company:	N/A	Accreditations Required (See note):	NELAP - Texas	Page:	Page 1 of 1
Address:		Company:	Eurofins Environment Testing South Cent			Job #:	890-9429-1
1211 W Florida Ave,		Due Date Requested	2/5/2026			Preservation Codes:	
City:		TAT Requested (days):	N/A	Analysis Requested			
Midland							
State, Zip:							
TX, 79701							
Phone:		PO #:	N/A				
432-704-5440(Tel)		W/O #:	N/A				
Email:		Project #:	89000110				
N/A		SSOW#:	N/A				
Project Name:		Site:	N/A				
PLU 423 BATTERY							
Sample Identification - Client ID (Lab ID)							
SS 01 (890-9429-1)	1/30/26	09:48	Mountain	G	Solid	X	X
SS 02 (890-9429-2)	1/30/26	09:50	Mountain	G	Solid	X	X
SS 03 (890-9429-3)	1/30/26	09:52	Mountain	G	Solid	X	X
SS 04 (890-9429-4)	1/30/26	09:58	Mountain	G	Solid	X	X
SS 05 (890-9429-5)	1/30/26	09:56	Mountain	G	Solid	X	X
SS 06 (890-9429-6)	1/30/26	10:56	Mountain	G	Solid	X	X
SS 07 (890-9429-7)	1/30/26	10:03	Mountain	G	Solid	X	X
SS 08 (890-9429-8)	1/30/26	09:52	Mountain	G	Solid	X	X
SS 09 (890-9429-9)	1/30/26	09:59	Mountain	G	Solid	X	X
<p>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/assessments being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central LLC laboratory or other instructions 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.</p>							
Possible Hazard Identification							
Unconfirmed							
Deliverable Requested I, II, III, IV, Other (Specify)		Primary Deliverable Rank: 2					
Empty Kit/Retrified by:		Date:					
Retrified by: <i>[Signature]</i>		Date/Time: 1:30	Company:	Received by: <i>[Signature]</i>	Date/Time: 2:26	Company:	1700
Retrified by:		Date/Time:	Company:	Received by:	Date/Time:	Company:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:			
<p>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</p> <p><input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months</p>							
Special Instructions/Note:							

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9429-1

SDG Number: 03C1558813

Login Number: 9429

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.	N/A	Refer to Job Narrative for details.
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: 890-9429-1

SDG Number: 03C1558813

Login Number: 9429

List Source: Eurofins Midland

List Number: 2

List Creation: 02/02/26 09:06 AM

Creator: Laing, Edmundo

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: Jeremy Reich
 Ensolum
 601 N. Marienfeld St.
 Suite 400
 Midland, Texas 79701
 Generated 2/24/2026 8:48:12 PM

JOB DESCRIPTION

PLU 423
 03C1558813

JOB NUMBER

890-9506-1

Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad NM 88220



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
2/24/2026 8:48:12 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 423

Laboratory Job ID: 890-9506-1
SDG: 03C1558813

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Definitions/Glossary

Client: Ensolum
Project/Site: PLU 423

Job ID: 890-9506-1
SDG: 03C1558813

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Ensolum
Project: PLU 423

Job ID: 890-9506-1

Job ID: 890-9506-1

Eurofins Carlsbad

Job Narrative 890-9506-1

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 2/13/2026 10:00 AM. 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 -1.6°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: BH 01 (890-9506-1), BH 01A (890-9506-2), BH 02 (890-9506-3), BH 02A (890-9506-4), BH 03 (890-9506-5), BH 03A (890-9506-6), BH 04 (890-9506-7) and BH 04A (890-9506-8).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-132526 and analytical batch 880-132660 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: BH 03 (890-9506-5), (CCV 880-132658/2), (CCV 880-132658/20), (LCS 880-132684/1-A), (LCSD 880-132684/2-A), (880-68474-A-1-E), (880-68474-A-1-C MS) and (880-68474-A-1-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-132684 and analytical batch 880-132658 was outside the upper control limits.

Method 8021B: The laboratory control sample duplicate (LCSD) for preparation batch 880-132684 and analytical batch 880-132658 recovered outside control limits for the following analytes: o-Xylene. Since only an acceptable LCS is required per the method, the data has been qualified and reported.

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-132684 and analytical batch 880-132658 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: BH 03A (890-9506-6). Elevated reporting limits (RLs) are provided.

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 surrogate recovery for the blank associated with preparation batch 880-131850 and analytical batch 880-132322 was outside the upper control limits.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: BH 03 (890-9506-5) and BH 03A (890-9506-6). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Eurofins Carlsbad

Case Narrative

Client: Ensolum
Project: PLU 423

Job ID: 890-9506-1

Job ID: 890-9506-1 (Continued)

Eurofins Carlsbad

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-131765 and analytical batch 880-132102 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

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Eurofins Carlsbad

Client Sample Results

Client: Ensolum
Project/Site: PLU 423

Job ID: 890-9506-1
SDG: 03C1558813

Client Sample ID: BH 01
Date Collected: 02/12/26 10:25
Date Received: 02/13/26 10:00
Sample Depth: 1

Lab Sample ID: 890-9506-1
Matrix: Solid

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		02/20/26 11:38	02/23/26 18:04	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/20/26 11:38	02/23/26 18:04	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/20/26 11:38	02/23/26 18:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		02/20/26 11:38	02/23/26 18:04	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/20/26 11:38	02/23/26 18:04	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		02/20/26 11:38	02/23/26 18:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130			02/20/26 11:38	02/23/26 18:04	1
1,4-Difluorobenzene (Surr)	105		70 - 130			02/20/26 11:38	02/23/26 18:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			02/23/26 18:04	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			02/20/26 00:02	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		02/15/26 19:10	02/20/26 00:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/15/26 19:10	02/20/26 00:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/15/26 19:10	02/20/26 00:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130			02/15/26 19:10	02/20/26 00:02	1
o-Terphenyl	99		70 - 130			02/15/26 19:10	02/20/26 00:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3820		101	mg/Kg			02/17/26 21:52	10

Client Sample ID: BH 01A
Date Collected: 02/12/26 11:18
Date Received: 02/13/26 10:00
Sample Depth: 3

Lab Sample ID: 890-9506-2
Matrix: Solid

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		02/20/26 11:38	02/23/26 18:25	1
Toluene	<0.00201	U	0.00201	mg/Kg		02/20/26 11:38	02/23/26 18:25	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		02/20/26 11:38	02/23/26 18:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		02/20/26 11:38	02/23/26 18:25	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		02/20/26 11:38	02/23/26 18:25	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		02/20/26 11:38	02/23/26 18:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130			02/20/26 11:38	02/23/26 18:25	1

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Client Sample Results

Client: Ensolum
Project/Site: PLU 423

Job ID: 890-9506-1
SDG: 03C1558813

Client Sample ID: BH 01A

Lab Sample ID: 890-9506-2

Date Collected: 02/12/26 11:18

Matrix: Solid

Date Received: 02/13/26 10:00

Sample Depth: 3

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	99		70 - 130	02/20/26 11:38	02/23/26 18:25	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			02/23/26 18:25	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			02/20/26 00:16	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		02/15/26 19:10	02/20/26 00:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		02/15/26 19:10	02/20/26 00:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		02/15/26 19:10	02/20/26 00:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	02/15/26 19:10	02/20/26 00:16	1
o-Terphenyl	82		70 - 130	02/15/26 19:10	02/20/26 00:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3280	F1	100	mg/Kg			02/17/26 21:59	10

Client Sample ID: BH 02

Lab Sample ID: 890-9506-3

Date Collected: 02/12/26 12:20

Matrix: Solid

Date Received: 02/13/26 10:00

Sample Depth: 0.5

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		02/20/26 11:38	02/23/26 18:45	1
Toluene	<0.00202	U	0.00202	mg/Kg		02/20/26 11:38	02/23/26 18:45	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		02/20/26 11:38	02/23/26 18:45	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		02/20/26 11:38	02/23/26 18:45	1
o-Xylene	0.00228		0.00202	mg/Kg		02/20/26 11:38	02/23/26 18:45	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		02/20/26 11:38	02/23/26 18:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	02/20/26 11:38	02/23/26 18:45	1
1,4-Difluorobenzene (Surr)	96		70 - 130	02/20/26 11:38	02/23/26 18:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			02/23/26 18:45	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	884		50.0	mg/Kg			02/20/26 00:30	1

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Client Sample Results

Client: Ensolum
Project/Site: PLU 423

Job ID: 890-9506-1
SDG: 03C1558813

Client Sample ID: BH 02

Lab Sample ID: 890-9506-3

Date Collected: 02/12/26 12:20

Matrix: Solid

Date Received: 02/13/26 10:00

Sample Depth: 0.5

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		02/15/26 19:10	02/20/26 00:30	1
Diesel Range Organics (Over C10-C28)	757		50.0	mg/Kg		02/15/26 19:10	02/20/26 00:30	1
Oil Range Organics (Over C28-C36)	127		50.0	mg/Kg		02/15/26 19:10	02/20/26 00:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130			02/15/26 19:10	02/20/26 00:30	1
o-Terphenyl	100		70 - 130			02/15/26 19:10	02/20/26 00:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	106		9.92	mg/Kg			02/17/26 22:19	1

