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Oil Conservation Division

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Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.			
\square A scaled site and sampling diagram as described in 19.15.29	A scaled site and sampling diagram as described in 19.15.29.11 NMAC		
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)			
Laboratory analyses of final sampling (Note: appropriate OD	OC District office must be notified 2 days prior to final sampling)		
Description of remediation activities			
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.			
Printed Name: _ Garrett Green	Title: _SSHE Coordinator		
Signature:			
OCD Only Received by: Jocelyn Harimon	Date: 03/29/2023		
Received by: Date:03/29/2023			
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.			
Closure Approved by: <u>Robert Hamlet</u>	Date: <u>8/15/2023</u>		
Printed Name: Robert Hamlet	Title: Environmental Specialist - Advanced		

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Page 2 lof 60

Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

)

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Release Notification

Responsible Party

Responsible Party XTO Energy	OGRID 5380	
Contact Name Garrett Green	Contact Telephone 575-200-0729	
Contact email garrett.green@exxonmobil.com Incident # (assigned by OCD)		
Contact mailing address 3104 E. Greene Street, Carlsbad, New Mexico, 88220		

Location of Release Source

32.103710 Latitude

Longitude -103.831225 (NAD 83 in decimal degrees to 5 decimal places)

Site Name PLU Brushy Draw 25 Satellite Tank Battery	Site Type Tank battery
Date Release Discovered 8/8/2022	API# (if applicable)

Unit Let	ter Sect	tion T	ownship	Range	County
₿ (3 2:	5	258	30E	Eddy

Surface Owner: State 💌 Federal 🗌 Tribal 🗌 Private (Name: _____

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)				
Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)		
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)		
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	Yes No		
✗ Condensate	Volume Released (bbls) 0.24	Volume Recovered (bbls) 0.00		
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)		
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)		
Cause of Release Drain valve was plugged, causing fluids to exit flare and ignite on grass below. LO was able to extinguish the fire without the use of a fire extinguisher. A third-party operator has been retained for remediation purposes.				

NA

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Oil Conservation Division

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Was this a major	If YES, for what reason(s) does the responsible party consider this a major release?
release as defined by	A release that results in a fire or is the result of a fire.
19.15.29.7(A) NMAC?	
🗶 Yes No	
If YES, was immediate ne	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Yes, by Garrett Green to c	ocd.enviro@state.nm.us, Mike Bratcher, and Robert Hamlet, on 08/08/2022 via email.

Initial Response

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

 \checkmark The source of the release has been stopped.

★ The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

▲ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have <u>not</u> been undertaken, explain why:

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

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

Printed Name:	Title: SSHE Coordinator
Signature:	Date: <u>8/22/2022</u> Telephone: <u>575-200-0729</u>
OCD Only Received by: Jocelyn Harimon	Date:08/22/2022

Location:	PLU 25 Brushy Draw Satellite TB		
Spill Date:	8/8/2022		
	Area 1		
Approximate A	rea =	1056.00	sq. ft.
Average Satura	tion (or depth) of spill =	0.50	inches
Average Porosity Factor =		0.03	
VOLUME OF LEAK			
Total Condensate = 0.24 bbls		bbls	
Total Produced Water =		0.00	bbls
TOTAL VOLUME OF LEAK			
Total Condens	ate =	0.24	bbls
Total Produced Water =		0.00	bbls
TOTAL VOLUME RECOVERED			
Total Condens	ate =	0.00	bbls
Total Produced	Water =	0.00	bbls

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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

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

CONDITIONS

Operator:	OGRID:	
XTO ENERGY, INC	5380	
6401 Holiday Hill Road	Action Number:	
Midland, TX 79707	136485	
	Action Type:	
	[C-141] Release Corrective Action (C-141)	
CONDITIONS		

Created By Condition Condition Date 8/22/2022 jharimon None

CONDITIONS

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Action 136485

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Oil Conservation Division

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Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

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

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- \square Depth to water determination
- Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

Received by OCD: 3/29/	2023 7:17:54 AM State of New Mexico			Page 7 of 60
			Incident ID	NAPP2223450771
Page 4	Oil Conservation Divis	10 n	District RP	
			Facility ID	
			Application ID	
regulations all operators i public health or the envir failed to adequately inves addition, OCD acceptance and/or regulations. Printed Name: _ Garree Signature:	nformation given above is true and complete t are required to report and/or file certain releas onment. The acceptance of a C-141 report by stigate and remediate contamination that pose e of a C-141 report does not relieve the opera tt Green	the notifications and perform converted the OCD does not relieve the a threat to groundwater, surfactor of responsibility for comp	orrective actions for rele e operator of liability sh ace water, human health liance with any other fe	eases which may endanger ould their operations have or the environment. In deral, state, or local laws
OCD Only Received by: Jo	celyn Harimon	Date:03	/29/2023	

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Oil Conservation Division

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Closure

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

<u>Closure Report Attachment Checklist</u> : Each of the following	items must be included in the closure report.
\square A scaled site and sampling diagram as described in 19.15.29.	11 NMAC
Photographs of the remediated site prior to backfill or photomust be notified 2 days prior to liner inspection)	s of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
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Signature:Statt Sum	Date:03/06/2023
email:garrett.green@exxonmobil.com	Telephone:575-200-0729
OCD Only	
Received by: Jocelyn Harimon	Date: 03/29/2023
	y of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible /or regulations.
Closure Approved by:	Date:
Printed Name:	Title:

ENSOLUM

March 6, 2023

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

Re: Revised Closure Request PLU Brushy Draw 25 Satellite Tank Battery Incident Number NAPP2223450771 Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of XTO Energy, Inc. (XTO), has prepared this *Revised Closure Request* to update information pertaining to site assessment and soil sampling activities at the PLU Brushy Draw 25 Satellite Tank 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 condensate and flare fire at the Site. An original report dated November 4, 2022 was denied by the New Mexico Oil Conservation Division (NMOCD) based on sample temperature. Following additional discussion and as instructed by the NMOCD, XTO is submitting this *Revised Closure Request* for Incident Number NAPP2223450771.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit G, Section 25, Township 25 South, Range 30 East, in Eddy County, New Mexico (32.103710°N, 103.831225°W) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On August 8, 2022, a drain valve was plugged causing approximately 0.24 barrels (bbls) of condensate to exit the flare and ignite. The flare fire reached the edge of the well pad causing pasture grasses to also ignite. There were no fluids to recover, and the fire extinguished without use of a fire extinguisher. XTO immediately reported the release to the New Mexico Oil Conservation Division (NMOCD) via email on August 8, 2022 and submitted a Release Notification Form C-141 (Form C-141) on August 22, 2022. The release was assigned Incident Number NAPP2223450771.

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 on page 3 of the Form C-141, Site Assessment/Characterization.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on a recent soil boring drilled for determination of regional groundwater depth. On February 24, 2021, a soil boring (C-4498) was drilled approximately 0.5 miles southwest of the Site utilizing a truck-mounted hollow-stem auger rig. Soil boring C-4498 was drilled to a depth of 109 feet bgs. A field

XTO Energy, Inc Closure Request PLU Brushy Draw 25 Satellite Tank Battery

geologist logged and described soils continuously. No moisture or groundwater was encountered during drilling activites. The borehole was left open for over 72 hours to allow for potential slow infill of groundwater. After the 72-hour waiting period without observing groundwater, it was confirmed that groundwater beneath the Site is greater than 109 feet bgs. The borehole was properly abandoned with drill cuttings and hydrated bentonite chips. The Well Record and Log is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a dry wash, located approximately 768 feet south 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 from 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 (medium potential karst designation area). Potential site receptors are identified on Figure 1.

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

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

A reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH was applied within the top 4 feet in the pasture area of where the release extent occurred.

SITE ASSESSMENT AND DELINEATION ACTIVITIES

On October 3, 2022, site assessment and delineation activities were conducted to evaluate the release extent based on information provided on the Form C-141 and visual observations. Ensolum personnel advanced three boreholes (BH01 through BH03) via hand auger to assess the vertical and lateral extent of the release. Two discrete delineation soil samples were collected from each borehole at depths of 0.5 feet bgs and 1-foot bgs. The delineation soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach[®] chloride QuanTab[®] test strips. Field screening results and observations for the delineation soil samples were logged on lithologic soil sampling logs, which are included in Appendix B. The release extent and soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation is included in Appendix C.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Eurofins Laboratories (Eurofins) in Carlsbad, New Mexico, for analysis of the following constituents of concern (COC): 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. The soil samples were submitted to Eurofins within hours of collection and had not fully equilibrated to the 6 degrees Celcius required for shipment and long-term storage. However, the soil samples were considered to have been received in acceptable condition by the receiving laboratory.



XTO Energy, Inc Closure Request PLU Brushy Draw 25 Satellite Tank Battery

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for all delineation soil samples (BH01/BH01A through BH03/BH03A) indicated COC concentrations are in compliance with the Site Closure Criteria and the reclamation requirement applied in the top 4 feet of off-pad areas. Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included in Appendix D. NMOCD notifications for the sampling events are included in Appendix E.

