

June 18, 2024

New Mexico Energy Minerals and Natural Resources Department 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: Deferral Request
PLU 18 TWR Battery

Incident Number NAPP2400849152

Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum) on behalf of XTO Energy, Inc. (XTO), has prepared this *Deferral Request* to document assessment, delineation, excavation, and soil sampling activities at the PLU 18 TWR Battery (Site). The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following a release of produced water and crude oil. Based on field observations and soil sample laboratory analytical results, XTO is submitting this *Deferral Request*, describing Site assessment, delineation, and excavation activities that have occurred and deferral of final remediation for Incident Number NAPP2400849152 until the Site is reconstructed, and/or the well pad is abandoned.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit E, Section 19, Township 24 South, Range 31 East, in Eddy County, New Mexico (32.20628°, -103.82416°) and is associated with oil and gas exploration and production operations on federal land managed by the Bureau of Land Management (BLM).

On December 23, 2023, corrosion of a valve located on an aboveground pipeline resulted in the release of approximately 7 barrels (bbls) of crude oil and 16 bbls of produced water onto the surface of the well pad and around active production equipment and process piping. A vacuum truck was immediately dispatched to the Site to recover the free-standing fluids; approximately 6 bbls of crude oil and 14 bbls of produced water were recovered. XTO submitted a Form C-141 Application (Form C-141) on January 8, 2024. The release was assigned Incident Number NAPP2400849152.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

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

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on a soil boring drilled for determination of regional groundwater depth. On August 7, 2023, a soil boring permitted by New Mexico Office of the State Engineer (OSE) well C-04759, located approximately 0.4 miles east of the Site was drilled utilizing a drilling rig and air rotary drilling methods. The boring was

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XTO Energy, Inc. Deferral Request PLU 18 TWR Battery

drilled to a total depth of 110 feet bgs. A field geologist logged and described soils continuously. No moisture or groundwater was encountered during drilling activities. The borehole was left open for over 72 hours to allow for the potential slow infill of groundwater. After the 72-hour waiting period without observing groundwater, it was confirmed that groundwater at that location is greater than 110 feet bgs. The borehole was properly abandoned with drill cuttings and hydrated bentonite chips. The Well Record and Log is included in Appendix A. All wells used to evaluate depth to groundwater are presented on Figure 1.

The closest continuously flowing or significant watercourse to the Site is a freshwater emergent wetland, located approximately 4,693 feet north of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area).

Based on the results of the Site Characterization, the following 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

SITE ASSESSMENT ACTIVITIES

On February 21, 2024, Ensolum personnel visited the Site to evaluate the release extent based on information provided on the Form C-141 and visual observations. Seven assessment soil samples (SS01 through SS07) were collected at a depth of 0.5 feet bgs. Assessment soil samples SS01 through SS03 were collected within the release extent and SS04 through SS07 were collected outside the release extent to define the edge of the release. The assessment soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. The release extent and assessment soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation was collected during the site assessment and a photographic log is included in Appendix B.

The assessment soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Eurofins Laboratories (Eurofins) in Carlsbad, New Mexico, for analysis of the following constituents of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

Laboratory analytical results from assessment soil samples SS01 through SS03 indicated TPH concentrations exceeded the Closure Criteria. Chloride concentrations in soil samples SS01 and SS02 and BTEX concentrations in soil sample SS03 also exceeded Site Closure Criteria. Soil samples



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collected outside of the release extent (SS04 through SS07) exhibited COC concentrations in compliance with the Closure Criteria but exceeded reclamation requirement for TPH. Based on visible staining in the release area, and laboratory analytical results, additional delineation and excavation of impacted soil appeared warranted.

DELINEATION AND EXCAVATION ACTIVITIES

Between March 4 and March 18, 2024, Ensolum personnel returned to the Site to oversee delineation and excavation activities. Five potholes (PH01 through PH05) were advanced via backhoe to assess the lateral definition of the release. All potholes were advanced to a depth of 3 feet bgs. Discrete delineation soil samples were collected from each pothole at depths ranging from 0.5 feet to 3 feet bgs. The delineation soil samples were field screened, handled, and submitted for analysis for the same COCs as described above. Field screening results and observations from all potholes were logged on lithologic/soil sampling logs, which are included in Appendix C. All delineation soil sample locations are depicted on Figure 2.

Soil was excavated to the maximum extent possible (MEP) with hand shovels in the release area where impacted soil was identified in soil samples SS01 through SS03. XTO safety policy restricts soil disturbing activities within a 2-foot radius of any on-site, active production equipment. Since the entirety of the release occurred in the area of active production equipment and process piping, only some of the release area could be accessed and the excavation was completed in two separate extents. Following the removal of impacted soil, 5-point composite confirmation soil samples were collected every 200 square feet from the floor and sidewalls of the excavation. Three floor confirmation soil samples (FS01 through FS03) were collected at a depth of 2 feet bgs and two sidewall confirmation soil samples (SW01 through SW02) were collected from the sidewalls of the excavation at depths ranging from ground surface to 2 feet bgs. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thouroughly mixing. Confirmation soil samples were handled in the same manner as described above. The soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, for analysis of the same COC listed above but chlorides were analyized following EPA Method SM4500. All floor and sidewall excavation confirmation soil sample locations were mapped using a GPS unit and are depicted on Figure 3.

The final excavation extent, including both excavated areas, measured approximately 340 square feet. A total of approximately 30 cubic yards of impacted soil was removed during excavation activities and was properly disposed of at the R360 Landfill Facility in Hobbs, New Mexico.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for delineation soil samples PH01 though PH05 and all excavation confirmation soil samples collected were in compliance with Closure Criteria and reclamation standards. Laboratory analytical results are summarized on Table 1, and the complete laboratory analytical reports are included in Appendix D.

DEFFERAL REQUEST

XTO is requesting deferral of final remediation due to the presence of active production equipment and process piping preventing full excavation of impacted soil. The estimated area of remaining impacted soil measures an area of 510 square feet, and a total of approximately 40 cubic yards of impacted soil remains in place, assuming a depth of 2 feet bgs based on confirmation soil sample laboratory analytical results. The impacted soil is limited to the area beneath active production equipment and surface piping where remediation would require major facility deconstruction. The release is vertically defined by



XTO Energy, Inc. Deferral Request PLU 18 TWR Battery

confirmation floor soil samples FS01 through FS03. Horizontal definition to Closure Criteria has been achieved through delineation soil samples SS04 through SS07 collected as close to the edge of the release as possible, but not within 2 feet of active production equipment.

Additionally, the release is delineated to the reclamation requirement by delineation potholes PH01 through PH05. The area that represents COC concentrations in soil that exceed the reclamation requirement, the area to be reclaimed, is approximately 8,750 square feet. An estimated 650 cubic yards of soil will need to be removed following abandonment of the facility, assuming a vertical delineation at 2 feet bgs based on confirmation and delineation soil sample laboratory analytical results.

All delineation and excavation soil samples used to define the deferral area and areas to be reclaimed are depicted on Figure 4. The excavation is scheduled to be backfilled the week of June, 24, 2024 with material purchased locally and the area will be re-contoured to match pre-existing conditions.

XTO does not believe deferment will result in imminent risk to human health, the environment, or groundwater. Depth to groundwater was determined to be greater than 100 feet, and the entirety of the release remained on pad. Based on the presence of active production equipment and process piping within the release area and the complete lateral and vertical definition of impacted soil remaining in place, XTO requests deferral of final remediation for Incident Number NAPP2400849152 until final reclamation of the well pad or major construction, whichever comes first.

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

Sincerely, **Ensolum, LLC**

Tracy Hillard Project Manager Ashley L. Ager, MS, PG

Principal

cc: Amy Ruth, XTO

Amanda Garcia, XTO

BLM

Appendices:

Figure 1 Site Receptor Map

Figure 2 Delineation Soil Sample Locations
Figure 3 Confirmation Soil Sample Locations

Figure 4 Deferral Area Map

Table 1 Soil Sample Analytical Results
Appendix A Referenced Well Records

Appendix B Photographic Log

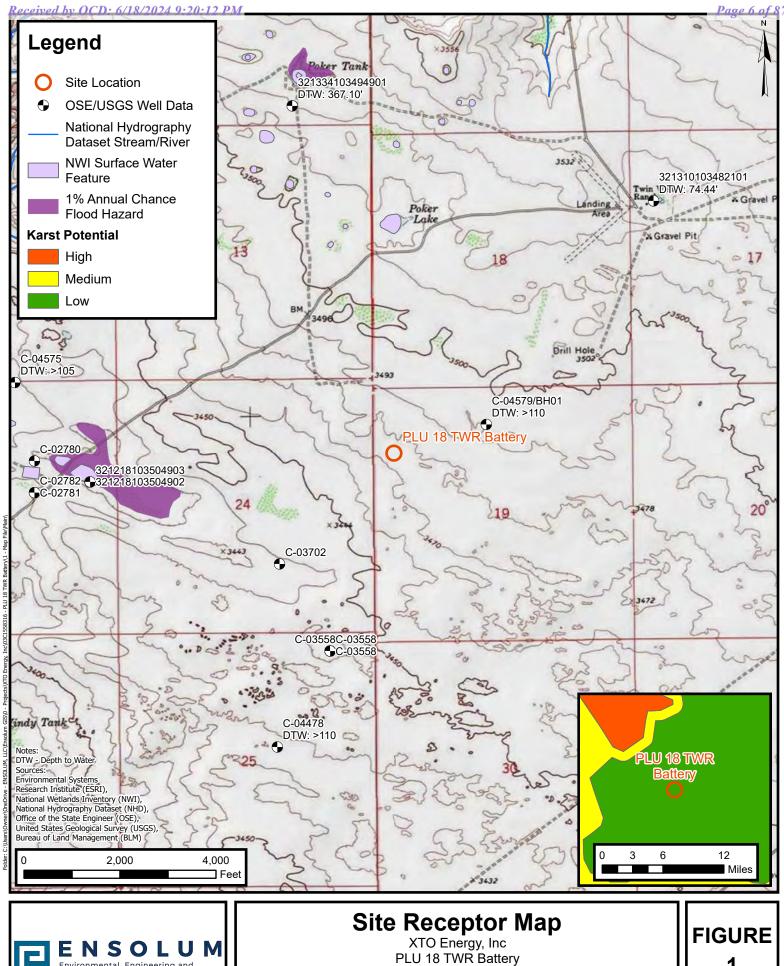
Appendix C Lithologic / Soil Sampling Logs

Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation





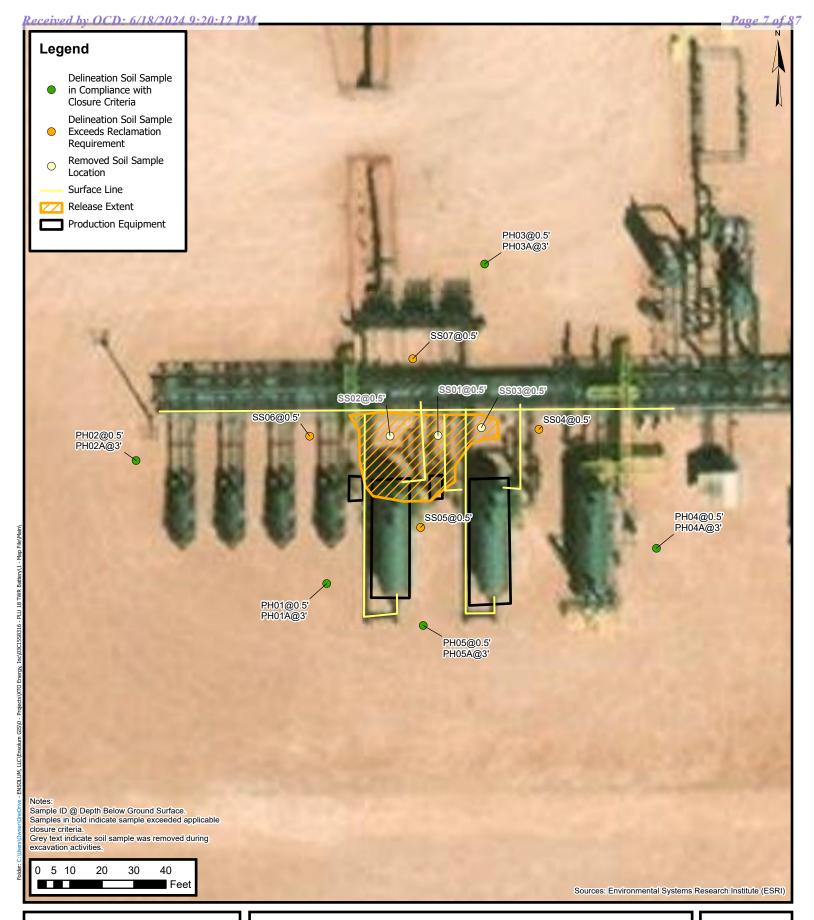
FIGURES



Environmental, Engineering and Hydrogeologic Consultants

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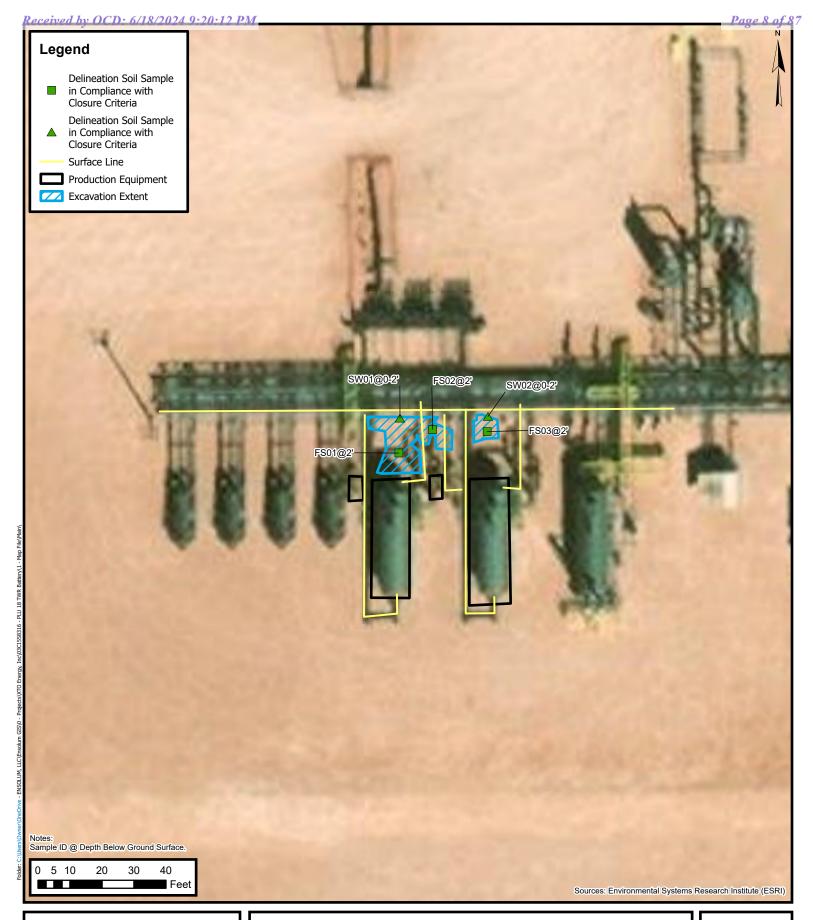
Incident Number: nAPP2400849152 Unit E, Sec 19, T24S, R31E Eddy County, New Mexico