Client Sample ID: BH 02A

Lab Sample ID: 890-9506-4

Date Collected: 02/12/26 12:12

Matrix: Solid

Date Received: 02/13/26 10:00

Sample Depth: 1

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		02/20/26 11:38	02/23/26 19:06	1
Toluene	<0.00199	U	0.00199	mg/Kg		02/20/26 11:38	02/23/26 19:06	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		02/20/26 11:38	02/23/26 19:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		02/20/26 11:38	02/23/26 19:06	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		02/20/26 11:38	02/23/26 19:06	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		02/20/26 11:38	02/23/26 19:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130			02/20/26 11:38	02/23/26 19:06	1
1,4-Difluorobenzene (Surr)	99		70 - 130			02/20/26 11:38	02/23/26 19:06	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			02/23/26 19:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1	mg/Kg			02/20/26 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	<50.1	U	50.1	mg/Kg		02/15/26 19:10	02/20/26 00:44	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		02/15/26 19:10	02/20/26 00:44	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		02/15/26 19:10	02/20/26 00:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130			02/15/26 19:10	02/20/26 00:44	1
o-Terphenyl	104		70 - 130			02/15/26 19:10	02/20/26 00:44	1

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Client Sample Results

Client: Ensolum
Project/Site: PLU 423

Job ID: 890-9506-1
SDG: 03C1558813

Client Sample ID: BH 02A

Lab Sample ID: 890-9506-4

Date Collected: 02/12/26 12:12
Date Received: 02/13/26 10:00
Sample Depth: 1

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.2		10.1	mg/Kg			02/17/26 22:26	1

Client Sample ID: BH 03

Lab Sample ID: 890-9506-5

Date Collected: 02/12/26 12:46
Date Received: 02/13/26 10:00
Sample Depth: 1

Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	17.9		0.990	mg/Kg		02/23/26 10:18	02/23/26 16:01	500
Toluene	138		0.990	mg/Kg		02/23/26 10:18	02/23/26 16:01	500
Ethylbenzene	34.2		0.990	mg/Kg		02/23/26 10:18	02/23/26 16:01	500
m-Xylene & p-Xylene	109		1.98	mg/Kg		02/23/26 10:18	02/23/26 16:01	500
o-Xylene	88.3	*+	0.990	mg/Kg		02/23/26 10:18	02/23/26 16:01	500
Xylenes, Total	197		1.98	mg/Kg		02/23/26 10:18	02/23/26 16:01	500
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	284	S1+	70 - 130			02/23/26 10:18	02/23/26 16:01	500
1,4-Difluorobenzene (Surr)	73		70 - 130			02/23/26 10:18	02/23/26 16:01	500

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	387		1.98	mg/Kg			02/23/26 16:01	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	7350		50.0	mg/Kg			02/19/26 11:30	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	2800		50.0	mg/Kg		02/15/26 19:13	02/19/26 11:30	1
Diesel Range Organics (Over C10-C28)	4420		50.0	mg/Kg		02/15/26 19:13	02/19/26 11:30	1
Oil Range Organics (Over C28-C36)	133		50.0	mg/Kg		02/15/26 19:13	02/19/26 11:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130			02/15/26 19:13	02/19/26 11:30	1
o-Terphenyl	157	S1+	70 - 130			02/15/26 19:13	02/19/26 11:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.3		50.3	mg/Kg			02/17/26 22:46	5

Client Sample Results

Client: Ensolum
Project/Site: PLU 423

Job ID: 890-9506-1
SDG: 03C1558813

Client Sample ID: BH 03A

Lab Sample ID: 890-9506-6

Date Collected: 02/12/26 12:50

Matrix: Solid

Date Received: 02/13/26 10:00

Sample Depth: 2

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.00	U	1.00	mg/Kg		02/24/26 10:24	02/24/26 16:42	500
Toluene	1.83		1.00	mg/Kg		02/24/26 10:24	02/24/26 16:42	500
Ethylbenzene	1.78		1.00	mg/Kg		02/24/26 10:24	02/24/26 16:42	500
m-Xylene & p-Xylene	<2.00	U	2.00	mg/Kg		02/24/26 10:24	02/24/26 16:42	500
o-Xylene	2.32		1.00	mg/Kg		02/24/26 10:24	02/24/26 16:42	500
Xylenes, Total	2.32		2.00	mg/Kg		02/24/26 10:24	02/24/26 16:42	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	02/24/26 10:24	02/24/26 16:42	500
1,4-Difluorobenzene (Surr)	98		70 - 130	02/24/26 10:24	02/24/26 16:42	500

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.93		2.00	mg/Kg			02/24/26 16:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2360		49.8	mg/Kg			02/19/26 11:45	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	655		49.8	mg/Kg		02/15/26 19:13	02/19/26 11:45	1
Diesel Range Organics (Over C10-C28)	1630		49.8	mg/Kg		02/15/26 19:13	02/19/26 11:45	1
Oil Range Organics (Over C28-C36)	79.1		49.8	mg/Kg		02/15/26 19:13	02/19/26 11:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	02/15/26 19:13	02/19/26 11:45	1
o-Terphenyl	133	S1+	70 - 130	02/15/26 19:13	02/19/26 11:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.8		49.7	mg/Kg			02/17/26 22:52	5

Client Sample ID: BH 04

Lab Sample ID: 890-9506-7

Date Collected: 02/12/26 13:36

Matrix: Solid

Date Received: 02/13/26 10:00

Sample Depth: 1

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		02/20/26 11:38	02/23/26 19:47	1
Toluene	<0.00201	U	0.00201	mg/Kg		02/20/26 11:38	02/23/26 19:47	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		02/20/26 11:38	02/23/26 19:47	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		02/20/26 11:38	02/23/26 19:47	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		02/20/26 11:38	02/23/26 19:47	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		02/20/26 11:38	02/23/26 19:47	1

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Client Sample Results

Client: Ensolium
Project/Site: PLU 423

Job ID: 890-9506-1
SDG: 03C1558813

Client Sample ID: BH 04

Lab Sample ID: 890-9506-7

Date Collected: 02/12/26 13:36

Matrix: Solid

Date Received: 02/13/26 10:00

Sample Depth: 1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	02/20/26 11:38	02/23/26 19:47	1
1,4-Difluorobenzene (Surr)	88		70 - 130	02/20/26 11:38	02/23/26 19:47	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			02/23/26 19:47	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			02/19/26 12:00	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		02/15/26 19:13	02/19/26 12:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		02/15/26 19:13	02/19/26 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		02/15/26 19:13	02/19/26 12:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130	02/15/26 19:13	02/19/26 12:00	1
o-Terphenyl	118		70 - 130	02/15/26 19:13	02/19/26 12:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	mg/Kg			02/17/26 22:59	1

Client Sample ID: BH 04A

Lab Sample ID: 890-9506-8

Date Collected: 02/12/26 13:41

Matrix: Solid

Date Received: 02/13/26 10:00

Sample Depth: 2

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		02/20/26 11:38	02/23/26 20:07	1
Toluene	<0.00202	U	0.00202	mg/Kg		02/20/26 11:38	02/23/26 20:07	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		02/20/26 11:38	02/23/26 20:07	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		02/20/26 11:38	02/23/26 20:07	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		02/20/26 11:38	02/23/26 20:07	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		02/20/26 11:38	02/23/26 20:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	02/20/26 11:38	02/23/26 20:07	1
1,4-Difluorobenzene (Surr)	92		70 - 130	02/20/26 11:38	02/23/26 20:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			02/23/26 20:07	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			02/19/26 10:43	1

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Client Sample Results

Client: Ensolum
Project/Site: PLU 423

Job ID: 890-9506-1
SDG: 03C1558813

Client Sample ID: BH 04A

Lab Sample ID: 890-9506-8

Date Collected: 02/12/26 13:41

Matrix: Solid

Date Received: 02/13/26 10:00

Sample Depth: 2

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		02/15/26 19:13	02/19/26 10:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		02/15/26 19:13	02/19/26 10:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		02/15/26 19:13	02/19/26 10:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	02/15/26 19:13	02/19/26 10:43	1
o-Terphenyl	97		70 - 130	02/15/26 19:13	02/19/26 10:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.9		9.90	mg/Kg			02/17/26 23:06	1

Surrogate Summary

Client: Ensolum
Project/Site: PLU 423

Job ID: 890-9506-1
SDG: 03C1558813

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)
880-68474-A-1-C MS	Matrix Spike	125	74
880-68474-A-1-D MSD	Matrix Spike Duplicate	185 S1+	103
880-68695-A-1-E MS	Matrix Spike	107	98
880-68695-A-1-F MSD	Matrix Spike Duplicate	102	96
890-9506-1	BH 01	118	105
890-9506-2	BH 01A	124	99
890-9506-3	BH 02	117	96
890-9506-4	BH 02A	117	99
890-9506-5	BH 03	284 S1+	73
890-9506-6	BH 03A	109	98
890-9506-7	BH 04	119	88
890-9506-8	BH 04A	104	92
890-9507-A-1-D MS	Matrix Spike	118	97
890-9507-A-1-E MSD	Matrix Spike Duplicate	129	96
LCS 880-132526/1-A	Lab Control Sample	96	91
LCS 880-132684/1-A	Lab Control Sample	186 S1+	85
LCS 880-132825/1-A	Lab Control Sample	102	99
LCSD 880-132526/2-A	Lab Control Sample Dup	109	99
LCSD 880-132684/2-A	Lab Control Sample Dup	207 S1+	80
LCSD 880-132825/2-A	Lab Control Sample Dup	103	99
MB 880-132526/5-A	Method Blank	194 S1+	117
MB 880-132684/5-A	Method Blank	245 S1+	88
MB 880-132825/5-A	Method Blank	100	92

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)
890-9504-A-1-C MS	Matrix Spike	115	109
890-9504-A-1-D MSD	Matrix Spike Duplicate	112	106
890-9506-1	BH 01	87	99
890-9506-2	BH 01A	75	82
890-9506-3	BH 02	88	100
890-9506-4	BH 02A	93	104
890-9506-5	BH 03	124	157 S1+
890-9506-6	BH 03A	125	133 S1+
890-9506-7	BH 04	122	118
890-9506-8	BH 04A	97	97
890-9506-8 MS	BH 04A	109	107
890-9506-8 MSD	BH 04A	107	104
LCS 880-131850/2-A	Lab Control Sample	119	115
LCS 880-131851/2-A	Lab Control Sample	110	114
LCSD 880-131850/3-A	Lab Control Sample Dup	118	112
LCSD 880-131851/3-A	Lab Control Sample Dup	108	113