CLOSURE REQUEST

Site assessment and delineation activities were conducted at the Site to assess for the presence or absence of impacted soil from the August 8, 2022 release of condensate and flare fire. Laboratory analytical results for all delineation soil samples indicated COC concentrations were in compliance with the Site Closure Criteria and the reclamation requirement.

Depth to groundwater has been estimated to be greater than 100 feet bgs and no other sensitive receptors were identified near the release extent. Based on laboratory analytical results compliant with Closure Criteria, no further remediation was required. In addition, XTO has discussed this release and sample temperatures with Mr. Robert Hamlet to confirm the laboratory analytical reports are acceptable in this instance based on relatively low concentrations of TPH detected. As such, XTO respectfully requests closure for Incident Number NAPP2223450771.

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

Sincerely, Ensolum, LLC

Mouissey

Tacoma Morrissey Senior Geologist

ashley L. ager

Ashley L. Ager, P.G. Program Director

cc: Garrett Green, XTO Shelby Pennington, XTO Bureau of Land Management

Appendices:

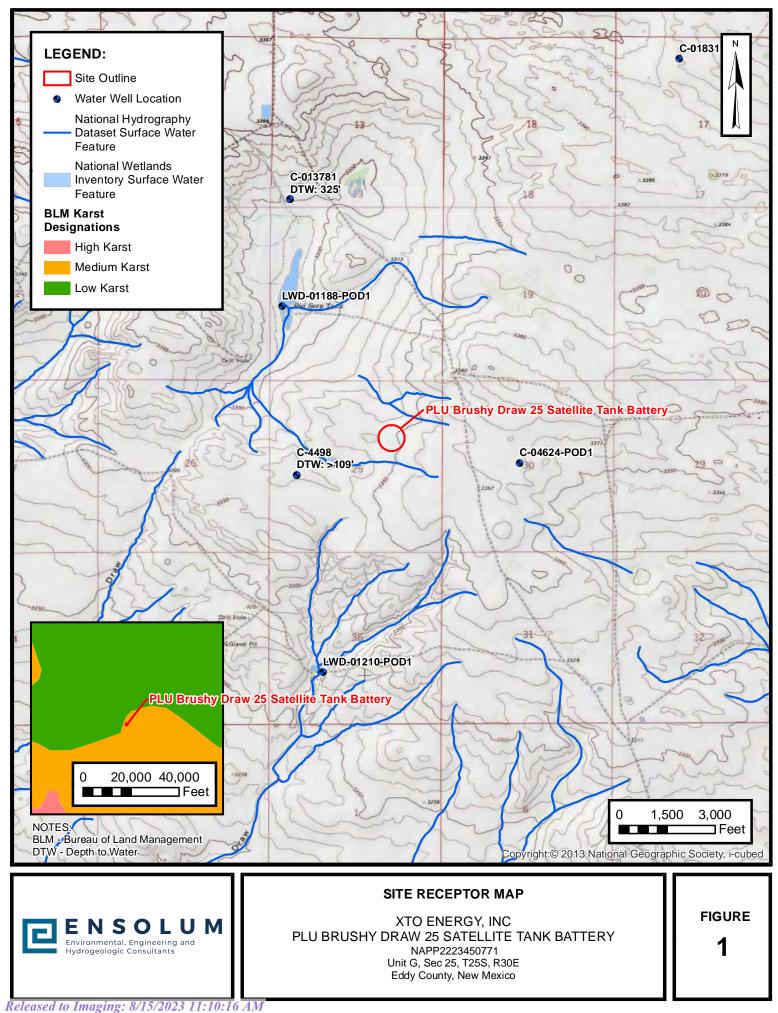
- Figure 1 Site Receptor Map
- Figure 2 Delineation Soil Sample Locations
- Table 1Soil Sample Analytical Results
- Appendix A Referenced Well Records
- Appendix B Lithology Soil Sampling Logs
- Appendix C Photographic Log
- Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation
- Appendix E NMOCD Notifications



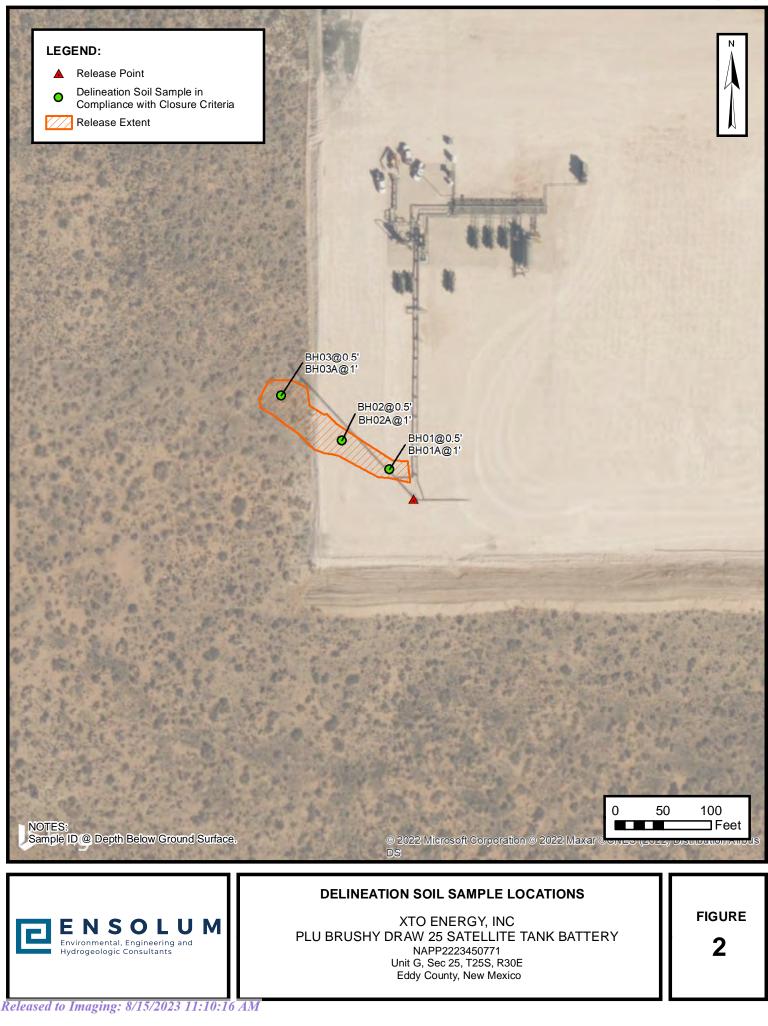


FIGURES

Received by OCD: 3/29/2023 7:17:54 AM



Received by OCD: 3/29/2023 7:17:54 AM





TABLES

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Released to Imaging: 8/15/2023 11:10:16 AM

TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS PLU Brushy Draw 25 Satellite Tank 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 1 C	losure Criteria (l	NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
				Del	ineation Soil Sam	ples				
BH01	10/03/2022	0.5	<0.00200	< 0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	35.4
BH01A	10/03/2022	1	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	95.1
BH02	10/03/2022	0.5	<0.00199	<0.00398	<50.0	86.4	<50.0	86.4	86.4	29.6
BH02A	10/03/2022	1	<0.00200	< 0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	30.1
BH03	10/03/2022	0.5	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	23.2
BH03A	10/03/2022	1	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	17.2

Notes:

bgs: below ground surface mg/kg: milligrams per kilogram NMOCD: New Mexico Oil Conservation Division BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes Concentrations in bold exceed the NMOCD Table 1 Closure Criteria or reclamation GRO: Gasoline Range Organics DRO: Diesel Range Organics ORO: Oil Range Organics TPH: Total Petroleum Hydrocarbon

standard where applicable.