Delineation Soil Sample Locations

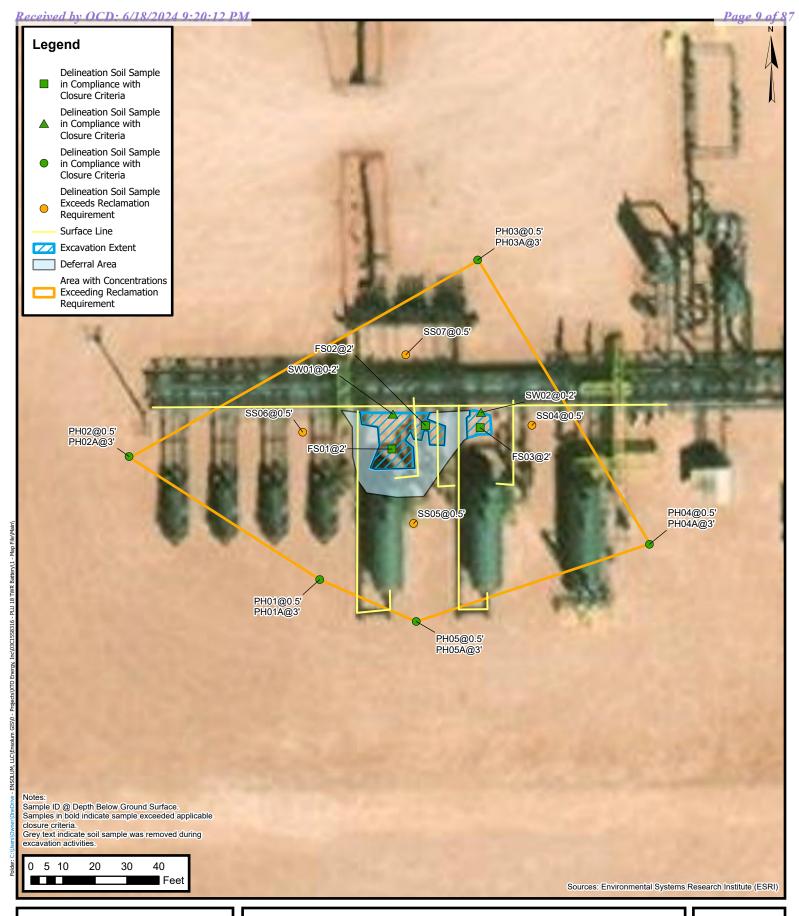
XTO Energy, Inc PLU 18 TWR Battery Incident Number: nAPP2400849152 Unit E, Sec 19, T24S, R31E Eddy County, New Mexico FIGURE 2





Confirmation Soil Sample Locations

XTO Energy, Inc PLU 18 TWR Battery Incident Number: nAPP2400849152 Unit E, Sec 19, T24S, R31E Eddy County, New Mexico FIGURE 3





Deferral Area Map

XTO Energy, Inc PLU 18 TWR Battery Incident Number: nAPP2400849152 Unit E, Sec 19, T24S, R31E Eddy County, New Mexico FIGURE 4



TABLES



TABLE 1 **SOIL SAMPLE ANALYTICAL RESULTS** PLU 18 TWR 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 C	Closure Criteria (NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
				Asse	ssment Soil Sa	mples				
SS01	02/21/2024	0.5	<0.00200	0.376	324	9,680	262	10,000	10,300	38,700
\$\$02	02/21/2024	0.5	<0.0495	10.5	1,020	11,200	272	12,200	12,500	28,900
SS03	02/21/2024	0.5	0.150	96.8	797	44,000	305	44,800	45,100	205
SS04	02/21/2024	0.5	<0.00202	<0.00404	76.3	641	53.6	717	771	94.7
SS05	02/21/2024	0.5	<0.00200	0.0908	<49.7	244	<49.7	244	244	414
SS06	02/21/2024	0.5	<0.00198	0.0123	<49.8	124	<49.8	124	124	165
SS07	02/21/2024	0.5	<0.00200	0.0115	<49.9	108	<49.9	108	108	129
				Delir	neation Soil Sai	nples				
PH01	03/18/2024	0.5	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
PH01A	03/18/2024	3	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
PH02	03/18/2024	0.5	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
PH02A	03/18/2024	3	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
PH03	03/18/2024	0.5	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
PH03A	03/18/2024	3	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
PH04	03/18/2024	0.5	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
PH04A	03/18/2024	3	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
PH05	03/18/2024	0.5	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
PH05A	03/18/2024	3	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
				Confi	rmation Soil Sa	ımples				
FS01	03/18/2024	2	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	512
FS02	03/18/2024	2	<0.050	<0.300	<10.0	44.6	<10.0	<10.0	44.6	96.0
FS03	03/18/2024	2	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
SW01	03/18/2024	0-2	< 0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SW02	03/18/2024	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0

Notes:

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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

										Sample Name: C-04759 (BH01)	Date: 8/7/2023			
1	7								B. 4		1			
					V	3	0 1	LU	IV	Incident Number: nAPP22305519				
										Job Number: 03C1558144				
			LITHO	DLO	GIC	/ SOIL	SAMPLING	LOG		Logged By: M. O'Dell	Method: Air Rotary			
Coord	linate					.817942				Hole Diameter: 7"	Total Depth: 110'			
Comn	nents	: No	field s	cree	ening	or sampl	ing was cond	lucted at the	e site.					
Moisture	Chloride	(mdd)	Vapor	(hphili)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Des	scriptions			
							I - -	[0 - -	SP	0-10'. Sand w/ trace caliche fine to fine grained, subrou poorly graded, dry.	. Reddish brown, very nded to subangular,			
10 CCHI							- - - -	<u>-</u>	CCHE	10-40'.Caliche w/ sand. Light very fine to fine grained, su subangular, poorly graded,	brounded to			
30							- - - -							
	40 SP					- - - -	SP	40-100'. Sand w/ trace caliche. Reddish brown, very fine to fine grained, subrounded to subangular grains, poorly graded, dry.						
							- - -	50 -		50': Injecting/adding water	& soap at 50'			
							- - -	60						
							- - -	70 -						
							- - -	80 						
							- - -	90 -						
							- - -	100	SC	100-110'. Clavey sand, redd very fine to fine grained, po				
							- -	110		110': stopped drilling and se	et casing at 110'.			
								TD (@ 110' k	ogs.				



APPENDIX B

Photographic Log



Photographic Log

XTO Energy, Inc PLU 18 TWR Battery nAPP2400849152





Photograph: 1 Date: 2/21/2024

Description: Soil staining in release footprint

View: Northeast

Photograph: 2 Date: 2/21/2024

Description: Soil staining in release footprint

View: East





Photograph: 3 Date: 3/4/2024

Description: Excavation activities

View: Northeast

Photograph: 4 Date: 3/18/2024

Description: Delineation activites

View: Northwest



Photographic Log

XTO Energy, Inc PLU 18 TWR Battery nAPP2400849152





Photograph: 5 Date: 3/18/2024

Description: Final excavation extent

View: Northeast

Photograph: 6 Date: 3/18/2024

Description: Final excavation extent

View: South





Photograph: 7 Date: 3/18/2024

Description: Final excavation extent

View: Northeast

Photograph: 8 Date: 3/18/2024

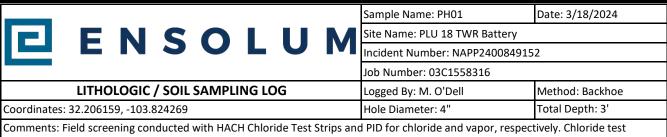
Description: Final excavation extent

View: North



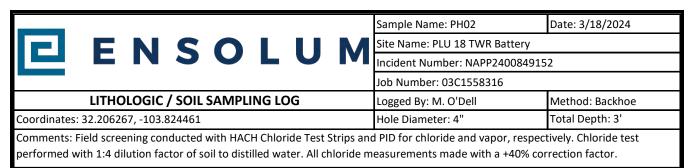
APPENDIX C

Lithologic Soil Sampling Logs

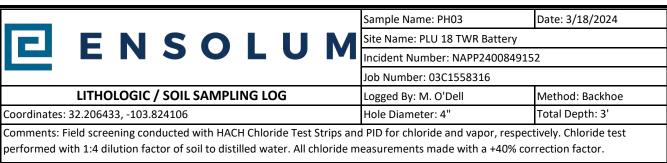


performed with 1:4 dilution factor of soil to distilled water. All chloride measurements made with a +40% correction factor.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
					1	0		
D	<162.4	0.0	N	PH01	0.5'	-	CCHE	CCHE. Pad material
D	<162.4	0.0	N		1 _	_ 1	SP	Reddish brown sand, very fine to fine grained, poorly graded, dry, no odor.
D	<162.4	0.0	N		2 _	2		
D	<162.4	0.0	Ν	PH01A	3	3		



Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
		·				0		
D	<162.4	0.0	N	PH02	0.5'	- -	SP	Reddish brown sand, very fine to fine grained, poorly graded, dry, no odor, trace CCHE.
D	<162.4	0.0	N		1 _	_ 1		no CCHE.
D	<162.4	0.0	N		2 2	- - - 2 -		
D	<162.4	0.0	N	PH02A	3	3		



Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
						0		
D	<162.4	0.0	N	PH03	0.5'	- -	CCHE	Caliche. Pad material
D	<162.4	0.0	N		1 _	_ 1	SP	Reddish brown sand, very fine to fine grained, poorly graded, dry, no odor, trace CCHE.
D	<162.4	0.0	N		2 _	2 2		
D	<162.4	0.0	N	PH03A	3 _	3		

D

<162.4

<162.4

0.0

0.0

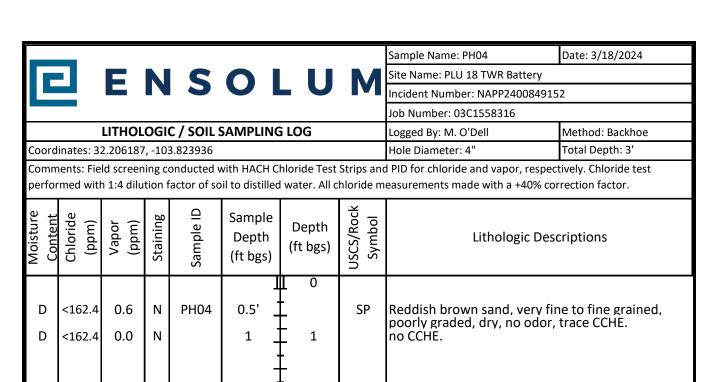
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Ν

PH04A

2

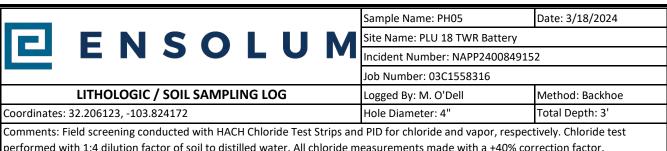
3



Total Depth @ 3' bgs.