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Surrogate Summary

Client: Ensolum
Project/Site: PLU 423

Job ID: 890-9506-1
SDG: 03C1558813

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
MB 880-131850/1-A	Method Blank	119	139 S1+
MB 880-131851/1-A	Method Blank	108	106

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

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

QC Sample Results

Client: Ensolum
Project/Site: PLU 423

Job ID: 890-9506-1
SDG: 03C1558813

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-132526/5-A
Matrix: Solid
Analysis Batch: 132660

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132526

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/20/26 11:38	02/23/26 12:20	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/20/26 11:38	02/23/26 12:20	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/20/26 11:38	02/23/26 12:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		02/20/26 11:38	02/23/26 12:20	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/20/26 11:38	02/23/26 12:20	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/20/26 11:38	02/23/26 12:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	194	S1+	70 - 130	02/20/26 11:38	02/23/26 12:20	1
1,4-Difluorobenzene (Surr)	117		70 - 130	02/20/26 11:38	02/23/26 12:20	1

Lab Sample ID: LCS 880-132526/1-A
Matrix: Solid
Analysis Batch: 132660

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132526

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09770		mg/Kg		98	70 - 130
Toluene	0.100	0.09380		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.07939		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	0.200	0.2124		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1091		mg/Kg		109	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: LCSD 880-132526/2-A
Matrix: Solid
Analysis Batch: 132660

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132526

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09986		mg/Kg		100	70 - 130	2	35
Toluene	0.100	0.07995		mg/Kg		80	70 - 130	16	35
Ethylbenzene	0.100	0.09230		mg/Kg		92	70 - 130	15	35
m-Xylene & p-Xylene	0.200	0.2118		mg/Kg		106	70 - 130	0	35
o-Xylene	0.100	0.1179		mg/Kg		118	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-9507-A-1-D MS
Matrix: Solid
Analysis Batch: 132660

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 132526

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.100	0.09027		mg/Kg		90	70 - 130
Toluene	<0.00199	U	0.100	0.08008		mg/Kg		80	70 - 130

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QC Sample Results

Client: Ensolum
Project/Site: PLU 423

Job ID: 890-9506-1
SDG: 03C1558813

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

Lab Sample ID: 890-9507-A-1-D MS
Matrix: Solid
Analysis Batch: 132660

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 132526

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00199	U	0.100	0.08612		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.200	0.2078		mg/Kg		104	70 - 130
o-Xylene	<0.00199	U	0.100	0.1092		mg/Kg		109	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 890-9507-A-1-E MSD
Matrix: Solid
Analysis Batch: 132660

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 132526

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00199	U	0.100	0.1030		mg/Kg		103	70 - 130	13	35
Toluene	<0.00199	U	0.100	0.09801		mg/Kg		98	70 - 130	20	35
Ethylbenzene	<0.00199	U	0.100	0.09237		mg/Kg		92	70 - 130	7	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.2191		mg/Kg		110	70 - 130	5	35
o-Xylene	<0.00199	U	0.100	0.1056		mg/Kg		106	70 - 130	3	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: MB 880-132684/5-A
Matrix: Solid
Analysis Batch: 132658

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132684

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	<0.00200	U	0.00200	mg/Kg		02/23/26 10:18	02/23/26 12:10	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/23/26 10:18	02/23/26 12:10	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/23/26 10:18	02/23/26 12:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		02/23/26 10:18	02/23/26 12:10	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/23/26 10:18	02/23/26 12:10	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/23/26 10:18	02/23/26 12:10	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	245	S1+	70 - 130	02/23/26 10:18	02/23/26 12:10	1
1,4-Difluorobenzene (Surr)	88		70 - 130	02/23/26 10:18	02/23/26 12:10	1

Lab Sample ID: LCS 880-132684/1-A
Matrix: Solid
Analysis Batch: 132658

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132684

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09391		mg/Kg		94	70 - 130
Toluene	0.100	0.1032		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1049		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	0.200	0.2278		mg/Kg		114	70 - 130

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QC Sample Results

Client: Ensolum
Project/Site: PLU 423

Job ID: 890-9506-1
SDG: 03C1558813

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

Lab Sample ID: LCS 880-132684/1-A
Matrix: Solid
Analysis Batch: 132658

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132684

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1218		mg/Kg		122	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	186	S1+	70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: LCSD 880-132684/2-A
Matrix: Solid
Analysis Batch: 132658

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132684

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1106		mg/Kg		111	70 - 130	16	35
Toluene	0.100	0.1180		mg/Kg		118	70 - 130	13	35
Ethylbenzene	0.100	0.1165		mg/Kg		116	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.2530		mg/Kg		127	70 - 130	11	35
o-Xylene	0.100	0.1366	*+	mg/Kg		137	70 - 130	11	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	207	S1+	70 - 130
1,4-Difluorobenzene (Surr)	80		70 - 130

Lab Sample ID: 880-68474-A-1-C MS
Matrix: Solid
Analysis Batch: 132658

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 132684

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.06605	F1	mg/Kg		66	70 - 130
Toluene	<0.00200	U	0.100	0.07388		mg/Kg		74	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07652		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1688		mg/Kg		84	70 - 130
o-Xylene	<0.00200	U *+	0.100	0.08331		mg/Kg		83	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	125		70 - 130
1,4-Difluorobenzene (Surr)	74		70 - 130

Lab Sample ID: 880-68474-A-1-D MSD
Matrix: Solid
Analysis Batch: 132658

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 132684

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U F1	0.100	0.08209		mg/Kg		82	70 - 130	22	35
Toluene	<0.00200	U	0.100	0.09358		mg/Kg		94	70 - 130	24	35
Ethylbenzene	<0.00200	U	0.100	0.09297		mg/Kg		93	70 - 130	19	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2067		mg/Kg		103	70 - 130	20	35
o-Xylene	<0.00200	U *+	0.100	0.1086		mg/Kg		109	70 - 130	26	35

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QC Sample Results

Client: Ensolum
Project/Site: PLU 423

Job ID: 890-9506-1
SDG: 03C1558813

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

Lab Sample ID: 880-68474-A-1-D MSD
Matrix: Solid
Analysis Batch: 132658

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 132684

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	185	S1+	70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-132825/5-A
Matrix: Solid
Analysis Batch: 132813

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132825

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	<0.00200	U	0.00200	mg/Kg		02/24/26 10:24	02/24/26 12:19	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/24/26 10:24	02/24/26 12:19	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/24/26 10:24	02/24/26 12:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		02/24/26 10:24	02/24/26 12:19	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/24/26 10:24	02/24/26 12:19	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/24/26 10:24	02/24/26 12:19	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	100		70 - 130	02/24/26 10:24	02/24/26 12:19	1
1,4-Difluorobenzene (Surr)	92		70 - 130	02/24/26 10:24	02/24/26 12:19	1

Lab Sample ID: LCS 880-132825/1-A
Matrix: Solid
Analysis Batch: 132813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132825

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.09407		mg/Kg		94	70 - 130
Toluene	0.100	0.08493		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.09246		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	0.200	0.1831		mg/Kg		92	70 - 130
o-Xylene	0.100	0.08979		mg/Kg		90	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-132825/2-A
Matrix: Solid
Analysis Batch: 132813

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132825

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Benzene	0.100	0.09774		mg/Kg		98	70 - 130	4	35
Toluene	0.100	0.08968		mg/Kg		90	70 - 130	5	35
Ethylbenzene	0.100	0.09786		mg/Kg		98	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1951		mg/Kg		98	70 - 130	6	35
o-Xylene	0.100	0.09598		mg/Kg		96	70 - 130	7	35

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	103		70 - 130

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QC Sample Results

Client: Ensolum
Project/Site: PLU 423

Job ID: 890-9506-1
SDG: 03C1558813

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

Lab Sample ID: LCSD 880-132825/2-A
Matrix: Solid
Analysis Batch: 132813

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132825

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-68695-A-1-E MS
Matrix: Solid
Analysis Batch: 132813

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 132825

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08108		mg/Kg		81	70 - 130
Toluene	<0.00200	U	0.100	0.07437		mg/Kg		74	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08381		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1654		mg/Kg		83	70 - 130
o-Xylene	<0.00200	U	0.100	0.08251		mg/Kg		83	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-68695-A-1-F MSD
Matrix: Solid
Analysis Batch: 132813

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 132825

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.07942		mg/Kg		79	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.07551		mg/Kg		76	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.08383		mg/Kg		84	70 - 130	0	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1670		mg/Kg		83	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.08220		mg/Kg		82	70 - 130	0	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

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

Lab Sample ID: MB 880-131850/1-A
Matrix: Solid
Analysis Batch: 132322

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131850

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		02/15/26 19:10	02/19/26 18:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/15/26 19:10	02/19/26 18:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/15/26 19:10	02/19/26 18:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	02/15/26 19:10	02/19/26 18:48	1
o-Terphenyl	139	S1+	70 - 130	02/15/26 19:10	02/19/26 18:48	1

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QC Sample Results

Client: Ensolum
Project/Site: PLU 423

Job ID: 890-9506-1
SDG: 03C1558813

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

Lab Sample ID: LCS 880-131850/2-A
Matrix: Solid
Analysis Batch: 132322

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131850

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	910.8		mg/Kg		91	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	873.9		mg/Kg		87	70 - 130		
		LCS	LCS						
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	119		70 - 130						
o-Terphenyl	115		70 - 130						

Lab Sample ID: LCSD 880-131850/3-A
Matrix: Solid
Analysis Batch: 132322

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131850

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD Limit	
									RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	897.9		mg/Kg		90	70 - 130		1	20
Diesel Range Organics (Over C10-C28)	1000	824.6		mg/Kg		82	70 - 130		6	20
		LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	118		70 - 130							
o-Terphenyl	112		70 - 130							