APPENDIX A

Referenced Well Records



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

NO	OSE POD NO POD1 (BI		,, ,,		WELL TAG ID NO. n/a			OSE FILE NO(3 C-4498	S).		
OCATI	WELL OWNE XTO Energ	gy (Kyle	Littrell)					PHONE (OPTIC	ONAL)		
MELL I	WELL OWNE 6401 Holid							CITY Midland		state TX 79707	ZIP
GENERAL AND WELL LOCATION	WELL LOCATIO (FROM GP	S)	TITUDE	EGREES 32° -103°	MINUTES 6' 50'	SECON 1.9 26.1	6" N		REQUIRED: ONE TENT QUIRED: WGS 84	TH OF A SECOND	
1. GENH		ON RELATI	NGITUDE NG WELL LOCATION TO T25S R30E	O STREET ADDI	RESS AND COMMON			L S (SECTION, TO	WNSHJIP, RANGE) WH	ERE AVAILABLE	
	LICENSE NO 124		NAME OF LICENSED		Jackie D. Atkins				NAME OF WELL DRI Atkins Eng	ILLING COMPANY incering Associates,	Inc.
	DRILLING ST 02/24/		DRILLING ENDED 02/24/2021		MPLETED WELL (Fi rary well materia			le depth (ft) 109	DEPTH WATER FIRS	ST ENCOUNTERED (FT n/a)
N	COMPLETEI	O WELL IS:	ARTESIAN	DRY HO	LE 🗍 SHALLO	W (UNCC	NFINED)		STATIC WATER LEV	EL IN COMPLETED WI n/a	ELL (FT)
ATIC	DRILLING FI	LUID:		MUD	ADDITIV	'ES – SPE	CIFY:				
DRM	DRILLING M	ETHOD:	ROTARY	HAMME	R 🗍 CABLE T	OOL	✓ OTHE	R - SPECIFY:	Hollo	w Stem Auger	
2. DRILLING & CASING INFORMATION	DEPTH FROM	(feet bgl) TO	BORE HOLE DIAM (inches)	(include	MATERIAL AND GRADE each casing string, sections of screen)	and	CONN	ASING NECTION TYPE ling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
& C	0	109	±6.5		Boring- HSA			-			
ING											
ILL					· · · · · · · · · · · · · · · · · · ·		• • • • •				
2. DE					- <u>-</u>						
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									USE DI MAR	11 2021 pm4;2	
				_							
	DEPTH	(feet bgl)	BORE HOLE		ST ANNULAR SI				AMOUNT	METHO	
RIAI	FROM	то	DIAM. (inches)	GRA	VEL PACK SIZE	-RANGI	E BY INTE	ERVAL	(cubic feet)	PLACE	MENI
ATE											
R M											
ANNULAR MATERIAL							·	<u>.</u>			
ANN											
3. /											

TOR ODD MITERATE ODD			
FILE NO. C- 4498	POD NO.	TRN NO. 682528	
LOCATION 132	T253 R 30E Sec 25	WELL TAG ID NO.	PAGE 1 OF 2

	• • • • ·											
	DEPTH (1 FROM	feet bgl) TO	THICKNESS (feet)	INCLUDE WATE	ND TYPE OF MA ER-BEARING CA pplemental sheets	VITIES O	R FRAC	TURE ZONE	s	WAT BEAR (YES /	ING?	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	0	34	34	Cal	iche, tan, no odor,	, no stain, g	ravel, dr	у		Y	√ N	
	34	40	6	sand/ cacliche,	, tan, no odor, no s	stain, m-f g	ain, wel	l sorted, dry		Y	✓ N	
	40	56	16	sand, tan,	no odor, no stain,	m-f grain,	well sor	ted, dry		Y	√ N	
	56	72	16	sandstone, low consol	lidation, tan, no od	lor, no stain	, m-f gr	ain, well sorted	l, dry	Y	√ N	
	72	79	7		no odor, no stain,					Y	√ N	
د	79	109	30	sandstone, low - mediu	, .				ted, m	Y	√ N	
4. HYDROGEOLOGIC LOG OF WELL										Y	N	
OF V								, , ,		Y	N	
50										<u> </u>	N	
Ð										Y	N	
150											N	
EOL										 Y	N	
tog										 Y	N	
YDB											N	
4 H		·····		1							N	
											N	
						· · ·					N	
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										<u>г</u> Ү	N	
											N	
											N	
	METHODI			 O OF WATER-BEARIN	C STD ATA.				TOT	AL ESTIM		
			IR LIFT		THER - SPECIFY	7:				L YIELD		0.00
NOIS	WELL TES			ACH A COPY OF DAT								
TEST; RIG SUPERVIS	MISCELLA	NEOUS INF	fe	emporary well materi et below ground surfa ogs adapted from WS	ace, then hydrat	ed bentoni	oring b te chips	s from ten fee	t belo	w ground	surface	tal depth to ten to surface.
R								ن السام ا	ر المحملة المسلكة الم	a naciina L	لدينوار البلم المد	, maning , <u>an s</u>
EST	PRINT NAM	Æ(S) OF D	RILL RIG SUPE	RVISOR(S) THAT PRC	VIDED ONSITE	SUPERVI	SION O	F WELL CON	STRU	CTION OT	THER TH	IAN LICENSEE:
5.7	Shane Eldri	dge										
SIGNATURE	CORRECT I	RECORD O	F THE ABOVE I	FIES THAT, TO THE E DESCRIBED HOLE AN 30 DAYS AFTER COM	ND THAT HE OR	SHE WIL	L FILE '					
6. SIGN	Jack k	Atkins		Ja	ickie D. Atkins			<u></u>		03/11	/2021	
-		SIGNAT	URE OF DRILLE	ER / PRINT SIGNEE	NAME						DATE	
EO	D OGE INITED	NAL LICE						WD 30 WE	ו סבי	ግ ብ መ ጠ ድ ፣	06.02~	rsion 06/30/2017)
	E NO.	. 449	પ્ર		POD NO.	1		TRN NO.	69	$\frac{25}{2}$, 52	-8	(510/1 00/ 30/ 2017)
	CATION	$\frac{1}{32}$		55 R3DE	5.0.5		WELL	TAG ID NO.		NA		PAGE 2 OF 2



APPENDIX B

Lithologic Soil Sampling Logs

					Sample Name: BH01	Date: 10/3/22
		I D	OLU		Incident Number: NAPP222345	
					Job Number: 03E1558113	
			SAMPLING LOG		Logged By: Kase Parker	Method: Hand Auger
Loordinates: 32					Hole Diameter: ~4"	Total Depth: 1'
			vith HACH Chloride Tes	t Strips and	PID for chloride and vapor, res	
			il to distilled water. A 4			
Moisture Content Chloride (ppm)	Vapor (ppm) Staining	Sample ID	Sample Depth (ft bgs)	USCS/Rock Symbol	Lithologic [Descriptions
M <168	0.1 N	BH01	0.5'	CCHE	0 -1', CALICHE with silt ar brown, no stain and odor	
M <168	0.0 N	BH01A	<u>1' T 1</u>			

						Sample Name: BH02	Date: 10/3/22
	ΕN	S	OL		Μ	Site Name: PLU 25 BD Satellite B	
						Incident Number: NAPP2223450	//1
						Job Number: 03E1558113	
		-	SAMPLING	LOG		Logged By: Kase Parker	Method: Hand Auger
Coordinates: 32				larida Tast (Ctring and	Hole Diameter: ~4" PID for chloride and vapor, respe	Total Depth: 1'
performed with	-						ctively. Chionde test
Moisture Content Chloride (ppm)	Vapor (ppm) Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs) 0	USCS/Rock Symbol	Lithologic De	escriptions
M <168	0.0 N	BH02	0.5'		CCHE	0 - 1', CALICHE with silt and brown, no stain, no odor.	d gravel, moist,
M <168	0.0 N	BH02A	1'	1			

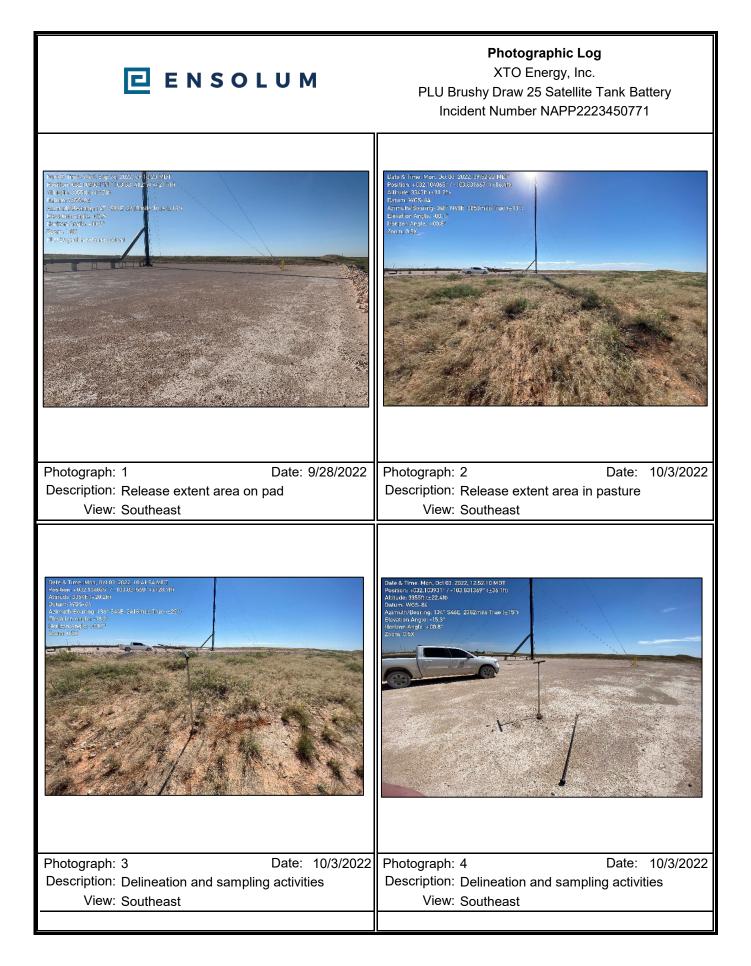
							Sample Name: BH03	Date: 10/3/22				
			C				Site Name: PLU 25 BD Satellite Bat					
C		N	3		. U		Incident Number: NAPP22234507					
							Job Number: 03E1558113					
 	LITHO		SOIL S	AMPLING	LOG		Logged By: Kase Parker	Method: Hand Auger				
Coordinates:							Hole Diameter: ~4"	Total Depth: 1'				
				ith HACH Ch	loride Test S	Strips and	PID for chloride and vapor, respect					
		-					ctor is included.					
Moisture Content Chloride (nnm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Des	criptions				
				Ц	0							
M <16	8 0.0	N B	3H03	0.5'	- - -		0 - 1', SAND, moist, brown, f graded, no stain and odor.	fine grain, poorly				
M <16	8 0.0	N Bł	H03A	1' -	1							
		M <168 0.0 N BH03A 1' T 1										