2

3



performed with 1:4 dilution factor of soil to distilled water. All chloride measurements made with a +40% correction factor.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
		·				0		
D	<162.4	0.0	N	PH05	0.5'	-	SP	Reddish brown sand, very fine to fine grained, poorly graded, dry, no odor.
D	<162.4	0.0	N		1	1		poorry graded, dry, no oddr.
D	<162.4	0.0	N		2 _	- - - 2 -		
D	<162.4	0.0	N	PH05A	3	3		



APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Tacoma Morrissey Ensolum 601 N. Marienfeld St. Suite 400 Midland, Texas 79701

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JOB DESCRIPTION

PLU 18 TWR BATTERY 03C1558316

JOB NUMBER

890-6235-1

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

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Authorized for release by Jessica Kramer, Project Manager <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440 2

3

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Q Q

4.0

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12

14

Client: Ensolum
Project/Site: PLU 18 TWR BATTERY
Laboratory Job ID: 890-6235-1
SDG: 03C1558316

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Definitions/Glossary

Job ID: 890-6235-1 Client: Ensolum Project/Site: PLU 18 TWR BATTERY SDG: 03C1558316

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC Qualifier

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

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

¤ Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery CFL Contains Free Liquid CFU Colony Forming Unit Contains No Free Liquid **CNF**

Duplicate Error Ratio (normalized absolute difference) DER

Dil Fac **Dilution Factor**

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) Limit of Quantitation (DoD/DOE) LOQ

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 MOI Method Quantitation Limit

NC Not Calculated

Not Detected at the reporting limit (or MDL or EDL if shown) ND

NEG Negative / Absent POS Positive / Present

Practical Quantitation Limit PQL

PRES Presumptive **Quality Control** QC

Relative Error Ratio (Radiochemistry) **RER**

Reporting Limit or Requested Limit (Radiochemistry) RL

RPD Relative Percent Difference, a measure of the relative difference between two points

Toxicity Equivalent Factor (Dioxin) TEF Toxicity Equivalent Quotient (Dioxin) **TEQ**

TNTC Too Numerous To Count

Eurofins Carlsbad

Case Narrative

Client: Ensolum Job ID: 890-6235-1

Project: PLU 18 TWR BATTERY

Job ID: 890-6235-1 **Eurofins Carlsbad**

Job Narrative 890-6235-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 2/21/2024 11:50 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 0.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-6235-1), SS 02 (890-6235-2), SS 03 (890-6235-3), SS 04 (890-6235-4), SS 05 (890-6235-5), SS 06 (890-6235-6) and SS 07 (890-6235-7).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-74049 and analytical batch 880-74123 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 02 (890-6235-2) and SS 03 (890-6235-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-74123 recovered above the upper control limit for Toluene and Ethylbenzene. An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is impacted: (CCV 880-74123/20).

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 02 (890-6235-2) and SS 03 (890-6235-3). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (LCS 880-74062/1-A), (880-24332-A-2 MDLV) and (880-24332-A-3 MB). Evidence of matrix interferences is not obvious.

Method 8021B: The method blank for analytical batch 880-74231 contained Toluene and m-Xylene & p-Xylene above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8021B: Spike compounds were inadvertently omitted during the extraction process for the matrix spike duplicate (MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-74062 and analytical batch 880-74231. The associated laboratory control sample (LCS) met acceptance criteria.

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

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-73922 and analytical batch 880-74120 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 01 (890-6235-1), SS 02 (890-6235-2), SS 03 (890-6235-3), SS 04 (890-6235-4), SS 05 (890-6235-5), SS 06 (890-6235-6) and SS 07 (890-6235-7). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD NM: Batch preparation batch 880-73922 and analytical batch 880-74120 is reported without a matrix spike/matrix spike duplicate (MS/MSD). The batch MS/MSD was originally performed on another client's sample, and this test was

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Case Narrative

Client: Ensolum Job ID: 890-6235-1

Project: PLU 18 TWR BATTERY

Job ID: 890-6235-1 (Continued)

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canceled at client request. This MS/MSD result does not have immediate bearing on any samples except for the actual sample spiked. The associated laboratory control sample (LCS) met acceptance criteria and provides long-term precision and accuracy for this batch.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-74367 and analytical batch 880-74322 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 01 (890-6235-1), SS 02 (890-6235-2), SS 03 (890-6235-3) and (880-40091-A-1-C MSD). Evidence of matrix interference is present; therefore, reextraction and/or re-analysis was not performed.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-74322 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is impacted: (CCV 880-74322/58).

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 03 (890-6235-3). 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

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

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4.0

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Lab Sample ID: 890-6235-1

Job ID: 890-6235-1

Client: Ensolum Project/Site: PLU 18 TWR BATTERY SDG: 03C1558316

Client Sample ID: SS 01

Date Collected: 02/21/24 08:35 Date Received: 02/21/24 11:50

Sample Depth: 0.5'

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/26/24 13:52	02/28/24 03:44	1
Toluene	0.0119		0.00200	mg/Kg		02/26/24 13:52	02/28/24 03:44	1
Ethylbenzene	0.0133		0.00200	mg/Kg		02/26/24 13:52	02/28/24 03:44	1
m-Xylene & p-Xylene	0.234		0.00399	mg/Kg		02/26/24 13:52	02/28/24 03:44	1
o-Xylene	0.117		0.00200	mg/Kg		02/26/24 13:52	02/28/24 03:44	1
Xylenes, Total	0.351		0.00399	mg/Kg		02/26/24 13:52	02/28/24 03:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130			02/26/24 13:52	02/28/24 03:44	1
1,4-Difluorobenzene (Surr)	79		70 - 130			02/26/24 13:52	02/28/24 03:44	1
Method: TAL SOP Total BTEX -	Total BTEX Cald	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.376		0.00399	mg/Kg			02/28/24 03:44	1
Method: SW846 8015 NM - Dies	el Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	10300		252	mg/Kg			03/01/24 00:56	1
Method: SW846 8015B NM - Die	sel Range Orga	nics (DRO)	(GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	324		50.1	mg/Kg		02/23/24 11:52	02/28/24 02:58	1
Diesel Range Organics (Over	9680		252	mg/Kg		02/29/24 12:42	03/01/24 00:56	5
C10-C28) Oll Range Organics (Over C28-C36)	262		50.1	mg/Kg		02/23/24 11:52	02/28/24 02:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	168	S1+	70 - 130			02/23/24 11:52	02/28/24 02:58	1
o-Terphenyl	173	S1+	70 - 130			02/23/24 11:52	02/28/24 02:58	1
Method: EPA 300.0 - Anions, Ior	n Chromatograp	hy - Solubl	e					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: SS 02 Lab Sample ID: 890-6235-2 Matrix: Solid

Date Collected: 02/21/24 08:40 Date Received: 02/21/24 11:50

Sample Depth: 0.5'

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0495	U	0.0495	mg/Kg		02/26/24 13:52	02/28/24 05:06	25
Toluene	0.641		0.0495	mg/Kg		02/26/24 13:52	02/28/24 05:06	25
Ethylbenzene	0.567		0.0495	mg/Kg		02/26/24 13:52	02/28/24 05:06	25
m-Xylene & p-Xylene	6.58		0.0990	mg/Kg		02/26/24 13:52	02/28/24 05:06	25
o-Xylene	2.75		0.0495	mg/Kg		02/26/24 13:52	02/28/24 05:06	25
Xylenes, Total	9.33		0.0990	mg/Kg		02/26/24 13:52	02/28/24 05:06	25

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Lab Sample ID: 890-6235-2

Job ID: 890-6235-1

Client: Ensolum Project/Site: PLU 18 TWR BATTERY SDG: 03C1558316

Client Sample ID: SS 02

Date Collected: 02/21/24 08:40 Date Received: 02/21/24 11:50

Sample Depth: 0.5'

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109	70 - 130	02/26/24 13:52	02/28/24 05:06	25
1,4-Difluorobenzene (Surr)	54 S1-	70 - 130	02/26/24 13:52	02/28/24 05:06	25

Method: TAL SOP Total BTEX - To	tal BTEX Calculatio	on					
Analyte	Result Qualifi	ier RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.5	0.0990	mg/Kg			02/28/24 05:06	1

Method: SW846 8015 NM - Diesel F	Range Organics (DRO) (GC	;)					
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	12500	251	mg/Kg			03/01/24 01:38	1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1020		50.4	mg/Kg		02/23/24 11:52	02/28/24 03:19	1
Diesel Range Organics (Over C10-C28)	11200		251	mg/Kg		02/29/24 12:42	03/01/24 01:38	5
Oll Range Organics (Over C28-C36)	272		50.4	mg/Kg		02/23/24 11:52	02/28/24 03:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepare	d Analyzed	Dil Fac
1-Chlorooctane	205	S1+	70 - 130	02/23/24 1	1:52 02/28/24 03:19	1
o-Terphenyl	187	S1+	70 - 130	02/23/24 1	1:52 02/28/24 03:19	1

Method: EPA 300.0 - Anions, ion C	nromatograpny - Soluble						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28900	249	mg/Kg			02/25/24 18:16	50

Lab Sample ID: 890-6235-3 Client Sample ID: SS 03 Date Collected: 02/21/24 08:45 **Matrix: Solid**

Date Received: 02/21/24 11:50

Sample Depth: 0.5'

Total BTEX

Released to Imaging: 6/27/2024 7:51:47 AM

			Unit	D	Prepared	Analyzed	Dil Fac
0.150		0.0502	mg/Kg		02/26/24 13:52	02/28/24 05:26	25
5.13		0.0502	mg/Kg		02/26/24 13:52	02/28/24 05:26	25
2.66		0.0502	mg/Kg		02/26/24 13:52	02/28/24 05:26	25
74.9		0.398	mg/Kg		02/26/24 14:15	02/29/24 11:37	100
14.0		0.199	mg/Kg		02/26/24 14:15	02/29/24 11:37	100
88.9		0.398	mg/Kg		02/26/24 14:15	02/29/24 11:37	100
%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
245	S1+	70 - 130			02/26/24 13:52	02/28/24 05:26	25
75		70 - 130			02/26/24 13:52	02/28/24 05:26	25
	2.66 74.9 14.0 88.9 %Recovery	2.66 74.9 14.0 88.9 %Recovery Qualifier 245 S1+	2.66 0.0502 74.9 0.398 14.0 0.199 88.9 0.398 %Recovery Qualifier Limits 245 \$1+ 70 - 130	2.66 0.0502 mg/Kg 74.9 0.398 mg/Kg 14.0 0.199 mg/Kg 88.9 0.398 mg/Kg %Recovery Qualifier Limits 245 S1+ 70 - 130	2.66 0.0502 mg/Kg 74.9 0.398 mg/Kg 14.0 0.199 mg/Kg 88.9 0.398 mg/Kg %Recovery Qualifier Limits 245 S1+ 70 - 130	2.66 0.0502 mg/Kg 02/26/24 13:52 74.9 0.398 mg/Kg 02/26/24 14:15 14.0 0.199 mg/Kg 02/26/24 14:15 88.9 0.398 mg/Kg 02/26/24 14:15 %Recovery Qualifier Limits Prepared 245 S1+ 70 - 130 02/26/24 13:52	2.66 0.0502 mg/Kg 02/26/24 13:52 02/28/24 05:26 74.9 0.398 mg/Kg 02/26/24 14:15 02/29/24 11:37 14.0 0.199 mg/Kg 02/26/24 14:15 02/29/24 11:37 88.9 0.398 mg/Kg 02/26/24 14:15 02/29/24 11:37 %Recovery Qualifier Limits Prepared Analyzed 245 S1+ 70 - 130 02/26/24 13:52 02/28/24 05:26

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02/29/24 11:37

0.398

mg/Kg

96.8

Lab Sample ID: 890-6235-3

Job ID: 890-6235-1

Client: Ensolum Project/Site: PLU 18 TWR BATTERY SDG: 03C1558316

Client Sample ID: SS 03

Date Collected: 02/21/24 08:45 Date Received: 02/21/24 11:50

Sample Depth: 0.5'

Method: SW846 8015 NM - Diesel F	Range Organics (DRO) (GC)					
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	45100	997	mg/Kg			03/04/24 00:08	1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	797		50.5	mg/Kg		02/23/24 11:52	02/28/24 03:41	1
Diesel Range Organics (Over C10-C28)	44000		997	mg/Kg		03/03/24 00:24	03/04/24 00:08	20
Oll Range Organics (Over C28-C36)	305		50.5	mg/Kg		02/23/24 11:52	02/28/24 03:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	143	S1+	70 - 130			02/23/24 11:52	02/28/24 03:41	1
o-Terphenyl	126		70 - 130			02/23/24 11:52	02/28/24 03:41	1

Method: EPA 300.0 - Anions, Ion Ch	nromatography - Soluble						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	205	5.00	mg/Kg			02/25/24 18:21	1

Client Sample ID: SS 04 Lab Sample ID: 890-6235-4 **Matrix: Solid**

Date Collected: 02/21/24 08:50 Date Received: 02/21/24 11:50

Method: SW846 8021B - Volat	•	•						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		02/26/24 13:52	02/28/24 04:04	1
Toluene	<0.00202	U	0.00202	mg/Kg		02/26/24 13:52	02/28/24 04:04	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		02/26/24 13:52	02/28/24 04:04	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		02/26/24 13:52	02/28/24 04:04	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		02/26/24 13:52	02/28/24 04:04	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		02/26/24 13:52	02/28/24 04:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130			02/26/24 13:52	02/28/24 04:04	1
1,4-Difluorobenzene (Surr)	97		70 - 130			02/26/24 13:52	02/28/24 04:04	1
Method: TAL SOP Total BTEX	- Total BTEX Cald	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			02/28/24 04:04	1

Method: SW846 8015 NM - Diesel F	Range Organi	ics (DRO) (0	GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	771		50.4	mg/Kg			02/28/24 04:03	1

Method: SW846 8015B NM - Dies	el Range Organics (DRO)) (GC)					
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	76.3	50.4	mg/Kg		02/23/24 11:52	02/28/24 04:03	1
(GRO)-C6-C10							
Diesel Range Organics (Over	641	50.4	mg/Kg		02/23/24 11:52	02/28/24 04:03	1
C10-C28)							

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3/4/2024

Job ID: 890-6235-1

Client: Ensolum Project/Site: PLU 18 TWR BATTERY SDG: 03C1558316

Client Sample ID: SS 04 Lab Sample ID: 890-6235-4 Date Collected: 02/21/24 08:50 **Matrix: Solid**

Date Received: 02/21/24 11:50 Sample Depth: 0.5'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over	53.6		50.4	mg/Kg		02/23/24 11:52	02/28/24 04:03	1
C28-C36)								