Lab Sample ID: 890-9504-A-1-C MS
Matrix: Solid
Analysis Batch: 132322

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131850

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	972.5		mg/Kg		97	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	998	752.6		mg/Kg		75	70 - 130	
		MS	MS							
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	115		70 - 130							
o-Terphenyl	109		70 - 130							

Lab Sample ID: 890-9504-A-1-D MSD
Matrix: Solid
Analysis Batch: 132322

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131850

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD Limit	
											RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	954.1		mg/Kg		96	70 - 130		2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	755.7		mg/Kg		76	70 - 130		0	20
		MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	112		70 - 130									

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QC Sample Results

Client: Ensolum
Project/Site: PLU 423

Job ID: 890-9506-1
SDG: 03C1558813

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

Lab Sample ID: 890-9504-A-1-D MSD
Matrix: Solid
Analysis Batch: 132322

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131850

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
<i>o</i> -Terphenyl	106		70 - 130

Lab Sample ID: MB 880-131851/1-A
Matrix: Solid
Analysis Batch: 132360

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131851

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		02/15/26 19:12	02/19/26 05:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/15/26 19:12	02/19/26 05:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/15/26 19:12	02/19/26 05:54	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
<i>1</i> -Chlorooctane	108		70 - 130	02/15/26 19:12	02/19/26 05:54	1
<i>o</i> -Terphenyl	106		70 - 130	02/15/26 19:12	02/19/26 05:54	1

Lab Sample ID: LCS 880-131851/2-A
Matrix: Solid
Analysis Batch: 132360

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131851

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	1152		mg/Kg		115	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1064		mg/Kg		106	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
<i>1</i> -Chlorooctane	110		70 - 130
<i>o</i> -Terphenyl	114		70 - 130

Lab Sample ID: LCSD 880-131851/3-A
Matrix: Solid
Analysis Batch: 132360

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131851

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1103		mg/Kg		110	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	1067		mg/Kg		107	70 - 130	0	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
<i>1</i> -Chlorooctane	108		70 - 130
<i>o</i> -Terphenyl	113		70 - 130

QC Sample Results

Client: Ensolum
Project/Site: PLU 423

Job ID: 890-9506-1
SDG: 03C1558813

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-9506-2 MS
Matrix: Solid
Analysis Batch: 132102

Client Sample ID: BH 01A
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3280	F1	2510	6002		mg/Kg		109	90 - 110

Lab Sample ID: 890-9506-2 MSD
Matrix: Solid
Analysis Batch: 132102

Client Sample ID: BH 01A
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3280	F1	2510	6056	F1	mg/Kg		111	90 - 110	1	20

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QC Association Summary

Client: Ensolum
Project/Site: PLU 423

Job ID: 890-9506-1
SDG: 03C1558813

GC VOA

Prep Batch: 132526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9506-1	BH 01	Total/NA	Solid	5035	
890-9506-2	BH 01A	Total/NA	Solid	5035	
890-9506-3	BH 02	Total/NA	Solid	5035	
890-9506-4	BH 02A	Total/NA	Solid	5035	
890-9506-7	BH 04	Total/NA	Solid	5035	
890-9506-8	BH 04A	Total/NA	Solid	5035	
MB 880-132526/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132526/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132526/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9507-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
890-9507-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 132658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9506-5	BH 03	Total/NA	Solid	8021B	132684
MB 880-132684/5-A	Method Blank	Total/NA	Solid	8021B	132684
LCS 880-132684/1-A	Lab Control Sample	Total/NA	Solid	8021B	132684
LCSD 880-132684/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132684
880-68474-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	132684
880-68474-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	132684

Analysis Batch: 132660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9506-1	BH 01	Total/NA	Solid	8021B	132526
890-9506-2	BH 01A	Total/NA	Solid	8021B	132526
890-9506-3	BH 02	Total/NA	Solid	8021B	132526
890-9506-4	BH 02A	Total/NA	Solid	8021B	132526
890-9506-7	BH 04	Total/NA	Solid	8021B	132526
890-9506-8	BH 04A	Total/NA	Solid	8021B	132526
MB 880-132526/5-A	Method Blank	Total/NA	Solid	8021B	132526
LCS 880-132526/1-A	Lab Control Sample	Total/NA	Solid	8021B	132526
LCSD 880-132526/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132526
890-9507-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	132526
890-9507-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	132526

Prep Batch: 132684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9506-5	BH 03	Total/NA	Solid	5035	
MB 880-132684/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132684/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132684/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68474-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-68474-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 132782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9506-1	BH 01	Total/NA	Solid	Total BTEX	
890-9506-2	BH 01A	Total/NA	Solid	Total BTEX	
890-9506-3	BH 02	Total/NA	Solid	Total BTEX	
890-9506-4	BH 02A	Total/NA	Solid	Total BTEX	
890-9506-5	BH 03	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Ensolum
Project/Site: PLU 423Job ID: 890-9506-1
SDG: 03C1558813

GC VOA (Continued)

Analysis Batch: 132782 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9506-6	BH 03A	Total/NA	Solid	Total BTEX	
890-9506-7	BH 04	Total/NA	Solid	Total BTEX	
890-9506-8	BH 04A	Total/NA	Solid	Total BTEX	

Analysis Batch: 132813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9506-6	BH 03A	Total/NA	Solid	8021B	132825
MB 880-132825/5-A	Method Blank	Total/NA	Solid	8021B	132825
LCS 880-132825/1-A	Lab Control Sample	Total/NA	Solid	8021B	132825
LCS 880-132825/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132825
880-68695-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	132825
880-68695-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	132825

Prep Batch: 132825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9506-6	BH 03A	Total/NA	Solid	5035	
MB 880-132825/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132825/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 880-132825/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68695-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-68695-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 131850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9506-1	BH 01	Total/NA	Solid	8015NM Prep	
890-9506-2	BH 01A	Total/NA	Solid	8015NM Prep	
890-9506-3	BH 02	Total/NA	Solid	8015NM Prep	
890-9506-4	BH 02A	Total/NA	Solid	8015NM Prep	
MB 880-131850/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131850/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCS 880-131850/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9504-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9504-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 131851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9506-5	BH 03	Total/NA	Solid	8015NM Prep	
890-9506-6	BH 03A	Total/NA	Solid	8015NM Prep	
890-9506-7	BH 04	Total/NA	Solid	8015NM Prep	
890-9506-8	BH 04A	Total/NA	Solid	8015NM Prep	
MB 880-131851/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131851/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCS 880-131851/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9506-8 MS	BH 04A	Total/NA	Solid	8015NM Prep	
890-9506-8 MSD	BH 04A	Total/NA	Solid	8015NM Prep	

Analysis Batch: 132322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9506-1	BH 01	Total/NA	Solid	8015B NM	131850

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QC Association Summary

Client: Ensolum
Project/Site: PLU 423Job ID: 890-9506-1
SDG: 03C1558813

GC Semi VOA (Continued)

Analysis Batch: 132322 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9506-2	BH 01A	Total/NA	Solid	8015B NM	131850
890-9506-3	BH 02	Total/NA	Solid	8015B NM	131850
890-9506-4	BH 02A	Total/NA	Solid	8015B NM	131850
MB 880-131850/1-A	Method Blank	Total/NA	Solid	8015B NM	131850
LCS 880-131850/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131850
LCSD 880-131850/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131850
890-9504-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	131850
890-9504-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	131850

Analysis Batch: 132360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9506-5	BH 03	Total/NA	Solid	8015B NM	131851
890-9506-6	BH 03A	Total/NA	Solid	8015B NM	131851
890-9506-7	BH 04	Total/NA	Solid	8015B NM	131851
890-9506-8	BH 04A	Total/NA	Solid	8015B NM	131851
MB 880-131851/1-A	Method Blank	Total/NA	Solid	8015B NM	131851
LCS 880-131851/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131851
LCSD 880-131851/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131851
890-9506-8 MS	BH 04A	Total/NA	Solid	8015B NM	131851
890-9506-8 MSD	BH 04A	Total/NA	Solid	8015B NM	131851

Analysis Batch: 132480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9506-1	BH 01	Total/NA	Solid	8015 NM	
890-9506-2	BH 01A	Total/NA	Solid	8015 NM	
890-9506-3	BH 02	Total/NA	Solid	8015 NM	
890-9506-4	BH 02A	Total/NA	Solid	8015 NM	
890-9506-5	BH 03	Total/NA	Solid	8015 NM	
890-9506-6	BH 03A	Total/NA	Solid	8015 NM	
890-9506-7	BH 04	Total/NA	Solid	8015 NM	
890-9506-8	BH 04A	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 131765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9506-1	BH 01	Soluble	Solid	DI Leach	
890-9506-2	BH 01A	Soluble	Solid	DI Leach	
890-9506-3	BH 02	Soluble	Solid	DI Leach	
890-9506-4	BH 02A	Soluble	Solid	DI Leach	
890-9506-5	BH 03	Soluble	Solid	DI Leach	
890-9506-6	BH 03A	Soluble	Solid	DI Leach	
890-9506-7	BH 04	Soluble	Solid	DI Leach	
890-9506-8	BH 04A	Soluble	Solid	DI Leach	
MB 880-131765/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131765/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131765/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9506-2 MS	BH 01A	Soluble	Solid	DI Leach	
890-9506-2 MSD	BH 01A	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Ensolum
Project/Site: PLU 423