APPENDIX C

Photographic Log

Released to Imaging: 8/15/2023 11:10:16 AM





APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation

Received by OCD: 3/29/2023 7:17:54 AM

LINKS

Review your project results through

EOL

Have a Question?

www.eurofinsus.com/Env

Released to Imaging: 8/15/2023 11:10:16 AM

Visit us at:

Ask— The Expert

🔅 eurofins

Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad 1089 N Canal St. Carlsbad, NM 88220 Tel: (575)988-3199

Laboratory Job ID: 890-3133-1

Laboratory Sample Delivery Group: 03E1558113 Client Project/Site: PLU 25 BD Satellite Battery Revision: 1

For:

Ensolum 705 W. Wadley Suite 210 Midland, Texas 79701

Attn: Ben Belill

RAMER

Authorized for release by: 10/12/2022 11:50:19 AM

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

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

SDG: 03E1558113

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Surrogate Summary	10
QC Sample Results	11
QC Association Summary	17
Lab Chronicle	20
Certification Summary	22
Method Summary	23
Sample Summary	24
Chain of Custody	25
	26

	D: 3/29/2023 7:17:54 AM		f 6
	Definitions/Glossary		
Client: Ensolu		Job ID: 890-3133-1	ŝ
Project/Site: I	PLU 25 BD Satellite Battery	SDG: 03E1558113	
Qualifiers			
GC VOA			ł
Qualifier	Qualifier Description		
F1	MS and/or MSD recovery exceeds control limits.		1
F2	MS/MSD RPD exceeds control limits		
S1-	Surrogate recovery exceeds control limits, low biased.		1
S1+	Surrogate recovery exceeds control limits, high biased.		
U	Indicates the analyte was analyzed for but not detected.		
GC Semi VO	A		
Qualifier	Qualifier Description		
S1-	Surrogate recovery exceeds control limits, low biased.		
U	Indicates the analyte was analyzed for but not detected.		
HPLC/IC			
Qualifier	Qualifier Description		
U	Indicates the analyte was analyzed for but not detected.		
	······································		
Glossary			
Abbreviation	These commonly used abbreviations may or may not be present in this report.		
	Listed under the "D" column to designate that the result is reported on a dry weight basis		
%R CFL	Percent Recovery Contains Free Liquid		4
CFU	Colony Forming Unit		
CNF	Contains No Free Liquid		
DER	Duplicate Error Ratio (normalized absolute difference)		
Dil Fac	Dilution Factor		
DL	Detection Limit (DoD/DOE)		
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample		
DLC	Decision Level Concentration (Radiochemistry)		
EDL	Estimated Detection Limit (Dioxin)		
LOD	Limit of Detection (DoD/DOE)		
LOQ	Limit of Quantitation (DoD/DOE)		
MCL	EPA recommended "Maximum Contaminant Level"		
MDA	Minimum Detectable Activity (Radiochemistry)		
MDC	Minimum Detectable Concentration (Radiochemistry)		
MDL	Method Detection Limit		
ML	Minimum Level (Dioxin)		
MPN	Most Probable Number		
MQL	Method Quantitation Limit		
NC	Not Calculated		
ND	Not Detected at the reporting limit (or MDL or EDL if shown)		
NEG	Negative / Absent		

Positive / Present

Presumptive

Quality Control

Practical Quantitation Limit

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Reporting Limit or Requested Limit (Radiochemistry)

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

POS

PQL PRES

QC

RER

RL RPD

TEF TEQ

TNTC

Job ID: 890-3133-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-3133-1

REVISION

The report being provided is a revision of the original report sent on 10/11/2022. The report (revision 1) is being revised due to Per client email, requesting TPH re run.

Report revision history

Receipt

The samples were received on 10/3/2022 3:37 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 19.0°C

Receipt Exceptions

The following samples analyzed for method <FRACTION_METHOD> were received and analyzed from an unpreserved bulk soil jar: BH01 (890-3133-1), BH01A (890-3133-2), BH02 (890-3133-3), BH02A (890-3133-4), BH03 (890-3133-5) and BH03A (890-3133-6). SAMPLES RECEIVED IN UNPRESERVED BULK SOLID

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-36587 and analytical batch 880-36501 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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 880-36186 and analytical batch 880-36113 was outside the upper control limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-36705 and analytical batch 880-36635 was outside the upper control limits.

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

HPLC/IC

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

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Client: Ensolum Project/Site: PLU 25 BD Satellite Battery

Client Sample ID: BH01 Date Collected: 10/03/22 10:00 Date Received: 10/03/22 15:37

Method: SW846 8021B - Vo	latile Organic	Compound	ds (GC)				
Analyte	-	Qualifier	RL	Unit	D	Prepared	Analyzed
Benzene	<0.00200	U	0.00200	mg/Kg		10/10/22 13:15	10/11/22 04:26
Toluene	<0.00200	U	0.00200	mg/Kg		10/10/22 13:15	10/11/22 04:26
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		10/10/22 13:15	10/11/22 04:26
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		10/10/22 13:15	10/11/22 04:26
o-Xylene	<0.00200	U	0.00200	mg/Kg		10/10/22 13:15	10/11/22 04:26
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		10/10/22 13:15	10/11/22 04:26
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed
4-Bromofluorobenzene (Surr)	127		70 - 130			10/10/22 13:15	10/11/22 04:26
1,4-Difluorobenzene (Surr)	75		70 - 130			10/10/22 13:15	10/11/22 04:26

Method: TAL SOP Total BTEX -	Total BTE	X Calculat	ion					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg	:		10/11/22 09:03	1

Method: SW846 8015 NM - Die	sel Range Organics (I	DRO) (GC)						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.9 U	49.9	mg/Kg			10/06/22 11:00	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)											
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac			
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		10/05/22 14:06	10/06/22 02:56	1			
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 14:06	10/06/22 02:56	1			
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 14:06	10/06/22 02:56	1			
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac			
1-Chlorooctane	101		70 - 130			10/05/22 14:06	10/06/22 02:56	1			
o-Terphenyl	117		70 - 130			10/05/22 14:06	10/06/22 02:56	1			

Method: MCAWW 300.0 - Ani	ons, Ion Chromatograph	ny - Soluble					
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.4	4.96	mg/Kg			10/06/22 18:53	1
—							

Client Sample ID: BH01A Date Collected: 10/03/22 10:05 Date Received: 10/03/22 15:37 Sample Depth: 1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		10/10/22 13:15	10/11/22 04:47	1
Toluene	<0.00199	U	0.00199	mg/Kg		10/10/22 13:15	10/11/22 04:47	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		10/10/22 13:15	10/11/22 04:47	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		10/10/22 13:15	10/11/22 04:47	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		10/10/22 13:15	10/11/22 04:47	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		10/10/22 13:15	10/11/22 04:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	291	S1+	70 - 130			10/10/22 13:15	10/11/22 04:47	1

Eurofins Carlsbad

Dil Fac 1 1 5

Job ID: 890-3133-1 SDG: 03E1558113

Lab Sample ID: 890-3133-1 Matrix: Solid

Released to Imaging: 8/15/2023 11:10:16 AM

Lab Sample ID: 890-3133-2 Matrix: Solid



Limits

70 - 130

0.00398

RL

RL

RL

50.0

50.0

50.0

Limits 70 - 130

70 - 130

50.0

Unit

Unit

Unit

mg/Kg

mg/Kg

mg/Kg

. . . .

mg/Kg

mg/Kg

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Job ID: 890-3133-1 SDG: 03E1558113

Client Sample ID: BH01A Date Collected: 10/03/22 10:05

Project/Site: PLU 25 BD Satellite Battery

Client: Ensolum

Sample Depth: 1

1,4-Difluorobenzene (Surr)

Gasoline Range Organics

Diesel Range Organics (Over

Oll Range Organics (Over C28-C36)

Surrogate

Analyte

Analyte

Analyte

C10-C28)