Surrogate %Recovery Qualifier

Prepared Analyzed Dil Fac 1-Chlorooctane S1+ 70 - 130 02/23/24 11:52 02/28/24 04:03 137 o-Terphenyl 143 S1+ 70 - 130 02/23/24 11:52 02/28/24 04:03

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Result Qualifier RL Unit Prepared Analyzed Dil Fac Chloride 94.7 4.97 mg/Kg 02/25/24 18:35

Client Sample ID: SS 05 Lab Sample ID: 890-6235-5

Date Collected: 02/21/24 08:55 Matrix: Solid

Date Received: 02/21/24 11:50 Sample Depth: 0.5'

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/26/24 13:52	02/28/24 04:25	1
Toluene	0.0177		0.00200	mg/Kg		02/26/24 13:52	02/28/24 04:25	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/26/24 13:52	02/28/24 04:25	1
m-Xylene & p-Xylene	0.0581		0.00399	mg/Kg		02/26/24 13:52	02/28/24 04:25	1
o-Xylene	0.0150		0.00200	mg/Kg		02/26/24 13:52	02/28/24 04:25	1
Xylenes, Total	0.0731		0.00399	mg/Kg		02/26/24 13:52	02/28/24 04:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	02/26/24 13:52	02/28/24 04:25	1
1,4-Difluorobenzene (Surr)	100		70 - 130	02/26/24 13:52	02/28/24 04:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation Analyte Result Qualifier Unit Prepared Analyzed Dil Fac

l	lotal BIEX	0.0908	0.00399	mg/Kg	02/28/24 04:25	ı
-	_					
	Method: SW846 8015 NM - Diesel Range	Organics (DRO) (GC)				

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	244	49.7	mg/Kg			02/28/24 04:24	1

Method: SW846 8015B NM - Diesel	Range Orga	nics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.7	U	49.7	mg/Kg		02/23/24 11:52	02/28/24 04:24	1

(GRO)-C6-C10 49.7 02/23/24 11:52 02/28/24 04:24 **Diesel Range Organics (Over** 244 mg/Kg C10-C28) Oll Range Organics (Over C28-C36) <49.7 U 49.7 02/23/24 11:52 02/28/24 04:24 mg/Kg

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	139	S1+	70 - 130	02/23/24 11:52	02/28/24 04:24	1
o-Terphenyl	147	S1+	70 - 130	02/23/24 11:52	02/28/24 04:24	1

Method: EPA 300.0 - Anions, Ion Cl	hromatograp	hy - Soluble)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	414		4.96	mg/Kg			02/25/24 18:40	1

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Lab Sample ID: 890-6235-6

Client Sample Results

Client: Ensolum Job ID: 890-6235-1
Project/Site: PLU 18 TWR BATTERY SDG: 03C1558316

Client Sample ID: SS 06

Date Collected: 02/21/24 09:10 Date Received: 02/21/24 11:50

Sample Depth: 0.5'

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		02/26/24 13:52	02/28/24 04:45	1
Toluene	0.00208		0.00198	mg/Kg		02/26/24 13:52	02/28/24 04:45	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		02/26/24 13:52	02/28/24 04:45	1
m-Xylene & p-Xylene	0.00639		0.00396	mg/Kg		02/26/24 13:52	02/28/24 04:45	1
o-Xylene	0.00379		0.00198	mg/Kg		02/26/24 13:52	02/28/24 04:45	1
Xylenes, Total	0.0102		0.00396	mg/Kg		02/26/24 13:52	02/28/24 04:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130			02/26/24 13:52	02/28/24 04:45	1
1,4-Difluorobenzene (Surr)	97		70 - 130			02/26/24 13:52	02/28/24 04:45	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0123		0.00396	mg/Kg			02/28/24 04:45	1
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	124		49.8	mg/Kg			02/28/24 04:46	1
Method: SW846 8015B NM - Die:	sel Range Orga	nics (DRO)	(GC)					
Analyte	• •	Qualifier	RL	Unit	D	Prepared	Analyzed	
Gasoline Range Organics							Allalyzeu	Dil Fac
	<49.8	U	49.8	mg/Kg		02/23/24 11:52	02/28/24 04:46	
(GRO)-C6-C10	<49.8	U	49.8	mg/Kg		02/23/24 11:52		
Diesel Range Organics (Over	<49.8 124	U	49.8	mg/Kg		02/23/24 11:52 02/23/24 11:52		1
Diesel Range Organics (Over C10-C28)	124		49.8	mg/Kg		02/23/24 11:52	02/28/24 04:46	1
Diesel Range Organics (Over							02/28/24 04:46	1
Diesel Range Organics (Over C10-C28)	124 <49.8 	U	49.8 49.8 Limits	mg/Kg		02/23/24 11:52 02/23/24 11:52 Prepared	02/28/24 04:46	1
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	124 <49.8	U	49.8 49.8	mg/Kg		02/23/24 11:52 02/23/24 11:52	02/28/24 04:46 02/28/24 04:46 02/28/24 04:46	1 1 1 Dil Fac
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	124 <49.8 	U	49.8 49.8 Limits	mg/Kg		02/23/24 11:52 02/23/24 11:52 Prepared	02/28/24 04:46 02/28/24 04:46 02/28/24 04:46 Analyzed	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	124 <49.8 	U Qualifier S1+	49.8 49.8 Limits 70 - 130 70 - 130	mg/Kg		02/23/24 11:52 02/23/24 11:52 Prepared 02/23/24 11:52	02/28/24 04:46 02/28/24 04:46 02/28/24 04:46 Analyzed 02/28/24 04:46	Dil Fac
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	124 <49.8 **Recovery 122 132 Chromatograp	U Qualifier S1+	49.8 49.8 Limits 70 - 130 70 - 130	mg/Kg	D	02/23/24 11:52 02/23/24 11:52 Prepared 02/23/24 11:52	02/28/24 04:46 02/28/24 04:46 02/28/24 04:46 Analyzed 02/28/24 04:46	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Client Sample ID: SS 07

Date Collected: 02/21/24 09:05 Date Received: 02/21/24 11:50

Sample Depth: 0.5'

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/26/24 13:52	02/28/24 07:16	1
Toluene	0.00288		0.00200	mg/Kg		02/26/24 13:52	02/28/24 07:16	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/26/24 13:52	02/28/24 07:16	1
m-Xylene & p-Xylene	0.00579		0.00400	mg/Kg		02/26/24 13:52	02/28/24 07:16	1
o-Xylene	0.00284		0.00200	mg/Kg		02/26/24 13:52	02/28/24 07:16	1
Xylenes, Total	0.00863		0.00400	mg/Kg		02/26/24 13:52	02/28/24 07:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130			02/26/24 13:52	02/28/24 07:16	

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Lab Sample ID: 890-6235-7

Matrix: Solid

Client Sample Results

Client: Ensolum Job ID: 890-6235-1
Project/Site: PLU 18 TWR BATTERY SDG: 03C1558316

Client Sample ID: SS 07 Lab Sample ID: 890-6235-7

Date Collected: 02/21/24 09:05
Date Received: 02/21/24 11:50
Matrix: Solid

Sample Depth: 0.5'

Chloride

Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	105		70 - 130			02/26/24 13:52	02/28/24 07:16	1
Method: TAL SOP Total BTEX - T	otal BTEX Cald	ulation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0115		0.00400	mg/Kg			02/28/24 07:16	1
Method: SW846 8015 NM - Diese	I Range Organi	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	108		49.9	mg/Kg			02/28/24 05:07	1
Analyte	Result	Qualifier	RL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Method: SW846 8015B NM - Dies				Unit	D	Prenared	Analyzed	Dil Fac
Gasoline Range Organics GRO)-C6-C10	<49.9	U	49.9	mg/Kg		02/23/24 11:52	02/28/24 05:07	ī
Diesel Range Organics (Over	108		49.9	mg/Kg		02/23/24 11:52	02/28/24 05:07	1
C10-C28)								
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		02/23/24 11:52	02/28/24 05:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
I-Chlorooctane	133	S1+	70 - 130			02/23/24 11:52	02/28/24 05:07	1
p-Terphenyl	144	S1+	70 - 130			02/23/24 11:52	02/28/24 05:07	-

4.99

mg/Kg

129

02/25/24 18:49

Surrogate Summary

Client: Ensolum Job ID: 890-6235-1 Project/Site: PLU 18 TWR BATTERY SDG: 03C1558316

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-24332-A-3 MB	Method Blank	128	214 S1+
890-6233-A-1-C MS	Matrix Spike	124	100
890-6233-A-1-D MSD	Matrix Spike Duplicate	108	102
890-6235-1	SS 01	120	79
890-6235-2	SS 02	109	54 S1-
890-6235-3	SS 03	245 S1+	75
890-6235-4	SS 04	112	97
890-6235-5	SS 05	116	100
890-6235-6	SS 06	122	97
890-6235-7	SS 07	92	105
890-6254-A-1-B MS	Matrix Spike	112	92
890-6254-A-1-C MSD	Matrix Spike Duplicate	75	105
LCS 880-74049/1-A	Lab Control Sample	100	99
LCS 880-74062/1-A	Lab Control Sample	139 S1+	107
LCSD 880-74049/2-A	Lab Control Sample Dup	114	96
LCSD 880-74062/2-A	Lab Control Sample Dup	126	118
MB 880-74021/5-A	Method Blank	129	129
MB 880-74049/5-A	Method Blank	135 S1+	130
MB 880-74062/5-A	Method Blank	72	127
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

		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-40091-A-1-B MS	Matrix Spike	118	117
880-40091-A-1-C MSD	Matrix Spike Duplicate	141 S1+	141 S1+
890-6235-1	SS 01	168 S1+	173 S1+
890-6235-2	SS 02	205 S1+	187 S1+
890-6235-3	SS 03	143 S1+	126
890-6235-4	SS 04	137 S1+	143 S1+
890-6235-5	SS 05	139 S1+	147 S1+
890-6235-6	SS 06	122	132 S1+
890-6235-7	SS 07	133 S1+	144 S1+
890-6285-A-39-D MS	Matrix Spike	119	96
890-6285-A-39-E MSD	Matrix Spike Duplicate	118	97
LCS 880-73922/2-A	Lab Control Sample	103	105
LCS 880-74367/2-A	Lab Control Sample	100	103
LCS 880-74527/2-A	Lab Control Sample	83	71
LCSD 880-73922/3-A	Lab Control Sample Dup	103	106
LCSD 880-74367/3-A	Lab Control Sample Dup	94	99
LCSD 880-74527/3-A	Lab Control Sample Dup	97	84
MB 880-73922/1-A	Method Blank	181 S1+	203 S1+
MB 880-74367/1-A	Method Blank	157 S1+	175 S1+
MB 880-74527/1-A	Method Blank	107	97

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Surrogate Summary

Client: Ensolum

Project/Site: PLU 18 TWR BATTERY

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

Job ID: 890-6235-1 SDG: 03C1558316

2

3316

3

4

6

R

9

11

13

Job ID: 890-6235-1 Client: Ensolum Project/Site: PLU 18 TWR BATTERY SDG: 03C1558316

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-74021/5-A

Matrix: Solid

Analysis Batch: 74123

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 74021

			P
3			
-			

Unit

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/26/24 11:29	02/27/24 14:15	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/26/24 11:29	02/27/24 14:15	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/26/24 11:29	02/27/24 14:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		02/26/24 11:29	02/27/24 14:15	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/26/24 11:29	02/27/24 14:15	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/26/24 11:29	02/27/24 14:15	1

MB MB

MR MR

Result Qualifier

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	02/26/24 11:29	02/27/24 14:15	1
1,4-Difluorobenzene (Surr)	129		70 - 130	02/26/24 11:29	02/27/24 14:15	1

Lab Sample ID: MB 880-74049/5-A

Matrix: Solid

Analyte

Analysis Batch: 74123

Client Sample ID: Method Blank

Analyzed

Prepared

Prep Type: Total/NA

Prep Batch: 74049

Dil Fac

Benzene <0.00200 U 0.00200 mg/Kg 02/26/24 13:52 02/28/24 01:53 Toluene <0.00200 U 0.00200 mg/Kg 02/26/24 13:52 02/28/24 01:53 Ethylbenzene <0.00200 U 0.00200 mg/Kg 02/26/24 13:52 02/28/24 01:53 02/26/24 13:52 m-Xylene & p-Xylene <0.00400 U 0.00400 mg/Kg 02/28/24 01:53 o-Xylene <0.00200 U 0.00200 mg/Kg 02/26/24 13:52 02/28/24 01:53 02/26/24 13:52 Xylenes, Total <0.00400 U 0.00400 02/28/24 01:53 mg/Kg

RL

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130	02/26/24 13:52	02/28/24 01:53	1
1,4-Difluorobenzene (Surr)	130		70 - 130	02/26/24 13:52	02/28/24 01:53	1

Lab Sample ID: LCS 880-74049/1-A

Matrix: Solid

Analysis Batch: 74123

Client Sample ID: Lab Control Sample

Prep Batch: 74049

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.1160 mg/Kg 116 70 - 130 Toluene 0.100 0.1063 mg/Kg 106 70 - 130 Ethylbenzene 0.100 0.1247 mg/Kg 125 70 - 130 0.200 m-Xylene & p-Xylene 0.2118 mg/Kg 106 70 - 130 0.1039 70 - 130 0.100 o-Xylene mg/Kg 104

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	100	70 - 130
1.4-Difluorobenzene (Surr)	99	70 - 130

Lab Sample ID: LCSD 880-74049/2-A

Matrix: Solid

Analysis Batch: 74123

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 74049

	Spike	LCSD LCSD				70 Rec		KFD	
Analyte	Added	Result Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1153	mg/Kg		115	70 - 130	1	35	