Job ID: 890-9506-1
SDG: 03C1558813

HPLC/IC

Analysis Batch: 132102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9506-1	BH 01	Soluble	Solid	300.0	131765
890-9506-2	BH 01A	Soluble	Solid	300.0	131765
890-9506-3	BH 02	Soluble	Solid	300.0	131765
890-9506-4	BH 02A	Soluble	Solid	300.0	131765
890-9506-5	BH 03	Soluble	Solid	300.0	131765
890-9506-6	BH 03A	Soluble	Solid	300.0	131765
890-9506-7	BH 04	Soluble	Solid	300.0	131765
890-9506-8	BH 04A	Soluble	Solid	300.0	131765
MB 880-131765/1-A	Method Blank	Soluble	Solid	300.0	131765
LCS 880-131765/2-A	Lab Control Sample	Soluble	Solid	300.0	131765
LCSD 880-131765/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131765
890-9506-2 MS	BH 01A	Soluble	Solid	300.0	131765
890-9506-2 MSD	BH 01A	Soluble	Solid	300.0	131765

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Lab Chronicle

Client: Ensolum
Project/Site: PLU 423

Job ID: 890-9506-1
SDG: 03C1558813

Client Sample ID: BH 01
Date Collected: 02/12/26 10:25
Date Received: 02/13/26 10:00

Lab Sample ID: 890-9506-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	132526	02/20/26 11:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132660	02/23/26 18:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132782	02/23/26 18:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			132480	02/20/26 00:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131850	02/15/26 19:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132322	02/20/26 00:02	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131765	02/13/26 17:45	SI	EET MID
Soluble	Analysis	300.0		10			132102	02/17/26 21:52	CS	EET MID

Client Sample ID: BH 01A
Date Collected: 02/12/26 11:18
Date Received: 02/13/26 10:00

Lab Sample ID: 890-9506-2
Matrix: Solid

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	132526	02/20/26 11:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132660	02/23/26 18:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132782	02/23/26 18:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			132480	02/20/26 00:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131850	02/15/26 19:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132322	02/20/26 00:16	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131765	02/13/26 17:45	SI	EET MID
Soluble	Analysis	300.0		10			132102	02/17/26 21:59	CS	EET MID

Client Sample ID: BH 02
Date Collected: 02/12/26 12:20
Date Received: 02/13/26 10:00

Lab Sample ID: 890-9506-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	132526	02/20/26 11:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132660	02/23/26 18:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132782	02/23/26 18:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			132480	02/20/26 00:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131850	02/15/26 19:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132322	02/20/26 00:30	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131765	02/13/26 17:45	SI	EET MID
Soluble	Analysis	300.0		1			132102	02/17/26 22:19	CS	EET MID

Client Sample ID: BH 02A
Date Collected: 02/12/26 12:12
Date Received: 02/13/26 10:00

Lab Sample ID: 890-9506-4
Matrix: Solid

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	132526	02/20/26 11:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132660	02/23/26 19:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132782	02/23/26 19:06	SA	EET MID

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Lab Chronicle

Client: Ensolum
Project/Site: PLU 423

Job ID: 890-9506-1
SDG: 03C1558813

Client Sample ID: BH 02A

Lab Sample ID: 890-9506-4

Date Collected: 02/12/26 12:12

Matrix: Solid

Date Received: 02/13/26 10:00

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			132480	02/20/26 00:44	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	131850	02/15/26 19:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132322	02/20/26 00:44	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131765	02/13/26 17:45	SI	EET MID
Soluble	Analysis	300.0		1			132102	02/17/26 22:26	CS	EET MID

Client Sample ID: BH 03

Lab Sample ID: 890-9506-5

Date Collected: 02/12/26 12:46

Matrix: Solid

Date Received: 02/13/26 10:00

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	132684	02/23/26 10:18	AA	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	132658	02/23/26 16:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132782	02/23/26 16:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			132480	02/19/26 11:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131851	02/15/26 19:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132360	02/19/26 11:30	SA	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131765	02/13/26 17:45	SI	EET MID
Soluble	Analysis	300.0		5			132102	02/17/26 22:46	CS	EET MID

Client Sample ID: BH 03A

Lab Sample ID: 890-9506-6

Date Collected: 02/12/26 12:50

Matrix: Solid

Date Received: 02/13/26 10:00

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	132825	02/24/26 10:24	MNR	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	132813	02/24/26 16:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132782	02/24/26 16:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			132480	02/19/26 11:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131851	02/15/26 19:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132360	02/19/26 11:45	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131765	02/13/26 17:45	SI	EET MID
Soluble	Analysis	300.0		5			132102	02/17/26 22:52	CS	EET MID

Client Sample ID: BH 04

Lab Sample ID: 890-9506-7

Date Collected: 02/12/26 13:36

Matrix: Solid

Date Received: 02/13/26 10:00

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	132526	02/20/26 11:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132660	02/23/26 19:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132782	02/23/26 19:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			132480	02/19/26 12:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	131851	02/15/26 19:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132360	02/19/26 12:00	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
Project/Site: PLU 423

Job ID: 890-9506-1
SDG: 03C1558813

Client Sample ID: BH 04

Lab Sample ID: 890-9506-7

Date Collected: 02/12/26 13:36

Matrix: Solid

Date Received: 02/13/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	131765	02/13/26 17:45	SI	EET MID
Soluble	Analysis	300.0		1			132102	02/17/26 22:59	CS	EET MID

Client Sample ID: BH 04A

Lab Sample ID: 890-9506-8

Date Collected: 02/12/26 13:41

Matrix: Solid

Date Received: 02/13/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	132526	02/20/26 11:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132660	02/23/26 20:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132782	02/23/26 20:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			132480	02/19/26 10:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131851	02/15/26 19:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132360	02/19/26 10:43	SA	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131765	02/13/26 17:45	SI	EET MID
Soluble	Analysis	300.0		1			132102	02/17/26 23:06	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 423

Job ID: 890-9506-1
SDG: 03C1558813

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 423

Job ID: 890-9506-1
SDG: 03C1558813

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 423

Job ID: 890-9506-1
SDG: 03C1558813

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9506-1	BH 01	Solid	02/12/26 10:25	02/13/26 10:00	1
890-9506-2	BH 01A	Solid	02/12/26 11:18	02/13/26 10:00	3
890-9506-3	BH 02	Solid	02/12/26 12:20	02/13/26 10:00	0.5
890-9506-4	BH 02A	Solid	02/12/26 12:12	02/13/26 10:00	1
890-9506-5	BH 03	Solid	02/12/26 12:46	02/13/26 10:00	1
890-9506-6	BH 03A	Solid	02/12/26 12:50	02/13/26 10:00	2
890-9506-7	BH 04	Solid	02/12/26 13:36	02/13/26 10:00	1
890-9506-8	BH 04A	Solid	02/12/26 13:41	02/13/26 10:00	2

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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) 508-3334
 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199



Environment Testing
 Xenco

Work Order No:

www.xenco.com Page 1 of 1

Project Manager: Jeremy Reich	Bill to: (if different) Date Woodall
Company Name: Ensolum	Company Name: XTO Energy, Inc
Address: 3122 National Parks Hwy	Address: 3104 E Greene St.
City, State ZIP: Carlsbad, NM 88220	City, State ZIP: Carlsbad, NM, 88220
Phone: (432) 296-0627	Email: JReich@ensolum.com, TMorrissey@ensolum.com

Project Name: PLU 423	Turn Around Routine <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	Pres. Code
Project Number: 03C1558813	Due Date: 32.113185, -103.915297	
Project Location: Trevor Wargo	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name: Trevor Wargo	Wet Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID: 11-08-03	
Cooler Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor: -1.8	
Sample Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading: -1.8	
Total Containers:	Corrected Temperature: -1.6	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters
BH01	Soil	2/12/26	10:25	1	1	1	TPH 8015 BTEX 8021 Chloride 300
BH01A			11:18	3			
BH02			12:20	0.5			
BH02A			12:11	1			
BH03			12:46	1			
BH03A			12:50	2			
BH04			13:36	1			
BH04A			13:41	2			

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: 1631/245.1/17470/17471

Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
<i>Trevor Wargo</i>	<i>Trevor Wargo</i>		

Notice: Signatures 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 \$85.00 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.

Incident #: nAPP2601551224
 CC: 1081221001
 GFCM: 48605000

CC: twargo@ensolum.com, CWright@ensolum.com, K.Thomas@ensolum.com

Revised Date: 06/25/2020 Rev. 2020.2



Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9506-1

SDG Number: 03C1558813

Login Number: 9506

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.	N/A	Refer to Job Narrative for details.
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: 890-9506-1

SDG Number: 03C1558813

Login Number: 9506

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 02/16/26 11:00 AM

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

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

March 26, 2026

CHRIS WRIGHT

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 423

Enclosed are the results of analyses for samples received by the laboratory on 03/23/26 12:20.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder".