Surrogate

o-Terphenyl

1-Chlorooctane

(GRO)-C6-C10

Total TPH

Total BTEX

Date Received: 10/03/22 15:37

Method: TAL SOP Total BTEX - Total BTEX Calculation

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

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

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

%Recovery Qualifier

<0.00398 U

221 S1+

Result Qualifier

Result Qualifier

Result Qualifier

<50.0 U

<50.0 U

<50.0 U

<50.0 U

%Recovery Qualifier

85

100

Lab Sample ID: 890-3133-2 Matrix: Solid

Analyzed

Analyzed

10/11/22 09:03

Analyzed

10/06/22 11:00

	Dil Fac	Analyzed	Prepared
	1	10/06/22 03:17	10/05/22 14:06
	1	10/06/22 03:17	10/05/22 14:06
13		10/00/00 00 17	
	1	10/06/22 03:17	10/05/22 14:06

Matrix: Solid

Dil Fac

Dil Fac

Dil Fac

Prepared	Analyzed	Dil Fac
10/05/22 14:06	10/06/22 03:17	1
10/05/22 14:06	10/06/22 03:17	1

Lab Sample ID: 890-3133-3

Prepared

Prepared

Prepared

D

D

D

10/10/22 13:15 10/11/22 04:47

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble Analyta Pocult Qualifier

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.1	5.01	mg/Kg			10/06/22 19:11	1

Client Sample ID: BH02 Date Collected: 10/03/22 10:10

Date Received: 10/03/22 15:37 Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		10/10/22 13:15	10/11/22 05:07	1
Toluene	<0.00199	U	0.00199	mg/Kg		10/10/22 13:15	10/11/22 05:07	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		10/10/22 13:15	10/11/22 05:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		10/10/22 13:15	10/11/22 05:07	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		10/10/22 13:15	10/11/22 05:07	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		10/10/22 13:15	10/11/22 05:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130			10/10/22 13:15	10/11/22 05:07	1
1,4-Difluorobenzene (Surr)	83		70 - 130			10/10/22 13:15	10/11/22 05:07	1
Method: TAL SOP Total BT	EX - Total BTE	X Calculat	ion					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			10/11/22 09:03	1
- Method: SW846 8015 NM -	Diesel Range	Organics (DRO) (GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	86.4		50.0	mg/Kg			10/06/22 11:00	1

Eurofins Carlsbad

Client: Ensolum Project/Site: PLU 25 BD Satellite Battery

Client Sample ID: BH02 Date Collected: 10/03/22 10:10

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		10/11/22 17:37	10/12/22 03:56	1
Diesel Range Organics (Over C10-C28)	86.4		50.0	mg/Kg		10/11/22 17:37	10/12/22 03:56	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/11/22 17:37	10/12/22 03:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130			10/11/22 17:37	10/12/22 03:56	1
o-Terphenyl	77		70 - 130			10/11/22 17:37	10/12/22 03:56	1

L	Method: MCAWW 300.0 - Anio	ns, ion Chro	omatograp	ony - Soluble					
l	Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
l	Chloride	29.6		4.98	mg/Kg			10/06/22 19:17	1

Client Sample ID: BH02A

Date Collected: 10/03/22 10:15 Date Received: 10/03/22 15:37 Sample Depth: 1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		10/10/22 13:15	10/11/22 05:28	1
Toluene	<0.00200	U	0.00200	mg/Kg		10/10/22 13:15	10/11/22 05:28	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		10/10/22 13:15	10/11/22 05:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		10/10/22 13:15	10/11/22 05:28	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		10/10/22 13:15	10/11/22 05:28	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		10/10/22 13:15	10/11/22 05:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130			10/10/22 13:15	10/11/22 05:28	1
1,4-Difluorobenzene (Surr)	94		70 - 130			10/10/22 13:15	10/11/22 05:28	1
Total BTEX Method: SW846 8015 NM - Die		Organics (0.00399 DRO) (GC)	mg/Kg			10/11/22 09:03	
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	
								Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			10/06/22 11:00	Dil Fac
 Method: SW846 8015B NM - D	Diesel Range	organics	(DRO) (GC)					1
 Method: SW846 8015B NM - D	Diesel Range Result	Qualifier		mg/Kg Unit	D	Prepared	10/06/22 11:00 Analyzed	Dil Fac
Method: SW846 8015B NM - E Analyte Gasoline Range Organics	Diesel Range	Qualifier	(DRO) (GC)		D			1
Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Diesel Range Result	Organics Qualifier	(DRO) (GC) RL	Unit	D	Prepared	Analyzed	1
Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Diesel Range Result <49.9	Organics Qualifier U	(DRO) (GC) <u>RL</u> 49.9	Unit mg/Kg	D	Prepared 10/05/22 14:06	Analyzed 10/06/22 04:00	1

Eurofins Carlsbad

10/05/22 14:06 10/06/22 04:00

1

1

Job ID: 890-3133-1 SDG: 03E1558113

Lab Sample ID: 890-3133-3

Lab Sample ID: 890-3133-4

Matrix: Solid

Matrix: Solid

5

1-Chlorooctane

o-Terphenyl

70 - 130

101

5

Client Sample Results Client: Ensolum Job ID: 890-3133-1 Project/Site: PLU 25 BD Satellite Battery SDG: 03E1558113 Client Sample ID: BH02A Lab Sample ID: 890-3133-4 Date Collected: 10/03/22 10:15 Matrix: Solid Date Received: 10/03/22 15:37 Sample Depth: 1 Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble **Result Qualifier** Analyte RL Unit D Prepared Analyzed Dil Fac Chloride 4.97 10/06/22 19:23 mg/Kg 30.1 **Client Sample ID: BH03** Lab Sample ID: 890-3133-5 Date Collected: 10/03/22 10:20 Matrix: Solid Date Received: 10/03/22 15:37 Sample Depth: 0.5 Method: SW846 8021B - Volatile Organic Compounds (GC) **Result Qualifier** RL Unit D Prepared Analyzed Analyte Dil Fac <0.00199 U Benzene 10/10/22 13:15 10/11/22 05:49 0.00199 mg/Kg 1 Toluene <0.00199 U 0.00199 mg/Kg 10/10/22 13:15 10/11/22 05:49 1 10/10/22 13:15 10/11/22 05:49 Ethylbenzene <0.00199 U 0.00199 mg/Kg 1 m-Xylene & p-Xylene <0.00398 U 0.00398 mg/Kg 10/10/22 13:15 10/11/22 05:49 1 o-Xylene <0.00199 U 0.00199 mg/Kg 10/10/22 13:15 10/11/22 05:49 1 10/10/22 13:15 10/11/22 05:49 Xylenes, Total <0.00398 U 0.00398 mg/Kg 1 Dil Fac Surrogate %Recovery Qualifier Limits Prepared Analyzed 4-Bromofluorobenzene (Surr) 126 70 - 130 10/10/22 13:15 10/11/22 05:49 102 70 - 130 1,4-Difluorobenzene (Surr) 10/10/22 13:15 10/11/22 05:49 Method: TAL SOP Total BTEX - Total BTEX Calculation Unit D Analyte **Result Qualifier** RL Prepared Analyzed Dil Fac Total BTEX <0.00398 U 0.00398 mg/Kg 10/11/22 09:03 1 Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) **Result Qualifier** Unit D Analyte RL Prepared Analyzed Dil Fac Total TPH <49.9 U 49.9 mg/Kg 10/06/22 11:00 1 Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Analyte **Result Qualifier** RL Unit D Prepared Analyzed Dil Fac <49.9 U 10/05/22 14:06 Gasoline Range Organics 49.9 10/06/22 04:21 mg/Kg (GRO)-C6-C10 10/05/22 14:06 10/06/22 04:21 **Diesel Range Organics (Over** <49.9 U 49.9 mg/Kg 1 C10-C28) Oll Range Organics (Over C28-C36) 10/06/22 04:21 <49.9 U 49 9 mg/Kg 10/05/22 14:06 1 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane 70 - 130 10/05/22 14:06 10/06/22 04:21 103 1 o-Terphenyl 114 70 - 130 10/05/22 14:06 10/06/22 04:21 1 Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Wethou. WCAVVV 300.0 - Amor	is, ion chromatogra	ipity - Soluble					
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.2	5.00	mg/Kg			10/06/22 19:28	1

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Released to Imaging: 8/15/2023 11:10:16 AM

Client: Ensolum Project/Site: PLU 25 BD Satellite Battery

Client Sample ID: BH03A Date Collected: 10/03/22 10:25 Date Received: 10/03/22 15:37 Sample Depth: 1