LCCD LCCD

Chiles

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Prep Type: Total/NA

QC Sample Results

Client: Ensolum Job ID: 890-6235-1 Project/Site: PLU 18 TWR BATTERY SDG: 03C1558316

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

Lab Sample ID: LCSD 880-74049/2-A

Matrix: Solid Analysis Batch: 74123 Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 74049

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit Toluene 0.100 0.1097 110 70 - 130 35 mg/Kg 3 Ethylbenzene 0.100 0.1165 mg/Kg 116 70 - 130 35 0.200 0.2037 70 - 130 m-Xylene & p-Xylene mg/Kg 102 35 0.100 o-Xylene 0.1155 mg/Kg 116 70 - 130 11 35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 890-6233-A-1-C MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 74123

Prep Type: Total/NA

Prep Batch: 74049

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00199	U	0.101	0.09725		mg/Kg		96	70 - 130	
Toluene	<0.00199	U	0.101	0.09650		mg/Kg		96	70 - 130	
Ethylbenzene	<0.00199	U	0.101	0.1129		mg/Kg		112	70 - 130	
m-Xylene & p-Xylene	<0.00398	U	0.202	0.2162		mg/Kg		107	70 - 130	
o-Xylene	<0.00199	U	0.101	0.09884		mg/Kg		98	70 - 130	

MS MS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	124	70 - 130
1,4-Difluorobenzene (Surr)	100	70 - 130

Lab Sample ID: 890-6233-A-1-D MSD

Matrix: Solid

Analysis Batch: 74123

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 74049

l		Sample	Sample	Spike	MSD	MSD				%Rec		RPD
l	Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
l	Benzene	<0.00199	U	0.100	0.1073		mg/Kg		107	70 - 130	10	35
l	Toluene	< 0.00199	U	0.100	0.1022		mg/Kg		102	70 - 130	6	35
l	Ethylbenzene	< 0.00199	U	0.100	0.1029		mg/Kg		103	70 - 130	9	35
١	m-Xylene & p-Xylene	<0.00398	U	0.200	0.1780		mg/Kg		89	70 - 130	19	35
l	o-Xylene	< 0.00199	U	0.100	0.09361		mg/Kg		93	70 - 130	5	35
н												

MSD MSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	108	70 - 130
1,4-Difluorobenzene (Surr)	102	70 - 130

Lab Sample ID: MB 880-74062/5-A

Matrix: Solid

Analysis Batch: 74231

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 74062

мв мв

An	alyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Be	nzene	<0.00200	U	0.00200	mg/Kg	_	02/26/24 14:15	02/29/24 02:30	1
Tol	luene	<0.00200	U	0.00200	mg/Kg		02/26/24 14:15	02/29/24 02:30	1
Eth	nylbenzene	<0.00200	U	0.00200	mg/Kg		02/26/24 14:15	02/29/24 02:30	1
m-	Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		02/26/24 14:15	02/29/24 02:30	1

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Client: Ensolum

Project/Site: PLU 18 TWR BATTERY

Job ID: 890-6235-1

SDG: 03C1558316

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

Lab Sample ID: MB 880-74062/5-A

Matrix: Solid

Analysis Batch: 74231

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 74062

	IND	W.D						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/26/24 14:15	02/29/24 02:30	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/26/24 14:15	02/29/24 02:30	1

MD MD

MR MR

	11.10	1110				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130	02/26/24 14:15	02/29/24 02:30	1
1,4-Difluorobenzene (Surr)	127		70 - 130	02/26/24 14:15	02/29/24 02:30	1

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 880-74062/1-A **Matrix: Solid**

Analysis Batch: 74231

Prep Type: Total/NA

Prep Batch: 74062

		Spike	LCS	LCS				%Rec	
	Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
	Benzene	0.100	0.1181		mg/Kg		118	70 - 130	
	Toluene	0.100	0.07869		mg/Kg		79	70 - 130	
	Ethylbenzene	0.100	0.1054		mg/Kg		105	70 - 130	
İ	m-Xylene & p-Xylene	0.200	0.2134		mg/Kg		107	70 - 130	
	o-Xylene	0.100	0.1016		mg/Kg		102	70 - 130	
ı									

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 74062

Analysis Batch: 74231

Matrix: Solid

Lab Sample ID: LCSD 880-74062/2-A

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1161		mg/Kg		116	70 - 130	2	35
Toluene	0.100	0.08760		mg/Kg		88	70 - 130	11	35
Ethylbenzene	0.100	0.08255		mg/Kg		83	70 - 130	24	35
m-Xylene & p-Xylene	0.200	0.2139		mg/Kg		107	70 - 130	0	35
o-Xylene	0.100	0.08656		mg/Kg		87	70 - 130	16	35

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	126	70 - 130
1.4-Difluorobenzene (Surr)	118	70 - 130

Client Sample ID: Matrix Spike Lab Sample ID: 890-6254-A-1-B MS

Matrix: Solid Analysis Batch: 74231

Prep Type: Total/NA

Prep Batch: 74062

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00199	U F1	0.101	0.09880		mg/Kg		98	70 - 130	
Toluene	< 0.00199	U F1	0.101	0.08019		mg/Kg		80	70 - 130	
Ethylbenzene	< 0.00199	U F1	0.101	0.09586		mg/Kg		95	70 - 130	
m-Xylene & p-Xylene	<0.00398	U F1	0.202	0.1873		mg/Kg		93	70 - 130	
o-Xylene	<0.00199	U F1	0.101	0.08689		mg/Kg		86	70 - 130	

Client: Ensolum Job ID: 890-6235-1 Project/Site: PLU 18 TWR BATTERY SDG: 03C1558316

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

MS MS

Lab Sample ID: 890-6254-A-1-B MS

Matrix: Solid

Analysis Batch: 74231

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 74062

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

Lab Sample ID: 890-6254-A-1-C MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 74231

Prep Type: Total/NA

Prep Batch: 74062

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00199	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
Toluene	<0.00199	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
Ethylbenzene	<0.00199	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
m-Xylene & p-Xylene	<0.00398	U F1	0.200	<0.00400	U F1	mg/Kg		0	70 - 130	NC	35
o-Xylene	<0.00199	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35

MSD MSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	75	70 _ 130
1,4-Difluorobenzene (Surr)	105	70 - 130

Lab Sample ID: 880-24332-A-3 MB Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 74231

мв мв

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg			02/28/24 22:42	1
Toluene	<0.00200	U	0.00200	mg/Kg			02/28/24 22:42	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg			02/28/24 22:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg			02/28/24 22:42	1
o-Xylene	<0.00200	U	0.00200	mg/Kg			02/28/24 22:42	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg			02/28/24 22:42	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	02/28/24 22:4	2 1
1,4-Difluorobenzene (Surr)	214	S1+	70 - 130	02/28/24 22:4	2 1

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

Lab Sample ID: MB 880-73922/1-A

Matrix: Solid

Analysis Batch: 74120

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 73922

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	mg/Kg		02/23/24 11:52	02/27/24 20:00	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<50.0	U	50.0	mg/Kg		02/23/24 11:52	02/27/24 20:00	1
C10-C28)								
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/23/24 11:52	02/27/24 20:00	1

Lab Sample ID: LCS 880-73922/2-A

Client: Ensolum Job ID: 890-6235-1 Project/Site: PLU 18 TWR BATTERY SDG: 03C1558316

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

Lab Sample ID: MB 880-73922/1-A **Matrix: Solid**

Analysis Batch: 74120

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 73922

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	181	S1+	70 - 130	02/23/24 11:5	2 02/27/24 20:00	1
o-Terphenyl	203	S1+	70 - 130	02/23/24 11:5	2 02/27/24 20:00	1

Client Sample ID: Lab Control Sample

Matrix: Solid Prep Type: Total/NA Analysis Batch: 74120 Prep Batch: 73922 Spike LCS LCS %Rec

Analyte Added Result Qualifier Unit D %Rec Limits 1012 Gasoline Range Organics 1000 101 70 - 130 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1201 mg/Kg 120 70 - 130C10-C28)

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	105		70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 73922

Spike LCSD LCSD Result Qualifier Analyte Added Unit D %Rec Limits RPD Limit Gasoline Range Organics 1000 1012 mg/Kg 101 70 - 130 0 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1214 mg/Kg 121 70 - 130 20 C10-C28)

LCSD LCSD

Lab Sample ID: LCSD 880-73922/3-A

Matrix: Solid

Analysis Batch: 74120

Qualifier Limits Surrogate %Recovery 70 - 130 1-Chlorooctane 103 o-Terphenyl 106 70 - 130

Lab Sample ID: MB 880-74367/1-A Client Sample ID: Method Blank

Matrix: Solid Prep Type: Total/NA Analysis Batch: 74322 Prep Batch: 74367

мв мв

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	mg/Kg		02/29/24 12:42	02/29/24 20:03	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<50.0	U	50.0	mg/Kg		02/29/24 12:42	02/29/24 20:03	1
C10-C28)								
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/29/24 12:42	02/29/24 20:03	1
	MR	MB						

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	157	S1+	70 - 130	02/29/24 12:42	02/29/24 20:03	1
o-Terphenyl	175	S1+	70 - 130	02/29/24 12:42	02/29/24 20:03	1

Job ID: 890-6235-1 Client: Ensolum Project/Site: PLU 18 TWR BATTERY SDG: 03C1558316

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

Lab Sample ID: LCS 880-74367/2-A

Lab Sample ID: LCSD 880-74367/3-A

Matrix: Solid Analysis Batch: 74322 Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 74367

Spike LCS LCS Analyte babbA Result Qualifier Unit %Rec Limits D Gasoline Range Organics 1000 963.9 mg/Kg 96 70 - 130 (GRO)-C6-C10 1000 Diesel Range Organics (Over 1152 mg/Kg 70 - 130 115 C10-C28)

LCS LCS %Recovery Qualifier Limits Surrogate 70 - 130 1-Chlorooctane 100 o-Terphenyl 103 70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 74367

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit D %Rec Limits **RPD** Limit 1000 3 Gasoline Range Organics 932.7 mg/Kg 93 70 - 130 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1092 mg/Kg 109 70 - 130 5 20

C10-C28)

Matrix: Solid

Analysis Batch: 74322

LCSD LCSD Qualifier Surrogate %Recovery Limits 1-Chlorooctane 94 70 - 130 o-Terphenyl 99 70 - 130

Lab Sample ID: 880-40091-A-1-B MS

Lab Sample ID: 880-40091-A-1-C MSD

Matrix: Solid

Analysis Batch: 74322

Client Sample ID: Matrix Spike

Prep Type: Total/NA Prep Batch: 74367

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits <49.7 U 1010 Gasoline Range Organics 970.6 92 70 - 130 mg/Kg (GRO)-C6-C10 102 1010 1044 93 70 - 130 Diesel Range Organics (Over mg/Kg

C10-C28)

Matrix: Solid

Analysis Batch: 74322

MS MS %Recovery Qualifier Limits Surrogate 1-Chlorooctane 118 70 - 130 70 - 130 o-Terphenyl 117

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 74367

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	1010	1183		mg/Kg		113	70 - 130	20	20
Diesel Range Organics (Over C10-C28)	102		1010	1272		mg/Kg		116	70 - 130	20	20

MSD MSD Surrogate %Recovery Qualifier Limits 70 - 130 1-Chlorooctane 141 S1+

Job ID: 890-6235-1 Client: Ensolum Project/Site: PLU 18 TWR BATTERY SDG: 03C1558316

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

Lab Sample ID: 880-40091-A-1-C MSD

Matrix: Solid

Analysis Batch: 74322

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 74367

MSD MSD

Surrogate %Recovery Qualifier Limits o-Terphenyl 141 S1+ 70 - 130

Lab Sample ID: MB 880-74527/1-A

Matrix: Solid

Analysis Batch: 74540

Client Sample ID: Method Blank

Analyzed

Prep Type: Total/NA

Prep Batch: 74527

Dil Fac

мв мв Analyte Result Qualifier

Gasoline Range Organics <50.0 U 50.0 mg/Kg 03/03/24 00:24 03/03/24 20:56 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 03/03/24 00:24 03/03/24 20:56 C10-C28) Oll Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 03/03/24 00:24 03/03/24 20:56

RL

Unit

мв мв

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 107 70 - 130 03/03/24 00:24 1-Chlorooctane 03/03/24 20:56 97 70 - 130 03/03/24 00:24 03/03/24 20:56 o-Terphenyl

Lab Sample ID: LCS 880-74527/2-A Client Sample ID: Lab Control Sample

Matrix: Solid

Analysis Batch: 74540

Prep Type: Total/NA Prep Batch: 74527 Spike LCS LCS

D

Prepared

Analyte Added Result Qualifier Unit %Rec Limits D Gasoline Range Organics 1000 761.7 mg/Kg 76 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1023 mg/Kg 102 70 - 130

C10-C28)

LCS LCS

%Recovery Qualifier Surrogate Limits 70 - 130 1-Chlorooctane 83 o-Terphenyl 71 70 - 130

Lab Sample ID: LCSD 880-74527/3-A

Matrix: Solid

Analysis Batch: 74540

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 74527

LCSD LCSD RPD Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits RPD Limit 1000 805.8 Gasoline Range Organics mg/Kg 81 70 - 130 6 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1218 mg/Kg 122 70 - 130 17 20

C10-C28)

LCSD LCSD

%Recovery Qualifier Surrogate Limits 1-Chlorooctane 97 70 - 130 84 70 - 130 o-Terphenyl

Client: Ensolum Job ID: 890-6235-1 Project/Site: PLU 18 TWR BATTERY

SDG: 03C1558316

Prep Batch: 74527

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

Lab Sample ID: 890-6285-A-39-D MS Client Sample ID: Matrix Spike **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 74540 Prep Batch: 74527