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
CHRIS WRIGHT
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/23/2026	Sampling Date:	03/19/2026
Reported:	03/26/2026	Sampling Type:	Soil
Project Name:	PLU 423	Sampling Condition:	Cool & Intact
Project Number:	03C1558813	Sample Received By:	Alyssa Parras
Project Location:	32.113185, -703.915297		

Sample ID: BH03B 4 (H261601-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/24/2026	ND	2.21	111	2.00	1.89		
Toluene*	<0.050	0.050	03/24/2026	ND	1.97	98.6	2.00	3.45	GC-NC	
Ethylbenzene*	<0.050	0.050	03/24/2026	ND	1.92	96.2	2.00	4.69		
Total Xylenes*	<0.150	0.150	03/24/2026	ND	5.86	97.6	6.00	4.55		
Total BTEX	<0.300	0.300	03/24/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/24/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	12.6	10.0	03/24/2026	ND	212	106	200	4.00		
DRO >C10-C28*	42.6	10.0	03/24/2026	ND	222	111	200	2.36		
EXT DRO >C28-C36	<10.0	10.0	03/24/2026	ND						

Surrogate: 1-Chlorooctane 107 % 52.4-130

Surrogate: 1-Chlorooctadecane 99.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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



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

Analytical Results For:

ENSOLUM
CHRIS WRIGHT
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/23/2026	Sampling Date:	03/19/2026
Reported:	03/26/2026	Sampling Type:	Soil
Project Name:	PLU 423	Sampling Condition:	Cool & Intact
Project Number:	03C1558813	Sample Received By:	Alyssa Parras
Project Location:	32.113185, -703.915297		

Sample ID: BH03C 6 (H261601-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2026	ND	2.21	111	2.00	1.89	
Toluene*	<0.050	0.050	03/24/2026	ND	1.97	98.6	2.00	3.45	
Ethylbenzene*	<0.050	0.050	03/24/2026	ND	1.92	96.2	2.00	4.69	
Total Xylenes*	<0.150	0.150	03/24/2026	ND	5.86	97.6	6.00	4.55	
Total BTEX	<0.300	0.300	03/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/24/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2026	ND	212	106	200	4.00	
DRO >C10-C28*	<10.0	10.0	03/24/2026	ND	222	111	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	03/24/2026	ND					

Surrogate: 1-Chlorooctane 103 % 52.4-130

Surrogate: 1-Chlorooctadecane 96.3 % 39.9-141

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



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

Analytical Results For:

ENSOLUM
CHRIS WRIGHT
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/23/2026	Sampling Date:	03/19/2026
Reported:	03/26/2026	Sampling Type:	Soil
Project Name:	PLU 423	Sampling Condition:	Cool & Intact
Project Number:	03C1558813	Sample Received By:	Alyssa Parras
Project Location:	32.113185, -703.915297		

Sample ID: BH02B 3 (H261601-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2026	ND	2.21	111	2.00	1.89	
Toluene*	<0.050	0.050	03/24/2026	ND	1.97	98.6	2.00	3.45	
Ethylbenzene*	<0.050	0.050	03/24/2026	ND	1.92	96.2	2.00	4.69	
Total Xylenes*	<0.150	0.150	03/24/2026	ND	5.86	97.6	6.00	4.55	
Total BTEX	<0.300	0.300	03/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/24/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2026	ND	212	106	200	4.00	
DRO >C10-C28*	12.7	10.0	03/24/2026	ND	222	111	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	03/24/2026	ND					

Surrogate: 1-Chlorooctane 102 % 52.4-130

Surrogate: 1-Chlorooctadecane 96.4 % 39.9-141

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*=Accredited Analyte

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



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

Analytical Results For:

ENSOLUM
CHRIS WRIGHT
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/23/2026	Sampling Date:	03/19/2026
Reported:	03/26/2026	Sampling Type:	Soil
Project Name:	PLU 423	Sampling Condition:	Cool & Intact
Project Number:	03C1558813	Sample Received By:	Alyssa Parras
Project Location:	32.113185, -703.915297		

Sample ID: BH02C 4 (H261601-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2026	ND	2.21	111	2.00	1.89	
Toluene*	<0.050	0.050	03/24/2026	ND	1.97	98.6	2.00	3.45	
Ethylbenzene*	<0.050	0.050	03/24/2026	ND	1.92	96.2	2.00	4.69	
Total Xylenes*	<0.150	0.150	03/24/2026	ND	5.86	97.6	6.00	4.55	
Total BTEX	<0.300	0.300	03/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/24/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2026	ND	212	106	200	4.00	
DRO >C10-C28*	<10.0	10.0	03/24/2026	ND	222	111	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	03/24/2026	ND					

Surrogate: 1-Chlorooctane 109 % 52.4-130

Surrogate: 1-Chlorooctadecane 101 % 39.9-141

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



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

Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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*=Accredited Analyte

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 1

Company Name: Ensolum, LLC Project Manager: Chris McQuinn Address: 3122 National Parks Hwy City: Carlsbad State: NM Zip: 88220 Phone #: 575-706-6266 Fax #: 575-706-6266 Project #: OSC1558813 Project Owner: XTO ENERGY, INC Project Name: PLU 4123 Project Location: 32.13185, 703.915297 Sampler Name: Chris McQuinn <small>FOR LAB USE ONLY</small>		BILL TO P.O. #: Company: XTO ENERGY, INC Attn: Dave McQuinn Address: 3104 E Green St City: Carlsbad State: NM Zip: 88220 Phone #: Fax #:		ANALYSIS REQUEST								
Lab I.D. H101001 1 2 3 4	Sample I.D. B103B B103C B102B B102C	Sample Depth (feet) 4 6 3 4	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	MATRIX PRESERV SAMPLING DATE TIME	BTEX TPH CHLORIDE							
						6	1	3/19/26	1012	✓	✓	✓
						6	1	3/19/26	1040	✓	✓	✓
						6	1	3/19/26	1157	✓	✓	✓
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Relinquished By: Chris McQuinn Date: 3-23-20 Time: 1:30		Received By: [Signature] Date: [Blank] Time: [Blank]		Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address: Email: [Blank]								
Delivered By: (Circle One) UPS - Bus - Other:		Observed Temp. °C: 3.4 Corrected Temp. °C: 3.5		Sample Condition: Cool Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Bacteria (only) Sample Condition: Cool Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No								
REMARKS: Meter ID: M1992401551224 User Name: 061221001 Turnaround Time: Standard <input checked="" type="checkbox"/> Rush Thermometer ID #13 <input checked="" type="checkbox"/> 140 Correction Factor -0.0C to 0.1C												

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinalabsm.com



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

March 26, 2026

CHRIS WRIGHT

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 423

Enclosed are the results of analyses for samples received by the laboratory on 03/23/26 12:20.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder".

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
CHRIS WRIGHT
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/23/2026	Sampling Date:	03/20/2026
Reported:	03/26/2026	Sampling Type:	Soil
Project Name:	PLU 423	Sampling Condition:	Cool & Intact
Project Number:	03C1558813	Sample Received By:	Alyssa Parras
Project Location:	32.113185, -703.915297		

Sample ID: BH01B 7' (H261602-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2026	ND	2.21	111	2.00	1.89	
Toluene*	<0.050	0.050	03/24/2026	ND	1.97	98.6	2.00	3.45	
Ethylbenzene*	<0.050	0.050	03/24/2026	ND	1.92	96.2	2.00	4.69	
Total Xylenes*	<0.150	0.150	03/24/2026	ND	5.86	97.6	6.00	4.55	
Total BTEX	<0.300	0.300	03/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	03/24/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2026	ND	212	106	200	4.00	
DRO >C10-C28*	16.6	10.0	03/24/2026	ND	222	111	200	2.36	
EXT DRO >C28-C36	12.3	10.0	03/24/2026	ND					

Surrogate: 1-Chlorooctane 99.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 94.0 % 39.9-141

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



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

Notes and Definitions

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

Cardinal Laboratories

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 2
1 of 1

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum, LLC
 Project Manager: Chris Weigert
 Address: 3122 National Parks Hwy
 City: Carlsbad State: NM Zip: 88220
 Phone #: 575-704-6246 Fax #: [blank]
 Project #: 0501558813 Project Owner: XTO Energy, Inc
 Project Name: PLU 4123
 Project Location: 32.13185, 103.915247
 Sampler Name: Chris Weigert
 P.O. #: [blank] Company: XTO Energy, Inc
 Attn: Dale Maddau
 Address: 3104 E. [blank] St
 City: Carlsbad State: NM Zip: 88220
 Phone #: [blank] Fax #: [blank]

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	BTEX	TPH	CHLORIDE
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:					
HR01002	BH01B	7	6	1								3/20/26	0905	✓	✓	✓

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Relinquished By: Chris Weigert
 Date: 3-23-20
 Time: 1833
 Received By: [Signature]
 Date: [blank]
 Time: [blank]

Delivered By: (Circle One) Observed Temp. °C: 3.4
 Corrected Temp. °C: 3.5
 Sample Condition: Cool Intact Yes
 Bacteria (only) Sample Condition: Cool Intact Yes

REMARKS: [blank]

Verbal Result: Yes No Add'l Phone #: [blank]
 All Results are emailed. Please provide Email address: [blank]

Cardinal cannot accept verbal changes. Please email changes to cely.keene@cardinallabsnm.com



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

March 26, 2026

CHRIS WRIGHT

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 423

Enclosed are the results of analyses for samples received by the laboratory on 03/23/26 12:20.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder".

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
CHRIS WRIGHT
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/23/2026	Sampling Date:	03/20/2026
Reported:	03/26/2026	Sampling Type:	Soil
Project Name:	PLU 423	Sampling Condition:	Cool & Intact
Project Number:	03C1558813	Sample Received By:	Alyssa Parras
Project Location:	32.113185, -703.915297		

Sample ID: BH08 0.5' (H261603-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/24/2026	ND	2.21	111	2.00	1.89		
Toluene*	<0.050	0.050	03/24/2026	ND	1.97	98.6	2.00	3.45		
Ethylbenzene*	<0.050	0.050	03/24/2026	ND	1.92	96.2	2.00	4.69		
Total Xylenes*	<0.150	0.150	03/24/2026	ND	5.86	97.6	6.00	4.55		
Total BTEX	<0.300	0.300	03/24/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/24/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/24/2026	ND	212	106	200	4.00		
DRO >C10-C28*	<10.0	10.0	03/24/2026	ND	222	111	200	2.36		
EXT DRO >C28-C36	<10.0	10.0	03/24/2026	ND						

Surrogate: 1-Chlorooctane 91.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 87.0 % 39.9-141

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



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

Analytical Results For:

ENSOLUM
CHRIS WRIGHT
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/23/2026	Sampling Date:	03/20/2026
Reported:	03/26/2026	Sampling Type:	Soil
Project Name:	PLU 423	Sampling Condition:	Cool & Intact
Project Number:	03C1558813	Sample Received By:	Alyssa Parras
Project Location:	32.113185, -703.915297		