Chloride

Cheffic Sample ID. Diff	JA						IE ID. 030-3	133-0
Date Collected: 10/03/22 1	0:25						Matrix	: Solid
Date Received: 10/03/22 1	5:37							
Sample Depth: 1								
Method: SW846 8021B - 1	Volatile Organic	Compound	ls (GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		10/10/22 13:15	10/11/22 06:10	
								1
Toluene	<0.00200	U	0.00200	mg/Kg		10/10/22 13:15	10/11/22 06:10	1 1
Toluene Ethylbenzene	<0.00200 <0.00200	-	0.00200 0.00200	mg/Kg mg/Kg		10/10/22 13:15 10/10/22 13:15		1 1 1

mg/Kg

mg/Kg

mg/Kg

o-Xylene	<0.00200	U	0.00200
Xylenes, Total	<0.00399	U	0.00399
Surrogate	%Recovery	Qualifier	Limits
Surrogate 4-Bromofluorobenzene (Surr)	%Recovery 115	Qualifier	Limits 70 - 130

17.2

Method: TAL SOP Total BTEX	- Total BTE	X Calculat	ion					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	< 0.00399	U	0.00399	mg/Kg			10/11/22 09:03	1
		•••••••••						

Method: SW846 8015 NM - Die	esel Range Organics	6 (DRO) (GC)						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.0 U	50.0	mg/Kg			10/06/22 11:00	1	

Method: SW846 8015B NM - D	Diesel Range	• Organics	(DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		10/05/22 14:06	10/06/22 04:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/05/22 14:06	10/06/22 04:41	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/05/22 14:06	10/06/22 04:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130			10/05/22 14:06	10/06/22 04:41	1
o-Terphenyl	122		70 - 130			10/05/22 14:06	10/06/22 04:41	1
Method: MCAWW 300.0 - Anio	ons, Ion Chr	omatogra	ohy - Soluble					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

4.99

Job ID: 890-3133-1 SDG: 03E1558113

Lab Sample ID: 890-3133-6

10/10/22 13:15 10/11/22 06:10

10/10/22 13:15 10/11/22 06:10

10/10/22 13:15 10/11/22 06:10

10/10/22 13:15 10/11/22 06:10

Analyzed

10/06/22 19:46

Prepared

1

1

1

1

1

Dil Fac

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Surrogate Summary

Client: Ensolum Project/Site: PLU 25 BD Satellite Battery

Method: 8021B - Volatile Organic Compounds (GC) Matrix: Solid

			Perc	cent Surrogate Recovery (Acceptance Limit
		BFB1	DFBZ1	
ab Sample ID.	Client Sample ID	(70-130)	(70-130)	
390-3133-1	BH01	127	75	
90-3133-2	BH01A	291 S1+	221 S1+	
90-3133-3	BH02	129	83	
90-3133-4	BH02A	127	94	
0-3133-5	BH03	126	102	
0-3133-6	BH03A	115	69 S1-	
0-3163-A-1-E MS	Matrix Spike	72	59 S1-	
)-3163-A-1-F MSD	Matrix Spike Duplicate	117	95	
S 880-36587/1-A	Lab Control Sample	93	94	
SD 880-36587/2-A	Lab Control Sample Dup	93	93	
880-36503/5-A	Method Blank	98	86	
IB 880-36587/5-A	Method Blank	105	84	
0				
Surrogate Legend				
BFB = 4-Bromofluorob				
DFBZ = 1,4-Difluorobe	nzene (Surr)			

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

			Pe
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-19973-A-46-C MS	Matrix Spike	71	73
880-19973-A-46-D MSD	Matrix Spike Duplicate	84	85
880-20138-A-11-I MS	Matrix Spike	93	79
880-20138-A-11-J MSD	Matrix Spike Duplicate	94	79
890-3133-1	BH01	101	117
890-3133-2	BH01A	85	100
890-3133-3	BH02	87	77
890-3133-4	BH02A	87	101
890-3133-5	BH03	103	114
890-3133-6	BH03A	109	122
LCS 880-36186/2-A	Lab Control Sample	91	108
LCS 880-36705/2-A	Lab Control Sample	92	94
LCSD 880-36186/3-A	Lab Control Sample Dup	92	108
LCSD 880-36705/3-A	Lab Control Sample Dup	91	89
MB 880-36186/1-A	Method Blank	6 S1-	7 S1-
MB 880-36705/1-A	Method Blank	6 S1-	9 S1-

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Job ID: 890-3133-1 SDG: 03E1558113

Prep Type: Total/NA

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Prep Type: Total/NA

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Client: Ensolum Project/Site: PLU 25 BD Satellite Battery

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-36 Matrix: Solid Analysis Batch: 36501	503/5-A						le ID: Method Prep Type: To Prep Batch	otal/NA
-	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		10/10/22 08:35	10/10/22 10:55	1
Toluene	<0.00200	U	0.00200	mg/Kg		10/10/22 08:35	10/10/22 10:55	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		10/10/22 08:35	10/10/22 10:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		10/10/22 08:35	10/10/22 10:55	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		10/10/22 08:35	10/10/22 10:55	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		10/10/22 08:35	10/10/22 10:55	1
	МВ	МВ						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130			10/10/22 08:35	10/10/22 10:55	1
1,4-Difluorobenzene (Surr)	86		70 - 130			10/10/22 08:35	10/10/22 10:55	1
_ Lab Sample ID: MB 880-36	587/5-A					Client Samp	le ID: Method	Blank
Matrix: Solid							Prep Type: To	
Analysis Batch: 36501							Prep Batch	
	MB	МВ						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	< 0.00200	U	0.00200	mg/Kg		10/10/22 13:15	10/10/22 22:54	1
Toluene	<0.00200	U	0.00200	mg/Kg		10/10/22 13:15	10/10/22 22:54	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		10/10/22 13:15	10/10/22 22:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		10/10/22 13:15	10/10/22 22:54	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		10/10/22 13:15	10/10/22 22:54	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		10/10/22 13:15	10/10/22 22:54	1
	МВ	МВ						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130			10/10/22 13:15	10/10/22 22:54	1

1,4-Difluorobenzene (Surr)

Lab Sample ID: LCS 880-36587/1-A Matrix: Solid Analysis Batch: 36501

Analysis Batch: 36501							Prep Batc	h: 36587
	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09350		mg/Kg		93	70 - 130	
Toluene	0.100	0.1003		mg/Kg		100	70 - 130	
Ethylbenzene	0.100	0.09771		mg/Kg		98	70 - 130	
m-Xylene & p-Xylene	0.200	0.2053		mg/Kg		103	70 - 130	
o-Xylene	0.100	0.1046		mg/Kg		105	70 - 130	

70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-36587/2-A Matrix: Solid			(Client Sa	ample	ID: Lat	Control Prep Ty		
Analysis Batch: 36501	Spike	LCSD	LCSD				Prep E %Rec	Batch:	36587 RPD
Analyte	Added 0.100	Result 0.09306	Qualifier	Unit mg/Kg	D	%Rec 93	Limits 70 - 130	RPD	Limit 35

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10/10/22 13:15 10/10/22 22:54

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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Job ID: 890-3133-1

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Client: Ensolum Project/Site: PLU 25 BD Satellite Battery

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

Lab Sample ID: LCSD 880-36587/2-A Matrix: Solid Analysis Batch: 36501			C	Client Sar	nple	ID: Lat	Control Prep Ty Prep E		al/NA
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Toluene	0.100	0.09756		mg/Kg		98	70 - 130	3	35
Ethylbenzene	0.100	0.09462		mg/Kg		95	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1987		mg/Kg		99	70 - 130	3	35
o-Xylene	0.100	0.1013		mg/Kg		101	70 - 130	3	35

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

Lab Sample ID: 890-3163-A-1-E MS Matrix: Solid Analysis Batch: 36501

Analysis Batch: 36501									Prep Batch: 36587
	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00201	U F1 F2	0.0998	0.01619	F1	mg/Kg		16	70 - 130
Toluene	<0.00201	U F1 F2	0.0998	0.02961	F1	mg/Kg		29	70 - 130
Ethylbenzene	<0.00201	U F1 F2	0.0998	0.03554	F1	mg/Kg		36	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.200	0.04898	F1	mg/Kg		25	70 - 130
o-Xylene	<0.00201	U F1 F2	0.0998	0.02925	F1	mg/Kg		29	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	72		70 - 130
1,4-Difluorobenzene (Surr)	59	S1-	70 - 130

Lab Sample ID: 890-3163-A-1-F MSD Matrix: Solid Analysis Batch: 36501

4-Bromofluorobenzene (Surr)

1,4-Difluorobenzene (Surr)

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	< 0.00201	U F1 F2	0.0996	0.03750	F1 F2	mg/Kg		38	70 - 130	79	35
Toluene	<0.00201	U F1 F2	0.0996	0.05387	F1 F2	mg/Kg		53	70 - 130	58	35
Ethylbenzene	<0.00201	U F1 F2	0.0996	0.05853	F1 F2	mg/Kg		59	70 - 130	49	35
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.199	0.1308	F1 F2	mg/Kg		66	70 - 130	91	35
o-Xylene	<0.00201	U F1 F2	0.0996	0.06767	F1 F2	mg/Kg		68	70 - 130	79	35
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								