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	<49.6	U	1000	906.2		mg/Kg		86	70 - 130	
(GRO)-C6-C10										
Diesel Range Organics (Over	<49.6	U	1000	1062		mg/Kg		102	70 - 130	

C10-C28)

	MS	MS			
Surrogate	%Recovery	Qualifier	Limits		
1-Chlorooctane	119		70 - 130		
o-Terphenyl	96		70 - 130		

Lab Sample ID: 890-6285-A-39-E MSD Client Sample ID: Matrix Spike Duplicate Prep Type: Total/NA

Matrix: Solid Analysis Batch: 74540

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	1000	923.7		mg/Kg		88	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.6	U	1000	1070		mg/Kg		103	70 - 130	1	20

MSD MSD %Recovery Qualifier Surrogate Limits 1-Chlorooctane 118 70 - 130 o-Terphenyl 97 70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-73849/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 73933

MB MB

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			02/25/24 17:39	1

Lab Sample ID: LCS 880-73849/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 73933

	Бріке	LUS	LUS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	250	234.8		mg/Kg		94	90 - 110	

Lab Sample ID: LCSD 880-73849/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 73933

Spike LCSD LCSD %Rec **RPD** Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit Chloride 250 236.9 95 90 - 110 20 mg/Kg

QC Sample Results

Client: Ensolum Job ID: 890-6235-1 Project/Site: PLU 18 TWR BATTERY

SDG: 03C1558316

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-39775-A-1-B MS Client Sample ID: Matrix Spike **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 73933

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	51.5		249	300.6		mg/Kg		100	90 - 110		_

Lab Sample ID: 880-39775-A-1-C MSD Client Sample ID: Matrix Spike Duplicate **Prep Type: Soluble Matrix: Solid**

Analysis Batch: 73933

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	51.5		249	300.7		mg/Kg		100	90 - 110	0	20	

Lab Sample ID: 890-6233-A-3-B MS Client Sample ID: Matrix Spike **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 73933

Alialysis Datell. 19999										
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	6520		2480	8969		mg/Kg	_	99	90 - 110	

Lab Sample ID: 890-6233-A-3-C MSD **Client Sample ID: Matrix Spike Duplicate Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 73933

•	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	6520		2480	8982		mg/Kg		100	90 - 110	0	20

Client: Ensolum

Project/Site: PLU 18 TWR BATTERY

Job ID: 890-6235-1

SDG: 03C1558316

GC VOA

Prep Batch: 74021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-74021/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 74049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6235-1	SS 01	Total/NA	Solid	5035	
890-6235-2	SS 02	Total/NA	Solid	5035	
890-6235-3	SS 03	Total/NA	Solid	5035	
890-6235-4	SS 04	Total/NA	Solid	5035	
890-6235-5	SS 05	Total/NA	Solid	5035	
890-6235-6	SS 06	Total/NA	Solid	5035	
890-6235-7	SS 07	Total/NA	Solid	5035	
MB 880-74049/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-74049/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-74049/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-6233-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-6233-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 74062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6235-3	SS 03	Total/NA	Solid	5035	
MB 880-74062/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-74062/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-74062/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-6254-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
890-6254-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 74123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6235-1	SS 01	Total/NA	Solid	8021B	74049
890-6235-2	SS 02	Total/NA	Solid	8021B	74049
890-6235-3	SS 03	Total/NA	Solid	8021B	74049
890-6235-4	SS 04	Total/NA	Solid	8021B	74049
890-6235-5	SS 05	Total/NA	Solid	8021B	74049
890-6235-6	SS 06	Total/NA	Solid	8021B	74049
890-6235-7	SS 07	Total/NA	Solid	8021B	74049
MB 880-74021/5-A	Method Blank	Total/NA	Solid	8021B	74021
MB 880-74049/5-A	Method Blank	Total/NA	Solid	8021B	74049
LCS 880-74049/1-A	Lab Control Sample	Total/NA	Solid	8021B	74049
LCSD 880-74049/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	74049
890-6233-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	74049
890-6233-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	74049

Analysis Batch: 74231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6235-3	SS 03	Total/NA	Solid	8021B	74062
880-24332-A-3 MB	Method Blank	Total/NA	Solid	8021B	
MB 880-74062/5-A	Method Blank	Total/NA	Solid	8021B	74062
LCS 880-74062/1-A	Lab Control Sample	Total/NA	Solid	8021B	74062
LCSD 880-74062/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	74062
890-6254-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	74062
890-6254-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	74062

Client: Ensolum

Project/Site: PLU 18 TWR BATTERY

Job ID: 890-6235-1 SDG: 03C1558316

GC VOA

Analysis Batch: 74282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6235-1	SS 01	Total/NA	Solid	Total BTEX	
890-6235-2	SS 02	Total/NA	Solid	Total BTEX	
890-6235-3	SS 03	Total/NA	Solid	Total BTEX	
890-6235-4	SS 04	Total/NA	Solid	Total BTEX	
890-6235-5	SS 05	Total/NA	Solid	Total BTEX	
890-6235-6	SS 06	Total/NA	Solid	Total BTEX	
890-6235-7	SS 07	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 73922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6235-1	SS 01	Total/NA	Solid	8015NM Prep	
890-6235-2	SS 02	Total/NA	Solid	8015NM Prep	
890-6235-3	SS 03	Total/NA	Solid	8015NM Prep	
890-6235-4	SS 04	Total/NA	Solid	8015NM Prep	
890-6235-5	SS 05	Total/NA	Solid	8015NM Prep	
890-6235-6	SS 06	Total/NA	Solid	8015NM Prep	
890-6235-7	SS 07	Total/NA	Solid	8015NM Prep	
MB 880-73922/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-73922/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-73922/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 74120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6235-1	SS 01	Total/NA	Solid	8015B NM	73922
890-6235-2	SS 02	Total/NA	Solid	8015B NM	73922
890-6235-3	SS 03	Total/NA	Solid	8015B NM	73922
890-6235-4	SS 04	Total/NA	Solid	8015B NM	73922
890-6235-5	SS 05	Total/NA	Solid	8015B NM	73922
890-6235-6	SS 06	Total/NA	Solid	8015B NM	73922
890-6235-7	SS 07	Total/NA	Solid	8015B NM	73922
MB 880-73922/1-A	Method Blank	Total/NA	Solid	8015B NM	73922
LCS 880-73922/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	73922
LCSD 880-73922/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	73922

Analysis Batch: 74271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6235-1	SS 01	Total/NA	Solid	8015 NM	
890-6235-2	SS 02	Total/NA	Solid	8015 NM	
890-6235-3	SS 03	Total/NA	Solid	8015 NM	
890-6235-4	SS 04	Total/NA	Solid	8015 NM	
890-6235-5	SS 05	Total/NA	Solid	8015 NM	
890-6235-6	SS 06	Total/NA	Solid	8015 NM	
890-6235-7	SS 07	Total/NA	Solid	8015 NM	

Analysis Batch: 74322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6235-1	SS 01	Total/NA	Solid	8015B NM	74367
890-6235-2	SS 02	Total/NA	Solid	8015B NM	74367
MB 880-74367/1-A	Method Blank	Total/NA	Solid	8015B NM	74367

Client: Ensolum
Project/Site: PLU 18 TWR BATTERY

Job ID: 890-6235-1 SDG: 03C1558316

GC Semi VOA (Continued)

Analysis Batch: 74322 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-74367/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	74367
LCSD 880-74367/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	74367
880-40091-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	74367
880-40091-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	74367

Prep Batch: 74367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6235-1	SS 01	Total/NA	Solid	8015NM Prep	
890-6235-2	SS 02	Total/NA	Solid	8015NM Prep	
MB 880-74367/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-74367/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-74367/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-40091-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-40091-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 74527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6235-3	SS 03	Total/NA	Solid	8015NM Prep	
MB 880-74527/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-74527/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-74527/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-6285-A-39-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-6285-A-39-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 74540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6235-3	SS 03	Total/NA	Solid	8015B NM	74527
MB 880-74527/1-A	Method Blank	Total/NA	Solid	8015B NM	74527
LCS 880-74527/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	74527
LCSD 880-74527/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	74527
890-6285-A-39-D MS	Matrix Spike	Total/NA	Solid	8015B NM	74527
890-6285-A-39-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	74527

HPLC/IC

Leach Batch: 73849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6235-1	SS 01	Soluble	Solid	DI Leach	
890-6235-2	SS 02	Soluble	Solid	DI Leach	
890-6235-3	SS 03	Soluble	Solid	DI Leach	
890-6235-4	SS 04	Soluble	Solid	DI Leach	
890-6235-5	SS 05	Soluble	Solid	DI Leach	
890-6235-6	SS 06	Soluble	Solid	DI Leach	
890-6235-7	SS 07	Soluble	Solid	DI Leach	
MB 880-73849/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-73849/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-73849/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-39775-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-39775-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
890-6233-A-3-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-6233-A-3-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Eurofins Carlsbad

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Client: Ensolum
Project/Site: PLU 18 TWR BATTERY
Job ID: 890-6235-1
SDG: 03C1558316

HPLC/IC

Analysis Batch: 73933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6235-1	SS 01	Soluble	Solid	300.0	73849
890-6235-2	SS 02	Soluble	Solid	300.0	73849
890-6235-3	SS 03	Soluble	Solid	300.0	73849
890-6235-4	SS 04	Soluble	Solid	300.0	73849
890-6235-5	SS 05	Soluble	Solid	300.0	73849
890-6235-6	SS 06	Soluble	Solid	300.0	73849
890-6235-7	SS 07	Soluble	Solid	300.0	73849
MB 880-73849/1-A	Method Blank	Soluble	Solid	300.0	73849
LCS 880-73849/2-A	Lab Control Sample	Soluble	Solid	300.0	73849
LCSD 880-73849/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	73849
880-39775-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	73849
880-39775-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	73849
890-6233-A-3-B MS	Matrix Spike	Soluble	Solid	300.0	73849
890-6233-A-3-C MSD	Matrix Snike Dunlicate	Soluble	Solid	300 O	73849

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Job ID: 890-6235-1

Client: Ensolum Project/Site: PLU 18 TWR BATTERY SDG: 03C1558316

Client Sample ID: SS 01 Lab Sample ID: 890-6235-1 Date Collected: 02/21/24 08:35 Matrix: Solid

Date Received: 02/21/24 11:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	74049	02/26/24 13:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	74123	02/28/24 03:44	SM	EET MID
Total/NA	Analysis	Total BTEX		1			74282	02/28/24 03:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			74271	03/01/24 00:56	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	73922	02/23/24 11:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	74120	02/28/24 02:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	74367	02/29/24 12:42	TKC	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	74322	03/01/24 00:56	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	73849	02/22/24 12:30	SMC	EET MID
Soluble	Analysis	300.0		50			73933	02/25/24 18:12	CH	EET MID

Client Sample ID: SS 02 Lab Sample ID: 890-6235-2

Date Collected: 02/21/24 08:40 Matrix: Solid Date Received: 02/21/24 11:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	74049	02/26/24 13:52	MNR	EET MID
Total/NA	Analysis	8021B		25	5 mL	5 mL	74123	02/28/24 05:06	SM	EET MID
Total/NA	Analysis	Total BTEX		1			74282	02/28/24 05:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			74271	03/01/24 01:38	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	73922	02/23/24 11:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	74120	02/28/24 03:19	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	74367	02/29/24 12:42	TKC	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	74322	03/01/24 01:38	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	73849	02/22/24 12:30	SMC	EET MID
Soluble	Analysis	300.0		50			73933	02/25/24 18:16	CH	EET MID

Lab Sample ID: 890-6235-3 Client Sample ID: SS 03 Date Collected: 02/21/24 08:45 Matrix: Solid

Date Received: 02/21/24 11:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	74049	02/26/24 13:52	MNR	EET MIC
Total/NA	Analysis	8021B		25	5 mL	5 mL	74123	02/28/24 05:26	SM	EET MI
Total/NA	Prep	5035			5.03 g	5 mL	74062	02/26/24 14:15	MNR	EET MI
Total/NA	Analysis	8021B		100	5 mL	5 mL	74231	02/29/24 11:37	AJ	EET MI
Total/NA	Analysis	Total BTEX		1			74282	02/29/24 11:37	SM	EET MI
Total/NA	Analysis	8015 NM		1			74271	03/04/24 00:08	SM	EET MI
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	74527	03/03/24 00:24	TKC	EET MI
Total/NA	Analysis	8015B NM		20	1 uL	1 uL	74540	03/04/24 00:08	SM	EET MI
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	73922	02/23/24 11:52	TKC	EET MII
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	74120	02/28/24 03:41	SM	EET MII
Soluble	Leach	DI Leach			5.00 g	50 mL	73849	02/22/24 12:30	SMC	EET MII
Soluble	Analysis	300.0		1			73933	02/25/24 18:21	CH	EET MI

Project/Site: PLU 18 TWR BATTERY Client Sample ID: SS 04

Client: Ensolum

Lab Sample ID: 890-6235-4

Matrix: Solid

Date Collected: 02/21/24 08:50 Date Received: 02/21/24 11:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	74049	02/26/24 13:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	74123	02/28/24 04:04	SM	EET MID
Total/NA	Analysis	Total BTEX		1			74282	02/28/24 04:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			74271	02/28/24 04:03	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	73922	02/23/24 11:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	74120	02/28/24 04:03	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	73849	02/22/24 12:30	SMC	EET MID
Soluble	Analysis	300.0		1			73933	02/25/24 18:35	CH	EET MID