Sample ID: BH08A 3' (H261603-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2026	ND	2.21	111	2.00	1.89	
Toluene*	<0.050	0.050	03/24/2026	ND	1.97	98.6	2.00	3.45	
Ethylbenzene*	<0.050	0.050	03/24/2026	ND	1.92	96.2	2.00	4.69	
Total Xylenes*	<0.150	0.150	03/24/2026	ND	5.86	97.6	6.00	4.55	
Total BTEX	<0.300	0.300	03/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/24/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2026	ND	212	106	200	4.00	
DRO >C10-C28*	<10.0	10.0	03/24/2026	ND	222	111	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	03/24/2026	ND					

Surrogate: 1-Chlorooctane 102 % 52.4-130

Surrogate: 1-Chlorooctadecane 95.9 % 39.9-141

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



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

Analytical Results For:

ENSOLUM
CHRIS WRIGHT
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/23/2026	Sampling Date:	03/20/2026
Reported:	03/26/2026	Sampling Type:	Soil
Project Name:	PLU 423	Sampling Condition:	Cool & Intact
Project Number:	03C1558813	Sample Received By:	Alyssa Parras
Project Location:	32.113185, -703.915297		

Sample ID: BH08B 7' (H261603-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2026	ND	2.21	111	2.00	1.89	
Toluene*	<0.050	0.050	03/24/2026	ND	1.97	98.6	2.00	3.45	
Ethylbenzene*	<0.050	0.050	03/24/2026	ND	1.92	96.2	2.00	4.69	
Total Xylenes*	<0.150	0.150	03/24/2026	ND	5.86	97.6	6.00	4.55	
Total BTEX	<0.300	0.300	03/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/24/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2026	ND	212	106	200	4.00	
DRO >C10-C28*	<10.0	10.0	03/24/2026	ND	222	111	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	03/24/2026	ND					

Surrogate: 1-Chlorooctane 99.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 93.9 % 39.9-141

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



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

Analytical Results For:

ENSOLUM
CHRIS WRIGHT
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/23/2026	Sampling Date:	03/20/2026
Reported:	03/26/2026	Sampling Type:	Soil
Project Name:	PLU 423	Sampling Condition:	Cool & Intact
Project Number:	03C1558813	Sample Received By:	Alyssa Parras
Project Location:	32.113185, -703.915297		

Sample ID: BH05 0.5' (H261603-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2026	ND	2.21	111	2.00	1.89	
Toluene*	<0.050	0.050	03/24/2026	ND	1.97	98.6	2.00	3.45	
Ethylbenzene*	<0.050	0.050	03/24/2026	ND	1.92	96.2	2.00	4.69	
Total Xylenes*	<0.150	0.150	03/24/2026	ND	5.86	97.6	6.00	4.55	
Total BTEX	<0.300	0.300	03/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/24/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2026	ND	212	106	200	4.00	
DRO >C10-C28*	<10.0	10.0	03/24/2026	ND	222	111	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	03/24/2026	ND					

Surrogate: 1-Chlorooctane 98.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 91.5 % 39.9-141

Cardinal Laboratories

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



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

Analytical Results For:

ENSOLUM
CHRIS WRIGHT
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/23/2026	Sampling Date:	03/20/2026
Reported:	03/26/2026	Sampling Type:	Soil
Project Name:	PLU 423	Sampling Condition:	Cool & Intact
Project Number:	03C1558813	Sample Received By:	Alyssa Parras
Project Location:	32.113185, -703.915297		

Sample ID: BH05A 3' (H261603-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2026	ND	2.21	111	2.00	1.89	
Toluene*	<0.050	0.050	03/24/2026	ND	1.97	98.6	2.00	3.45	
Ethylbenzene*	<0.050	0.050	03/24/2026	ND	1.92	96.2	2.00	4.69	
Total Xylenes*	<0.150	0.150	03/24/2026	ND	5.86	97.6	6.00	4.55	
Total BTEX	<0.300	0.300	03/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/24/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2026	ND	212	106	200	4.00	
DRO >C10-C28*	<10.0	10.0	03/24/2026	ND	222	111	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	03/24/2026	ND					

Surrogate: 1-Chlorooctane 97.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 90.0 % 39.9-141

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



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

Analytical Results For:

ENSOLUM
CHRIS WRIGHT
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/23/2026	Sampling Date:	03/20/2026
Reported:	03/26/2026	Sampling Type:	Soil
Project Name:	PLU 423	Sampling Condition:	Cool & Intact
Project Number:	03C1558813	Sample Received By:	Alyssa Parras
Project Location:	32.113185, -703.915297		

Sample ID: BH05B 7' (H261603-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/24/2026	ND	2.21	111	2.00	1.89		
Toluene*	<0.050	0.050	03/24/2026	ND	1.97	98.6	2.00	3.45		
Ethylbenzene*	<0.050	0.050	03/24/2026	ND	1.92	96.2	2.00	4.69		
Total Xylenes*	<0.150	0.150	03/24/2026	ND	5.86	97.6	6.00	4.55		
Total BTEX	<0.300	0.300	03/24/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	03/24/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/24/2026	ND	212	106	200	4.00		
DRO >C10-C28*	<10.0	10.0	03/24/2026	ND	222	111	200	2.36		
EXT DRO >C28-C36	<10.0	10.0	03/24/2026	ND						

Surrogate: 1-Chlorooctane 93.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 88.5 % 39.9-141

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



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Analytical Results For:

ENSOLUM
CHRIS WRIGHT
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/23/2026	Sampling Date:	03/20/2026
Reported:	03/26/2026	Sampling Type:	Soil
Project Name:	PLU 423	Sampling Condition:	Cool & Intact
Project Number:	03C1558813	Sample Received By:	Alyssa Parras
Project Location:	32.113185, -703.915297		

Sample ID: BH07 0.5' (H261603-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2026	ND	2.21	111	2.00	1.89	
Toluene*	<0.050	0.050	03/24/2026	ND	1.97	98.6	2.00	3.45	
Ethylbenzene*	<0.050	0.050	03/24/2026	ND	1.92	96.2	2.00	4.69	
Total Xylenes*	<0.150	0.150	03/24/2026	ND	5.86	97.6	6.00	4.55	
Total BTEX	<0.300	0.300	03/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	03/24/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2026	ND	212	106	200	4.00	
DRO >C10-C28*	<10.0	10.0	03/24/2026	ND	222	111	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	03/24/2026	ND					

Surrogate: 1-Chlorooctane 107 % 52.4-130

Surrogate: 1-Chlorooctadecane 102 % 39.9-141

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Analytical Results For:

ENSOLUM
CHRIS WRIGHT
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/23/2026	Sampling Date:	03/20/2026
Reported:	03/26/2026	Sampling Type:	Soil
Project Name:	PLU 423	Sampling Condition:	Cool & Intact
Project Number:	03C1558813	Sample Received By:	Alyssa Parras
Project Location:	32.113185, -703.915297		

Sample ID: BH07A 3' (H261603-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2026	ND	2.21	111	2.00	1.89	
Toluene*	<0.050	0.050	03/24/2026	ND	1.97	98.6	2.00	3.45	
Ethylbenzene*	<0.050	0.050	03/24/2026	ND	1.92	96.2	2.00	4.69	
Total Xylenes*	<0.150	0.150	03/24/2026	ND	5.86	97.6	6.00	4.55	
Total BTEX	<0.300	0.300	03/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	03/24/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2026	ND	212	106	200	4.00	
DRO >C10-C28*	<10.0	10.0	03/24/2026	ND	222	111	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	03/24/2026	ND					

Surrogate: 1-Chlorooctane 105 % 52.4-130

Surrogate: 1-Chlorooctadecane 99.6 % 39.9-141

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



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Analytical Results For:

ENSOLUM
CHRIS WRIGHT
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/23/2026	Sampling Date:	03/20/2026
Reported:	03/26/2026	Sampling Type:	Soil
Project Name:	PLU 423	Sampling Condition:	Cool & Intact
Project Number:	03C1558813	Sample Received By:	Alyssa Parras
Project Location:	32.113185, -703.915297		

Sample ID: BH07B 7' (H261603-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2026	ND	2.21	111	2.00	1.89	
Toluene*	<0.050	0.050	03/24/2026	ND	1.97	98.6	2.00	3.45	
Ethylbenzene*	<0.050	0.050	03/24/2026	ND	1.92	96.2	2.00	4.69	
Total Xylenes*	<0.150	0.150	03/24/2026	ND	5.86	97.6	6.00	4.55	
Total BTEX	<0.300	0.300	03/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	03/24/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2026	ND	212	106	200	4.00	
DRO >C10-C28*	<10.0	10.0	03/24/2026	ND	222	111	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	03/24/2026	ND					

Surrogate: 1-Chlorooctane 102 % 52.4-130

Surrogate: 1-Chlorooctadecane 97.8 % 39.9-141

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



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Analytical Results For:

ENSOLUM
CHRIS WRIGHT
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/23/2026	Sampling Date:	03/20/2026
Reported:	03/26/2026	Sampling Type:	Soil
Project Name:	PLU 423	Sampling Condition:	Cool & Intact
Project Number:	03C1558813	Sample Received By:	Alyssa Parras
Project Location:	32.113185, -703.915297		

Sample ID: BH06 0.5' (H261603-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2026	ND	2.07	104	2.00	2.27	
Toluene*	<0.050	0.050	03/24/2026	ND	2.08	104	2.00	3.50	
Ethylbenzene*	0.095	0.050	03/24/2026	ND	2.19	109	2.00	3.65	
Total Xylenes*	0.576	0.150	03/24/2026	ND	6.56	109	6.00	3.63	
Total BTEX	0.671	0.300	03/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/24/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2026	ND	212	106	200	4.00	
DRO >C10-C28*	<10.0	10.0	03/24/2026	ND	222	111	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	03/24/2026	ND					

Surrogate: 1-Chlorooctane 108 % 52.4-130

Surrogate: 1-Chlorooctadecane 102 % 39.9-141

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Analytical Results For:

ENSOLUM
CHRIS WRIGHT
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/23/2026	Sampling Date:	03/20/2026
Reported:	03/26/2026	Sampling Type:	Soil
Project Name:	PLU 423	Sampling Condition:	Cool & Intact
Project Number:	03C1558813	Sample Received By:	Alyssa Parras
Project Location:	32.113185, -703.915297		

Sample ID: BH06A 3' (H261603-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2026	ND	2.07	104	2.00	2.27	
Toluene*	<0.050	0.050	03/24/2026	ND	2.08	104	2.00	3.50	
Ethylbenzene*	<0.050	0.050	03/24/2026	ND	2.19	109	2.00	3.65	
Total Xylenes*	<0.150	0.150	03/24/2026	ND	6.56	109	6.00	3.63	
Total BTEX	<0.300	0.300	03/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/24/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2026	ND	212	106	200	4.00	
DRO >C10-C28*	<10.0	10.0	03/24/2026	ND	222	111	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	03/24/2026	ND					

Surrogate: 1-Chlorooctane 95.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 93.8 % 39.9-141

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Analytical Results For:

ENSOLUM
CHRIS WRIGHT
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	03/23/2026	Sampling Date:	03/20/2026
Reported:	03/26/2026	Sampling Type:	Soil
Project Name:	PLU 423	Sampling Condition:	Cool & Intact
Project Number:	03C1558813	Sample Received By:	Alyssa Parras
Project Location:	32.113185, -703.915297		

Sample ID: BH06B 7' (H261603-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2026	ND	2.07	104	2.00	2.27	
Toluene*	<0.050	0.050	03/24/2026	ND	2.08	104	2.00	3.50	
Ethylbenzene*	<0.050	0.050	03/24/2026	ND	2.19	109	2.00	3.65	
Total Xylenes*	<0.150	0.150	03/24/2026	ND	6.56	109	6.00	3.63	
Total BTEX	<0.300	0.300	03/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/24/2026	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2026	ND	191	95.7	200	0.664	
DRO >C10-C28*	<10.0	10.0	03/24/2026	ND	202	101	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	03/24/2026	ND					

Surrogate: 1-Chlorooctane 92.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 92.7 % 39.9-141

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



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Notes and Definitions

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

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 2

Company Name: Ensolum, LLC Project Manager: Chris Metzger Address: 3122 National Parks Hwy City: Carlsbad State: NM Zip: 88220 Phone #: 575.706.1246 Fax #: _____ Project #: 0501558813 Project Owner: XTO Energy, Inc Project Name: PLU 4123 Project Location: 32.13185, 703.915297 Sampler Name: Chris Metzger <small>FOR LAB USE ONLY</small>		BILL TO P.O. #: _____ Company: XTO ENERGY, INC Attn: Dave Maddox Address: 3101 E Green St City: Carlsbad State: NM Zip: 88220 Phone #: _____ Fax #: _____		ANALYSIS REQUEST	
Lab I.D. H191003 1 2 3 4 5 6 7 8 9 10	Sample I.D. BH08 BH08A BH08B BH05 BH05A BH05B BH07 BH07A BH07B BH06	Sample Depth (feet) 0.5 3 7 0.5 3 7 0.5 3 7 0.5	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	DATE TIME BTEX TPH CHLORIDE	CHECKED BY: (Initials) DATE TIME RECEIVED BY:
Relinquished By: [Signature] Date: 3/23/20 Time: 12:00		Received By: [Signature] Date: 3/23/20 Time: 12:00		REMARKS: Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide email address: _____ Turnaround Time: _____ Bacteria (only) Sample Condition: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush Cool Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C: _____	



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 2

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

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum, LLC		P.O. #:																	
Project Manager: Chris Walker		Company: XTO ENERGY, INC																	
Address: 3122 National Parks Hwy		Attn: Dave Morrison																	
City: Carlsbad	State: NM Zip: 88220	Address: 3104 E Green St																	
Phone #: 575-706-6266	Fax #: 575-706-6266	City: Carlsbad																	
Project #: OS01558813	Project Owner: XTO ENERGY, INC	State: NM Zip: 88220																	
Project Name: PLU 4123	State: NM Zip: 88220	Phone #:																	
Project Location: 32-113185, 703-915297	Phone #: 575-706-6266	Fax #:																	
Sampler Name: Chris Walker	FOR LAB USE ONLY																		
Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	BTEX	TPH	CHLORIDE	
11	B106A	3	G	1			✓				✓			3/20/26	1500	✓	✓	✓	
12	B106B	7	G	1										3/20/26	1612	✓	✓	✓	
<i>Chris Walker</i>																			

PLEASE NOTE: Liability and Damages: Cardinal's liability and claims exclude liability for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *Chris Walker* Date: *3-22-26* Time: *1830* Received By: *Chris Walker* Date: *3-22-26* Time: *1830*

Delivered By: (Circle One) Observed Temp. °C: *3.4* Corrected Temp. °C: *3.5* Sample Condition: Cool Intact Yes No Bacteria (only) Sample Condition: Cool Intact Yes No

Sampler - UPS - Bus - Other: Checked By: *CP* Turnaround Time: Standard Rush Bacteria (only) Sample Condition: Cool Intact Yes No Corrected Temp. °C: *3.5*

REMARKS: *100% - 100% - 100%*

Vertical Result: Yes No Add'l Phone #: *505-706-6266*

All Results are emailed. Please provide Email address: *Chris.Walker@ensolum.com*

Thermometer ID: *113* Correction Factor: *0.5*

† Cardinal cannot accept verbal changes. Please email changes to *celey.keene@cardinallabsnm.com*



APPENDIX E

Spill Volume Calculations

Location:	PLU 423 Battery	
Spill Date:	1/15/2026	
Incident #:		
Area 1		
Approximate Area =	10796	sq. ft.
Average Saturation (or depth) of spill =	0.25	inches
Average Porosity Factor =	0.15	
VOLUME OF LEAK		
Total Crude Oil =	6	bbls
Total Produced Water =	54	bbls
VOLUME OF LEAK		
Total Crude Oil =		bbls
Total Produced Water =		bbls
TOTAL VOLUME OF LEAK		
Total Crude Oil =	6	bbls
Total Produced Water =	54	bbls
TOTAL VOLUME RECOVERED		
Total Crude Oil =	6	bbls
Total Produced Water =	49	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 543704

QUESTIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 543704
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2601551224
Incident Name	NAPP2601551224 PLU 423 BATTERY @ I-19-25S-30E
Incident Type	Release Other
Incident Status	Initial C-141 Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	PLU 423 Battery
Date Release Discovered	01/15/2026
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Release Other
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	Cause: Equipment Failure Other (Specify) Crude Oil Released: 6 BBL Recovered: 6 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Other (Specify) Produced Water Released: 54 BBL Recovered: 49 BBL Lost: 5 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)	Gasket ruptured coming off the heater treater

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QUESTIONS, Page 2

Action 543704

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 543704
	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	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEEnvNotifications@exxonmobil.com Date: 01/15/2026
--	--

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QUESTIONS, Page 3

Action 543704

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 543704
	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
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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CONDITIONS

Action 543704

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 543704
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	None	1/16/2026

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State of New Mexico
Energy, Minerals and Natural Resources
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Santa Fe, NM 87505

QUESTIONS

Action 575234

QUESTIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 575234
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2601551224
Incident Name	NAPP2601551224 PLU 423 BATTERY @ I-19-25S-30E
Incident Type	Release Other
Incident Status	Remediation Plan Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	PLU 423 Battery
Date Release Discovered	01/15/2026
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Release Other
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	Cause: Equipment Failure Other (Specify) Crude Oil Released: 6 BBL Recovered: 6 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Other (Specify) Produced Water Released: 54 BBL Recovered: 49 BBL Lost: 5 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)	Gasket ruptured coming off the heater treater

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QUESTIONS, Page 2

Action 575234

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 575234
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEEnvNotifications@exxonmobil.com Date: 04/14/2026
--	--

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QUESTIONS, Page 3

Action 575234

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 575234
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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 500 and 1000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1000 (ft.) and ½ (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)	3820
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	16795
GRO+DRO (EPA SW-846 Method 8015M)	16230
BTEX (EPA SW-846 Method 8021B or 8260B)	387
Benzene (EPA SW-846 Method 8021B or 8260B)	17.9

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	04/27/2026
On what date will (or did) the final sampling or liner inspection occur	03/20/2026
On what date will (or was) the remediation complete(d)	07/14/2026
What is the estimated surface area (in square feet) that will be reclaimed	18743
What is the estimated volume (in cubic yards) that will be reclaimed	800
What is the estimated surface area (in square feet) that will be remediated	10796
What is the estimated volume (in cubic yards) that will be remediated	800

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 575234

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 575234
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)

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

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

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 04/14/2026
--	---

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

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QUESTIONS, Page 5

Action 575234

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 575234
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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 575234

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 575234
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	561955
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/20/2026
What was the (estimated) number of samples that were to be gathered	22
What was the sampling surface area in square feet	10800

Remediation Closure Request

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

Requesting a remediation closure approval with this submission	No
--	-----------

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CONDITIONS

Action 575234

CONDITIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 575234
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. Any area designated as a "Release Extent" or "Release Area" will need to have 5-point composite confirmation soil samples conducted within the entire boundary of that area. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC.	5/8/2026
rhamlet	Floor confirmation samples should be delineated/excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site receptor characterization/proven depth to water determination. Please make sure that the edge of the release extent is accurately defined. If any part of the release goes off-pad or outside the facility, step-out samples are not allowed. Horizontal delineation must come from the actual edge/sidewall of the release area. Sidewall/edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. All off pad areas must meet reclamation standards in the OCD Spill Rule. The work will need to be completed in 90 days after the report has been reviewed.	5/8/2026