70 - 130

70 - 130

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

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Lab Sample ID: MB 880-36186/ Matrix: Solid Analysis Batch: 36113	I-A						le ID: Method Prep Type: To Prep Batch:	otal/NA
	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		10/05/22 14:06	10/05/22 20:28	1

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Job ID: 890-3133-1 SDG: 03E1558113

10/12/2022 (Rev. 1)

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

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 36587

Client: Ensolum Project/Site: PLU 25 BD Satellite Battery

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

Lab Sample ID: MB 880-36 Matrix: Solid	186/1-A						Clie	ent Samp	ole ID: Metho Prep Type: 1	
Analysis Batch: 36113									Prep Batch	
-		MB MB								
Analyte	Re	sult Qualifie	er RL		Unit	D	Р	repared	Analyzed	Dil Fac
Diesel Range Organics (Over	<	50.0 U	50.0		mg/k	(g	10/0	05/22 14:06	10/05/22 20:28	1
C10-C28)			50.0				40/0		40/05/00 00 00	
Oll Range Organics (Over C28-C36) <:	50.0 U	50.0		mg/k	vg	10/0	05/22 14:06	10/05/22 20:28	1
		MB MB								
Surrogate	%Recov	very Qualifie	er Limits				P	Prepared	Analyzed	Dil Fac
1-Chlorooctane		6 S1-	70 - 130				10/0	05/22 14:06	10/05/22 20:28	1
o-Terphenyl		7 S1-	70 - 130				10/0	05/22 14:06	10/05/22 20:28	1
Lab Sample ID: LCS 880.30	2196/2 A					Clion	+ 6 -		Lab Control	Sample
Lab Sample ID: LCS 880-30 Matrix: Solid	5100/2-A					Clien	l Ja	inple iD.	Lab Control Prep Type: 1	
Analysis Batch: 36113									Prep Batch	
Analysis Datell. 30113			Spike	LCS	LCS				%Rec	
Analyte			Added		Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics			1000	777.3		mg/Kg		78	70 - 130	
(GRO)-C6-C10						3				
Diesel Range Organics (Over			1000	872.8		mg/Kg		87	70 - 130	
C10-C28)										
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	91		70 - 130							
o-Terphenyl	108		70 - 130							
Lab Sample ID: LCSD 880-	36186/3-A					Slient Sar	npie	ID: Lab	Control Sam	
Matrix: Solid									Prep Type: 1	
Analysis Batch: 36113			Spike		LCSD				Prep Batch %Rec	RPD
Analyte			Spike Added		Qualifier	Unit	D	%Rec	Limits RP	
Gasoline Range Organics			1000	841.3		mg/Kg		84	70 - 130	$\frac{1}{8}$ $\frac{1}{20}$
(GRO)-C6-C10			1000	041.0		mg/rtg		04	10-100	0 20
Diesel Range Organics (Over			1000	878.3		mg/Kg		88	70 - 130	1 20
C10-C28)										
	LCSD	LCSD								
Surrogate	%Recovery		Limits							
1-Chlorooctane	92	<u> </u>	70 - 130							
o-Terphenyl	108		70 - 130							
Lab Sample ID: 880-19973-	A-46-C MS						C	lient San	ple ID: Matri	
Matrix: Solid									Prep Type: 1	
Analysis Batch: 36113									Prep Batch	i: 36186
A	Sample		Spike	-	MS	11	_	0/ -	%Rec	
Analyte		Qualifier	Added		Qualifier	Unit	_ <u>D</u>	<u>%Rec</u>	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	926.9		mg/Kg		91	70 - 130	
Diesel Range Organics (Over	<50.0	U	998	818.6		mg/Kg		82	70 - 130	
		-		010.0				52		
C10-C28)										
C10-C28)		MS								
C10-C28) Surrogate	MS %Recovery		Limits							

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Job ID: 890-3133-1

SDG: 03E1558113

1-Chlorooctane

o-Terphenyl

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70 - 130

70 - 130

Client: Ensolum Project/Site: PLU 25 BD Satellite Battery

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

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Lab Sample ID: 880-19973-	-A-46-D MS	D						Client	t Sa	mp	le ID: Ma	atrix Spik	e Dup	licate
Matrix: Solid												Prep Typ	be: Tot	tal/N/
Analysis Batch: 36113												Prep B	atch:	36180
-	Sample	San	nple	Spike	MSD	MSE	כ					%Rec		RPI
Analyte	Result	Qua	alifier	Added	Result	Qua	lifier	Unit		D	%Rec	Limits	RPD	Limi
Gasoline Range Organics	<50.0	U		999	1119			mg/Kg		_	110	70 - 130	19	2
GRO)-C6-C10														
Diesel Range Organics (Over C10-C28)	<50.0	U		999	975.0			mg/Kg			98	70 - 130	17	2
	MSD	MSI	D											
Surrogate	%Recovery	Qua	alifier	Limits										
I-Chlorooctane	84			70 - 130										
p-Terphenyl	85			70 - 130										
₋ab Sample ID: MB 880-36 Matrix: Solid	705/1-A								(Clie		ole ID: Me Prep Typ		
Analysis Batch: 36635												Prep B		
		ΜВ	МВ											
Analyte	Re	sult	Qualifier	R	L		Unit		D	Ρ	repared	Analyz	ed	Dil Fa
Gasoline Range Organics GRO)-C6-C10	<	50.0	U	50.			mg/Kg]		10/1	1/22 17:37	10/11/22 2		
Diesel Range Organics (Over C10-C28)	<	50.0	U	50.	0		mg/Kg	9		10/1	1/22 17:37	10/11/22	20:40	
DII Range Organics (Over C28-C36	š) <	50.0	U	50.	0		mg/Kg	9		10/1	1/22 17:37	10/11/22 2	20:40	
		MВ	ΜВ											
Surrogate	%Reco	very	Qualifier	Limits						P	repared	Analyz	ed	Dil Fa
1-Chlorooctane		6	S1-	70 - 130	_				-	10/1	1/22 17:37	10/11/22	20:40	
p-Terphenyl		9	S1-	70 - 130						10/1	1/22 17:37	10/11/22	20:40	
Lab Sample ID: LCS 880-3	6705/2-A							Cli	ent	Sar	nple ID:	Lab Con	trol Sa	ampl
Matrix: Solid												Prep Typ		
Analysis Batch: 36635												Prep B		
				Spike	LCS	LCS	5					%Rec		
Analyte				Added	Result	Qua	lifier	Unit		D	%Rec	Limits		
Gasoline Range Organics GRO)-C6-C10				1000	820.8			mg/Kg		_	82	70 - 130		
Diesel Range Organics (Over C10-C28)				1000	948.3			mg/Kg			95	70 - 130		
	LCS													
Surrogate	%Recovery	Qua	alifier	Limits										
1-Chlorooctane	92			70 - 130										
p-Terphenyl	94			70 - 130										
Lab Sample ID: LCSD 880- Matrix: Solid	36705/3-A						С	lient S	am	ole		Control S Prep Typ		
Analysis Batch: 36635												Prep B		
				Spike	LCSD	LCS	D					%Rec		RP
				Added	Result			Unit		D	%Rec	Limits	RPD	Lim
Analyte										_				
Analyte Gasoline Range Organics				1000	818.4			mg/Kg			82	70 - 130	0	2
				1000 1000	818.4 903.0			mg/Kg mg/Kg			82 90	70 ₋ 130 70 ₋ 130	0 5	2