Client Sample ID: SS 05 Lab Sample ID: 890-6235-5 **Matrix: Solid**

Date Collected: 02/21/24 08:55

Date Received: 02/21/24 11:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	74049	02/26/24 13:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	74123	02/28/24 04:25	SM	EET MID
Total/NA	Analysis	Total BTEX		1			74282	02/28/24 04:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			74271	02/28/24 04:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	73922	02/23/24 11:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	74120	02/28/24 04:24	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	73849	02/22/24 12:30	SMC	EET MID
Soluble	Analysis	300.0		1			73933	02/25/24 18:40	CH	EET MID

Client Sample ID: SS 06 Lab Sample ID: 890-6235-6 Date Collected: 02/21/24 09:10 **Matrix: Solid**

Date Received: 02/21/24 11:50

Batch Dil Initial Final Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Prep Total/NA 5035 5.05 g 5 mL 74049 02/26/24 13:52 MNR EET MID Total/NA Analysis 8021B 5 mL 5 mL 74123 02/28/24 04:45 SM **EET MID** Total/NA Analysis Total BTEX 74282 02/28/24 04:45 SM EET MID 1 Total/NA Analysis 8015 NM 74271 02/28/24 04:46 SM **EET MID** Total/NA 10 mL 73922 02/23/24 11:52 Prep 8015NM Prep 10.04 g TKC **EET MID** Total/NA Analysis 8015B NM 1 uL 1 uL 74120 02/28/24 04:46 SM EET MID Soluble Leach DI Leach 5.01 g 50 mL 73849 02/22/24 12:30 SMC EET MID Soluble Analysis 300.0 73933 02/25/24 18:44 СН **EET MID**

Lab Sample ID: 890-6235-7 Client Sample ID: SS 07

Date Collected: 02/21/24 09:05 Date Received: 02/21/24 11:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	74049	02/26/24 13:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	74123	02/28/24 07:16	SM	EET MID
Total/NA	Analysis	Total BTEX		1			74282	02/28/24 07:16	SM	EET MID

Eurofins Carlsbad

Matrix: Solid

Lab Chronicle

Client: Ensolum Job ID: 890-6235-1
Project/Site: PLU 18 TWR BATTERY SDG: 03C1558316

Client Sample ID: SS 07 Lab Sample ID: 890-6235-7

Date Collected: 02/21/24 09:05

Date Received: 02/21/24 11:50

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			74271	02/28/24 05:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	73922	02/23/24 11:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	74120	02/28/24 05:07	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	73849	02/22/24 12:30	SMC	EET MID
Soluble	Analysis	300.0		1			73933	02/25/24 18:49	CH	EET MID

Laboratory References:

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

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Accreditation/Certification Summary

Client: Ensolum Job ID: 890-6235-1 Project/Site: PLU 18 TWR BATTERY

SDG: 03C1558316

Laboratory: Eurofins Midland

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

Authority	Progr	am	Identification Number	Expiration Date
Texas	NELA	Р	T104704400-23-26	06-30-24
,	are included in this report, but	it the laboratory is not certif	fied by the governing authority. This lis	t may include analytes
Analysis Method	Prep Method	Matrix	Analyte	
8015 NM		Solid	Total TPH	
Total BTEX		Solid	Total BTEX	

Method Summary

Client: Ensolum

Project/Site: PLU 18 TWR BATTERY

Job ID: 890-6235-1

SDG: 03C1558316

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

Eurofins Carlsbad

Released to Imaging: 6/27/2024 7:51:47 AM

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Sample Summary

Client: Ensolum

Project/Site: PLU 18 TWR BATTERY

Job ID: 890-6235-1

SDG: 03C1558316

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-6235-1	SS 01	Solid	02/21/24 08:35	02/21/24 11:50	0.5'
890-6235-2	SS 02	Solid	02/21/24 08:40	02/21/24 11:50	0.5'
890-6235-3	SS 03	Solid	02/21/24 08:45	02/21/24 11:50	0.5'
890-6235-4	SS 04	Solid	02/21/24 08:50	02/21/24 11:50	0.5'
890-6235-5	SS 05	Solid	02/21/24 08:55	02/21/24 11:50	0.5'
890-6235-6	SS 06	Solid	02/21/24 09:10	02/21/24 11:50	0.5'
890-6235-7	SS 07	Solid	02/21/24 09:05	02/21/24 11:50	0.5'

Control National Process Control National Pr		Enviro	Environment Testing	Midlan	77 (432) 71, hd, TX (432) 70	Houston, J.A. (201), 240-4200, Dallas, J.A. (214) 502-0300 Midland, T.X. (432) 704-5440, San Antonio, T.X. (210) 509-3334	Work Order No:	
		Xenco		EL Pa	350, TX (915) 5	585-3443. Lubbock, TX (806) 794-1796		
Montaine Pacaria Horisace Machine Mach				QCT .	bs, NM (575)	392-7550, Carlsbad, NIM (575) 988-3199	www.xenco.cor	Page
2012 Nat 1 Part 1 Part 2 Brownfedge Recompany Nature Sale A Poptane Cartishad NAT 2 Part 2	roject Manager:	11	Jon Ssey	Bill to: (if differen	nt)		Work Order (omments
Single of Properties Single of	ompany Name:	3	الدر ع	Company Nam	ě	Ene	UST/PST ☐ PRP□	
Carticoral NNA 88220 Carticoral NA Ca	ddress:	3122 Nati	Parks	Address:	317	E Greene		
\$3.71 - 35.71 - 35.71 - 35.71 \$3.	e ZIP:	1	7 882	City, State ZIP:		88 MM	Reporting: Level Level	PST/UST
Number: 03_CLSS_B3_LG		33-7-357.8		+	norris	3	EDD	
Hone: No	roject Name:	PLU 18 TWR		Turn Around		ANALYSIS	REQUEST	Preservative Codes
Part Reference Part Globe 28, 103 & 82414 Due Date: Part Stants the day received by Part Stants the day received received by Part	roject Number:	030155831	Z Z		Pres. Code			None: NO DI Water: H ₂ O
### RECEIPT PROJECT Trians to the day received by 4-30pm Profession Profess		32.90628,-103.		ate:				
Section of the control of the cont	er's Name:	Meredith R		irts the day received by				
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Vess Mol. A Concected Temperature Reading: Co. Concected Temperature Reading: Co.	AWITE RECEIPT		Yes JNO Wet	+	met			SISAN : OSHEN
Se Ag SiO ₂ Na Sr Hg: 1631 / 245.1 /	amples Received Intact		Thermometer ID:	JAMAC TO	ents q	67		Na S.O.: NaSO
Se Ag SiO ₂ Na Sr Hg: 1631 / 245.1 /	ooler Custody Seals:		Correction Factor:	ję		أط		Zn Acetate+NaOH: Zn
Se Ag SiO ₂ Na Sr 7 Hg: 1631 / 245.1 /	ample Custody Seals:		Corrected Temperat	3€	^	1		NaOH+Ascorbic Acid: SAPC
Se Ag SiO ₂ Na Sr 7 Hg: 1631 / 245.1 /	otal Containers:		Collected lemberat		30 #	49		
Se Ag SiO ₂ Na Sr 1 Hg: 1631 / 245.1 /	Sample Identific		Sampled	Depth	# or Cont	17		Sample Comments
Se Ag SiO ₂ Na Sr 7 Hg: 1631 / 245.1 /	Ssoi	S	2/12/24	Ö	<u>_</u>	X		
Cost Co PENT Se Ag SiO ₂ Na Sr 71 Sn U V 747 Hg: 1631 / 245.1 / 7470 / 747	2055			1 01				NAPP2400849152
ρεντ Se Ag SiO ₂ Na Sr TI Sn U V Z Hg: 1631 / 245.1 / 7470 / 747	5503		108	45				
Se Ag SiO ₂ Na Sr Tl Sn U V 743 Hg: 1631 / 245.1 / 7470 / 747	5504		80	50				Cost Center
Se Ag SiO ₂ Na Sr Tl Sn U V 749: 1631 / 245.1 / 7470 / 747	8808		80	55				PENDING
Se Ag SiO ₂ Na Sr Tl Sn U V 747 Hg: 1631 / 245.1 / 7470 / 747	9055		60	101				
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Se Ag SiO ₂ Na Sr Tl Sn U V 7470 /747 Hg: 1631 / 245.1 /7470 /747 eceived by: (Signature)								
eceived by: (Signature)	Total 200.7 / 6010	200.8 / 6020:	8RCR	13PPM Texas 11	Al Sb As	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Mo Ni K Se Ag SiO ₂ Ti U Hq: 1631/	r TI Sn U V Zn 77470 /7471
eceived by: (Signature)	lotice: Signature of this docurresorte. Eurofins Xenco Aminimum	nent and relinquishment of sar be liable only for the cost of sa charge of \$85.00 will be applie	imples constitutes a valid purch amples and shall not assume an led to each project and a charg	hase order from client company responsibility for any losserie of \$5 for each sample subr	any to Eurofins) is or expenses in mitted to Eurofi	Kenco, its affiliates and subcontractors. It assigns stan neurred by the client if such losses are due to clicumst ns Xenco, but not analyzed. These terms will be enfor		
Bours	Relinquished by: (5	Signature)	Received by: (Sign	naţure)	ă	ate/Time Relinquished by: (2	ignature) Received by: (Signatu	
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Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-6235-1

SDG Number: 03C1558316

Login Number: 6235 List Source: Eurofins Carlsbad

List Number: 1

Creator: Bruns, Shannon

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: 890-6235-1 SDG Number: 03C1558316

List Source: Eurofine Midland

List Source: Eurofins Midland
List Number: 2
List Creation: 02/22/24 11:22 AM

Creator: Rodriguez, Leticia

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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March 22, 2024

TACOMA MORRISSEY
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: PLU 18 TWR BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/18/24 14:38.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM TACOMA MORRISSEY 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2024 Reported: 03/22/2024

Project Name: PLU 18 TWR BATTERY

Project Number: 03C1558316

Project Location: XTO 32.20628, -103.82416

Sampling Date: 03/18/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: PH 01 0.5' (H241389-01)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/20/2024	ND	2.12	106	2.00	2.54	
Toluene*	<0.050	0.050	03/20/2024	ND	2.15	107	2.00	7.48	
Ethylbenzene*	<0.050	0.050	03/20/2024	ND	2.19	109	2.00	11.2	
Total Xylenes*	<0.150	0.150	03/20/2024	ND	6.50	108	6.00	11.8	
Total BTEX	<0.300	0.300	03/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/20/2024	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	192	96.0	200	2.82	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	200	99.8	200	6.32	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	74.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.2	% 49.1-14	8						

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Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

ENSOLUM TACOMA MORRISSEY 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2024 Sampling Date: 03/18/2024

Reported: 03/22/2024 Sampling Type: Soil

Project Name: PLU 18 TWR BATTERY Sampling Condition: Cool & Intact
Project Number: 03C1558316 Sample Received By: Dionica Hinojos

Applyzod By: 14

Project Location: XTO 32.20628, -103.82416

ma/ka

Sample ID: PH 01A 3' (H241389-02)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/20/2024	ND	2.12	106	2.00	2.54	
Toluene*	<0.050	0.050	03/20/2024	ND	2.15	107	2.00	7.48	
Ethylbenzene*	<0.050	0.050	03/20/2024	ND	2.19	109	2.00	11.2	
Total Xylenes*	<0.150	0.150	03/20/2024	ND	6.50	108	6.00	11.8	
Total BTEX	<0.300	0.300	03/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/20/2024	ND	416	104	400	7.41	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	192	96.0	200	2.82	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	200	99.8	200	6.32	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	91.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.1	% 49.1-14	8						

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Analytical Results For:

ENSOLUM TACOMA MORRISSEY 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2024 Reported: 03/22/2024

Project Name: PLU 18 TWR BATTERY

Project Number: 03C1558316

Project Location: XTO 32.20628, -103.82416 Sampling Date: 03/18/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Dionica Hinojos

Sample ID: PH 02 0.5' (H241389-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2024	ND	2.18	109	2.00	1.81	
Toluene*	<0.050	0.050	03/19/2024	ND	2.11	106	2.00	1.60	
Ethylbenzene*	<0.050	0.050	03/19/2024	ND	2.15	107	2.00	0.908	
Total Xylenes*	<0.150	0.150	03/19/2024	ND	6.40	107	6.00	0.807	
Total BTEX	<0.300	0.300	03/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 %	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/20/2024	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	192	96.0	200	2.82	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	200	99.8	200	6.32	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	94.4 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.1	% 49.1-14	8						

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Analytical Results For:

ENSOLUM TACOMA MORRISSEY 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2024 Sampling Date: 03/18/2024

Reported: 03/22/2024 Sampling Type: Soil

Project Name: PLU 18 TWR BATTERY Sampling Condition: Cool & Intact Project Number: Sample Received By: 03C1558316 Dionica Hinojos

Project Location: XTO 32.20628, -103.82416

Sample ID: PH 02A 3' (H241389-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2024	ND	2.18	109	2.00	1.81	
Toluene*	<0.050	0.050	03/19/2024	ND	2.11	106	2.00	1.60	
Ethylbenzene*	<0.050	0.050	03/19/2024	ND	2.15	107	2.00	0.908	
Total Xylenes*	<0.150	0.150	03/19/2024	ND	6.40	107	6.00	0.807	
Total BTEX	<0.300	0.300	03/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/20/2024	ND	416	104	400	7.41	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	192	96.0	200	2.82	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	200	99.8	200	6.32	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	87.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.4	% 49.1-14	8						

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Analytical Results For:

ENSOLUM TACOMA MORRISSEY 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2024 Reported: 03/22/2024

Project Name: PLU 18 TWR BATTERY

Project Number: 03C1558316

Project Location: XTO 32.20628, -103.82416 Sampling Date: 03/18/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

Sample ID: PH 03 0.5' (H241389-05)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2024	ND	2.18	109	2.00	1.81	
Toluene*	<0.050	0.050	03/19/2024	ND	2.11	106	2.00	1.60	
Ethylbenzene*	<0.050	0.050	03/19/2024	ND	2.15	107	2.00	0.908	
Total Xylenes*	<0.150	0.150	03/19/2024	ND	6.40	107	6.00	0.807	
Total BTEX	<0.300	0.300	03/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/20/2024	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	192	96.0	200	2.82	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	200	99.8	200	6.32	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	90.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.9	% 49.1-14	8						

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Analytical Results For:

ENSOLUM TACOMA MORRISSEY 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2024 Sampling Date: 03/18/2024

Reported: 03/22/2024 Sampling Type: Soil

Project Name: PLU 18 TWR BATTERY Sampling Condition: Cool & Intact
Project Number: 03C1558316 Sample Received By: Dionica Hinojos

Applyzod By: 14

Project Location: XTO 32.20628, -103.82416

ma/ka

Sample ID: PH 03A 3' (H241389-06)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2024	ND	2.18	109	2.00	1.81	
Toluene*	<0.050	0.050	03/19/2024	ND	2.11	106	2.00	1.60	
Ethylbenzene*	<0.050	0.050	03/19/2024	ND	2.15	107	2.00	0.908	
Total Xylenes*	<0.150	0.150	03/19/2024	ND	6.40	107	6.00	0.807	
Total BTEX	<0.300	0.300	03/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/20/2024	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	192	96.0	200	2.82	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	200	99.8	200	6.32	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	85.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.0	% 49.1-14	8						

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Analytical Results For:

ENSOLUM TACOMA MORRISSEY 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2024 Reported: 03/22/2024

Project Name: PLU 18 TWR BATTERY

Project Number: 03C1558316

Project Location: XTO 32.20628, -103.82416 Sampling Date: 03/18/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

Sample ID: PH 04 0.5' (H241389-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2024	ND	2.18	109	2.00	1.81	
Toluene*	<0.050	0.050	03/19/2024	ND	2.11	106	2.00	1.60	
Ethylbenzene*	< 0.050	0.050	03/19/2024	ND	2.15	107	2.00	0.908	
Total Xylenes*	<0.150	0.150	03/19/2024	ND	6.40	107	6.00	0.807	
Total BTEX	<0.300	0.300	03/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 %	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/20/2024	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	192	96.0	200	2.82	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	200	99.8	200	6.32	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	93.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.0	% 49.1-14	8						

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03/18/2024

Soil

Analytical Results For:

ENSOLUM TACOMA MORRISSEY 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2024 Sampling Date:
Reported: 03/22/2024 Sampling Type:

Project Name: PLU 18 TWR BATTERY Sampling Condition: Cool & Intact
Project Number: 03C1558316 Sample Received By: Dionica Hinojos

Project Location: XTO 32.20628, -103.82416

Sample ID: PH 04A 3' (H241389-08)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2024	ND	2.18	109	2.00	1.81	
Toluene*	<0.050	0.050	03/19/2024	ND	2.11	106	2.00	1.60	
Ethylbenzene*	<0.050	0.050	03/19/2024	ND	2.15	107	2.00	0.908	
Total Xylenes*	<0.150	0.150	03/19/2024	ND	6.40	107	6.00	0.807	
Total BTEX	<0.300	0.300	03/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/20/2024	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	206	103	200	0.762	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	206	103	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	99.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.5	% 49.1-14	8						

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Sampling Condition:

Sample Received By:

03/18/2024

Cool & Intact

Dionica Hinojos

Analytical Results For:

ENSOLUM TACOMA MORRISSEY 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2024 Sampling Date:

Reported: 03/22/2024 Sampling Type: Soil

Project Name: PLU 18 TWR BATTERY
Project Number: 03C1558316

Project Location: XTO 32.20628, -103.82416

Sample ID: PH 05 0.5' (H241389-09)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2024	ND	2.18	109	2.00	1.81	
Toluene*	<0.050	0.050	03/19/2024	ND	2.11	106	2.00	1.60	
Ethylbenzene*	<0.050	0.050	03/19/2024	ND	2.15	107	2.00	0.908	
Total Xylenes*	<0.150	0.150	03/19/2024	ND	6.40	107	6.00	0.807	
Total BTEX	<0.300	0.300	03/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/20/2024	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	206	103	200	0.762	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	206	103	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	73.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.6	% 49.1-14							

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Analytical Results For:

ENSOLUM TACOMA MORRISSEY 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2024 Reported: 03/22/2024

Project Name: PLU 18 TWR BATTERY

Project Number: 03C1558316

Project Location: XTO 32.20628, -103.82416 Sampling Date: 03/18/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

Sample ID: PH 05A 3' (H241389-10)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2024	ND	2.18	109	2.00	1.81	
Toluene*	<0.050	0.050	03/19/2024	ND	2.11	106	2.00	1.60	
Ethylbenzene*	<0.050	0.050	03/19/2024	ND	2.15	107	2.00	0.908	
Total Xylenes*	<0.150	0.150	03/19/2024	ND	6.40	107	6.00	0.807	
Total BTEX	<0.300	0.300	03/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/20/2024	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	206	103	200	0.762	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	206	103	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.7	% 49.1-14	8						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keine

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Company Name: Ensolum, LLC

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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March 22, 2024

TACOMA MORRISSEY
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: PLU 18 TWR BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/18/24 14:38.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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/ga/lab_accred_certif.html.

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

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

Celey D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM TACOMA MORRISSEY 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2024 Reported: 03/22/2024

Project Name: PLU 18 TWR BATTERY

Project Number: 03C1558316

Project Location: XTO 32.20628, -103.82416

Sampling Date: 03/18/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: FS 01 2' (H241392-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/20/2024	ND	2.18	109	2.00	1.81	
Toluene*	<0.050	0.050	03/20/2024	ND	2.11	106	2.00	1.60	
Ethylbenzene*	<0.050	0.050	03/20/2024	ND	2.15	107	2.00	0.908	
Total Xylenes*	<0.150	0.150	03/20/2024	ND	6.40	107	6.00	0.807	
Total BTEX	<0.300	0.300	03/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	03/20/2024	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	206	103	200	0.762	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	206	103	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.9	% 49.1-14	8						

Applyand By 14

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Analytical Results For:

ENSOLUM TACOMA MORRISSEY 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2024 Reported: 03/22/2024

PLU 18 TWR BATTERY

Project Number: 03C1558316

Project Location: XTO 32.20628, -103.82416 Sampling Date: 03/18/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

Sample ID: FS 02 2' (H241392-02)

Project Name:

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/20/2024	ND	2.18	109	2.00	1.81	
Toluene*	<0.050	0.050	03/20/2024	ND	2.11	106	2.00	1.60	
Ethylbenzene*	<0.050	0.050	03/20/2024	ND	2.15	107	2.00	0.908	
Total Xylenes*	<0.150	0.150	03/20/2024	ND	6.40	107	6.00	0.807	
Total BTEX	<0.300	0.300	03/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/20/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	206	103	200	0.762	
DRO >C10-C28*	44.6	10.0	03/19/2024	ND	206	103	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	95.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.8	% 49.1-14	8						

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Analytical Results For:

ENSOLUM TACOMA MORRISSEY 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2024 Reported: 03/22/2024

Project Name: PLU 18 TWR BATTERY

Project Number: 03C1558316

Project Location: XTO 32.20628, -103.82416

mg/kg

Sampling Date: 03/18/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: FS 03 2' (H241392-03)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/20/2024	ND	2.18	109	2.00	1.81	
Toluene*	<0.050	0.050	03/20/2024	ND	2.11	106	2.00	1.60	
Ethylbenzene*	<0.050	0.050	03/20/2024	ND	2.15	107	2.00	0.908	
Total Xylenes*	<0.150	0.150	03/20/2024	ND	6.40	107	6.00	0.807	
Total BTEX	<0.300	0.300	03/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	03/20/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	206	103	200	0.762	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	206	103	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	99.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.3	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

ENSOLUM TACOMA MORRISSEY 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2024 Reported: 03/22/2024

Project Name: PLU 18 TWR BATTERY

Project Number: 03C1558316

Project Location: XTO 32.20628, -103.82416

Sampling Date: 03/18/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: SW 01 0-2' (H241392-04)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/20/2024	ND	2.18	109	2.00	1.81	
Toluene*	<0.050	0.050	03/20/2024	ND	2.11	106	2.00	1.60	
Ethylbenzene*	<0.050	0.050	03/20/2024	ND	2.15	107	2.00	0.908	
Total Xylenes*	<0.150	0.150	03/20/2024	ND	6.40	107	6.00	0.807	
Total BTEX	<0.300	0.300	03/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/20/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	206	103	200	0.762	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	206	103	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	89.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.8	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

ENSOLUM TACOMA MORRISSEY 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/18/2024 Sampling Date: 03/18/2024

Reported: 03/22/2024 Sampling Type: Soil

Project Name: PLU 18 TWR BATTERY Sampling Condition: Cool & Intact
Project Number: 03C1558316 Sample Received By: Dionica Hinojos

Applyzod By: 14

Project Location: XTO 32.20628, -103.82416

Sample ID: SW 02 0-2' (H241392-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/20/2024	ND	2.18	109	2.00	1.81	
Toluene*	<0.050	0.050	03/20/2024	ND	2.11	106	2.00	1.60	
Ethylbenzene*	<0.050	0.050	03/20/2024	ND	2.15	107	2.00	0.908	
Total Xylenes*	<0.150	0.150	03/20/2024	ND	6.40	107	6.00	0.807	
Total BTEX	<0.300	0.300	03/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/20/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	206	103	200	0.762	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	206	103	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	94.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.6	% 49.1-14	8						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene



TOPOSE Manager: TALOUTINA MORKISCEY ANALYSIS REQUEST ANALYSIS RE	Yes A No Add Phone #: We en Solum. Com, modelle ensolum. Co dent #: NRPP2400849152	lighturs, kross of teas, or bass of profile incurred in claim is bassed upon any of the above state.	Date: 3-18-34		veiou by: (Lac
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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 355702

QUESTIONS

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	355702
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2400849152
Incident Name	NAPP2400849152 PLU 18 TWR BATTERY @ 0
Incident Type	Produced Water Release
Incident Status	Deferral Request Approved

Location of Release Source					
Please answer all the questions in this group.					
Site Name	PLU 18 TWR Battery				
Date Release Discovered	12/23/2023				
Surface Owner	Federal				

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications fo	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Corrosion Valve Crude Oil Released: 7 BBL Recovered: 6 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion Valve Produced Water Released: 16 BBL Recovered: 14 BBL Lost: 2 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 355702

QUESTIONS (continued)	
	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:

Action Number: 355702
Action Type:

[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Operator:

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

nitial 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.

Name: Garrett Green
Title: SHE Coordinator
Email: garrett.green@exxonmobil.com

Date: 01/08/2024

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QUESTIONS, Page 3

Action 355702

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	355702
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	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 ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 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 ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

ovided to the appropriate district office no later than 90 days after the release discovery date.		
Yes		
tamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
d Yes		
No		
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
414		
771		
717		
0		
0		
completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC		
02/21/2024		
03/18/2024		
03/18/2024		
8750		
650		
d 340		
30		
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.		

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

District I

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Phone:(505) 334-6178 Fax:(505) 334-6170 <u>District IV</u>

<u>District IV</u> 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 4

Action 355702

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	355702
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]
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	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

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

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

I hereby agree and sign off to the above statement

Name: Alan Romero Title: Regulatory Analyst

Email: alan.romero1@exxonmobil.com

Date: 06/18/2024

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

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

QUESTIONS, Page 5

Action 355702

QUESTIONS	(continued)
QUESTIONS:	COHUHUCU <i>i</i>

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Operator: XTO ENERGY, INC	OGRID: 5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	355702
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)
QUESTIONS	
Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each	of the following items must be confirmed as part of any request for deferral of remediation.
Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Between March 4 and March 18, 2024, Ensolum personnel returned to the Site to oversee delineation and excavation activities. Soil was excavated to the maximum extent possible (MEP) with hand shovels in the release area where impacted soil was identified. XTO is requesting deferral of final remediation due to the presence of active production equipment and process piping preventing full excavation of impacted soil. The estimated area of remaining impacted soil measures an area of 510 square feet, and a total of approximately 40 cubic yards of impacted soil remains in place, assuming a depth of 2 feet bgs based on confirmation soil sample laboratory analytical results. XTO does not believe deferment will result in imminent risk to human health, the environment, or groundwater. Depth to groundwater was determined to be greater than 100 feet, and the entirety of the release remained on pad.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	510
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	40
	diately under or around production equipment such as production tanks, wellheads and pipelines where n may be deferred with division written approval until the equipment is removed during other operations, or when
Enter the facility ID (f#) on which this deferral should be granted	PLU 18 TWIN WELLS RANCH WEST [fAPP2126740996]
Enter the well API (30-) on which this deferral should be granted	Not answered.
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed e which includes the anticipated timelines for beginning and completing the remediation.	fforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC
to report and/or file certain release notifications and perform corrective actions for rele the OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface rt does not relieve the operator of responsibility for compliance with any other federal, state, or

Name: Alan Romero Title: Regulatory Analyst

Email: alan.romero1@exxonmobil.com Date: 06/18/2024

I hereby agree and sign off to the above statement

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QUESTIONS, Page 6

Action 355702

QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	355702
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	323168
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/18/2024
What was the (estimated) number of samples that were to be gathered	14
What was the sampling surface area in square feet	2800

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 355702

CONDITIONS

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	355702
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created E	ty Condition	Condition Date
rhamle	App ID: 355495 and App ID: 355702 appear to be duplicates of each other. Deferral has already been approved.	6/27/2024