Client: Ensolum Project/Site: PLU 25 BD Satellite Battery

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

4 5 6

7

Lab Sample ID: LCSD 88	0-36705/3-A				C	Client Sa	mple	ID: Lab			
Matrix: Solid									Prep Ty	pe: Tot	al/NA
Analysis Batch: 36635									Prep E	Batch: 3	36705
	I CSD	LCSD									
Surrogate	%Recovery		Limits								
1-Chlorooctane	- <u></u>		70 - 130								
o-Terphenyl	89		70 - 130								
-											
Lab Sample ID: 880-2013	8-A-11-I MS						CI	ient Sa	mple ID: I	Matrix \$	Spike
Matrix: Solid									Prep Ty		
Analysis Batch: 36635										Batch: 3	36705
	•	Sample	Spike	MS	MS				%Rec		
Analyte		Qualifier	Added		Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	998	839.4		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	124		998	848.3		mg/Kg		73	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	93		70 - 130								
1-Chlorooctane o-Terphenyl	93 79		70 - 130 70 - 130								
o-Terphenyl	79	D				Client	Samp	le ID: N	latrix Spil	ke Dup	licate
o-Terphenyl Lab Sample ID: 880-2013	79	D				Client	Samp	le ID: N	latrix Spil Prep Ty		
o- <i>Terphenyl</i> Lab Sample ID: 880-2013 Matrix: Solid	79	D				Client	Samp	le ID: N	Prep Ty		al/NA
^{o-Terphenyl} Lab Sample ID: 880-2013 Matrix: Solid	79 8 -A-11-J MS I	D Sample		MSD	MSD	Client	Samp	le ID: N	Prep Ty	pe: Tot	al/NA
1-Chlorooctane o-Terphenyl Lab Sample ID: 880-2013 Matrix: Solid Analysis Batch: 36635 Analyte	79 8-A-11-J MSI Sample Result	Sample Qualifier	70 - 130		MSD Qualifier	Client S	Samp D	le ID: M %Rec	Prep Ty Prep E	pe: Tot	al/NA 86705
o-Terphenyl Lab Sample ID: 880-2013 Matrix: Solid Analysis Batch: 36635 Analyte	79 88-A-11-J MSI Sample	Sample Qualifier	70 - 130 Spike						Prep Ty Prep E %Rec	pe: Tot Batch: 3	al/NA 36705 RPD
o-Terphenyl Lab Sample ID: 880-2013 Matrix: Solid Analysis Batch: 36635 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	79 8-A-11-J MSI Sample Result	Sample Qualifier	70 - 130 Spike Added	Result		Unit		%Rec	Prep Ty Prep E %Rec Limits	pe: Tot Batch: 3	al/NA 36705 RPD Limit
o-Terphenyl Lab Sample ID: 880-2013 Matrix: Solid Analysis Batch: 36635 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	79 Sample Result <49.8 124	Sample Qualifier	70 - 130 Spike Added 998	Result 824.1		Unit mg/Kg		%Rec 83	Prep Ty Prep E %Rec Limits 70 - 130	pe: Tot Batch: 3 RPD 2	al/NA 36705 RPD Limit 20
o-Terphenyl Lab Sample ID: 880-2013 Matrix: Solid Analysis Batch: 36635 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	79 Sample Result <49.8 124	Sample Qualifier U	70 - 130 Spike Added 998	Result 824.1		Unit mg/Kg		%Rec 83	Prep Ty Prep E %Rec Limits 70 - 130	pe: Tot Batch: 3 RPD 2	al/NA 36705 RPD Limit 20
o-Terphenyl Lab Sample ID: 880-2013 Matrix: Solid Analysis Batch: 36635 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	79 8-A-11-J MSI Sample <u>Result</u> <49.8 124 <i>MSD</i>	Sample Qualifier U	70 - 130 Spike Added 998 998	Result 824.1		Unit mg/Kg		%Rec 83	Prep Ty Prep E %Rec Limits 70 - 130	pe: Tot Batch: 3 RPD 2	al/NA 36705 RPD Limit 20
o-Terphenyl Lab Sample ID: 880-2013 Matrix: Solid Analysis Batch: 36635 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate	79 8-A-11-J MSI Sample Result <49.8 124 MSD %Recovery	Sample Qualifier U	70 - 130 Spike Added 998 998 Limits	Result 824.1		Unit mg/Kg		%Rec 83	Prep Ty Prep E %Rec Limits 70 - 130	pe: Tot Batch: 3 RPD 2	al/NA 36705 RPD Limit 20
o-Terphenyl Lab Sample ID: 880-2013 Matrix: Solid Analysis Batch: 36635 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane	79 Sample Result 49.8 124 <i>MSD %Recovery</i> 94 79	Sample Qualifier U MSD Qualifier	70 - 130 Spike Added 998 998 <u>Limits</u> 70 - 130 70 - 130	Result 824.1		Unit mg/Kg		%Rec 83	Prep Ty Prep E %Rec Limits 70 - 130	pe: Tot Batch: 3 RPD 2	al/NA 36705 RPD Limit 20
o-Terphenyl Lab Sample ID: 880-2013 Matrix: Solid Analysis Batch: 36635 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl	79 8-A-11-J MSI Sample Result <49.8 124 MSD %Recovery 94 79 S, Ion Chrossian	Sample Qualifier U MSD Qualifier	70 - 130 Spike Added 998 998 <u>Limits</u> 70 - 130 70 - 130	Result 824.1		Unit mg/Kg	<u>D</u>	<u>%Rec</u> 83 74	Prep Ty Prep E %Rec Limits 70 - 130	pe: Tot Batch: 3 RPD 2 2	al/NA 36705 RPD Limit 20 20
o-Terphenyl Lab Sample ID: 880-2013 Matrix: Solid Analysis Batch: 36635 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Iethod: 300.0 - Anion	79 8-A-11-J MSI Sample Result <49.8 124 MSD %Recovery 94 79 S, Ion Chrossian	Sample Qualifier U MSD Qualifier	70 - 130 Spike Added 998 998 <u>Limits</u> 70 - 130 70 - 130	Result 824.1		Unit mg/Kg	<u>D</u>	<u>%Rec</u> 83 74	Prep Ty Prep E %Rec Limits 70 - 130 70 - 130	pe: Tot Batch: 3 RPD 2 2 2	al/NA 36705 RPD Limit 20 20 20 Blank

-	МВ	MB										
Analyte	Result	Qualifier		RL		Unit		D	Pr	epared	Analyzed	Dil Fac
Chloride	<5.00	U		5.00		mg/K	g				10/06/22 18:36	1
Lab Sample ID: LCS 880-36232/2-A Matrix: Solid Analysis Batch: 36312							С	lient	San	nple ID:	Lab Control S Prep Type: S	
			Spike		LCS	LCS					%Rec	
Analyte			Added	R	esult	Qualifier	Unit		D	%Rec	Limits	

255.8

mg/Kg

250

90 - 110

102

Chloride

Client: Ensolum Project/Site: PLU 25 BD Satellite Battery Job ID: 890-3133-1 SDG: 03E1558113

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880 Matrix: Solid Analysis Batch: 36312	-36232/3-A				C	Client Sa	mple	ID: Lat	Control Prep T	Sample ype: So	
· · · · · · · · · · · · · · · · · · ·			Spike	LCSD	LCSD				%Rec		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride			250	240.0		mg/Kg		96	90 - 110	6	20
Lab Sample ID: 890-3133- Matrix: Solid Analysis Batch: 36312	1 MS							CI	ient Sam Prep T	ple ID: ype: So	
	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	35.4		248	266.3		mg/Kg		93	90 - 110		
Lab Sample ID: 890-3133- Matrix: Solid Analysis Batch: 36312	1 MSD							CI	ient Sam Prep T	ple ID: ype: So	
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	35.4		248	284.5		mg/Kg		100	90 - 110	7	20

QC Association Summary

Prep Type

Matrix

Client: Ensolum Project/Site: PLU 25 BD Satellite Battery

Client Sample ID

GC VOA

Lab Sample ID

Analysis Batch: 36501

890-3133-1	BH01	Total/NA	Solid	8021B	
890-3133-2	BH01A	Total/NA	Solid	8021B	
890-3133-3	BH02	Total/NA	Solid	8021B	
890-3133-4	BH02A	Total/NA	Solid	8021B	
890-3133-5	BH03	Total/NA	Solid	8021B	
890-3133-6	BH03A	Total/NA	Solid	8021B	
MB 880-36503/5-A	Method Blank	Total/NA	Solid	8021B	
MB 880-36587/5-A	Method Blank	Total/NA	Solid	8021B	
LCS 880-36587/1-A	Lab Control Sample	Total/NA	Solid	8021B	
LCSD 880-36587/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	
890-3163-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	
890-3163-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	

Prep Batch: 36503

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
MB 880-36503/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 36587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3133-1	BH01	Total/NA	Solid	5035	
890-3133-2	BH01A	Total/NA	Solid	5035	
890-3133-3	BH02	Total/NA	Solid	5035	
890-3133-4	BH02A	Total/NA	Solid	5035	
890-3133-5	BH03	Total/NA	Solid	5035	
890-3133-6	BH03A	Total/NA	Solid	5035	
MB 880-36587/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36587/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36587/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3163-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
890-3163-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 36644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3133-1	BH01	Total/NA	Solid	Total BTEX	_
890-3133-2	BH01A	Total/NA	Solid	Total BTEX	
890-3133-3	BH02	Total/NA	Solid	Total BTEX	
890-3133-4	BH02A	Total/NA	Solid	Total BTEX	
890-3133-5	BH03	Total/NA	Solid	Total BTEX	
890-3133-6	BH03A	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 36113

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
890-3133-1	BH01	Total/NA	Solid	8015B NM	36186
890-3133-2	BH01A	Total/NA	Solid	8015B NM	36186
890-3133-4	BH02A	Total/NA	Solid	8015B NM	36186
890-3133-5	BH03	Total/NA	Solid	8015B NM	36186
890-3133-6	BH03A	Total/NA	Solid	8015B NM	36186
MB 880-36186/1-A	Method Blank	Total/NA	Solid	8015B NM	36186
LCS 880-36186/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	36186

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Job ID: 890-3133-1 SDG: 03E1558113

Method

Prep Batch

36587

36587

36587

36587

36587

36587

36503 36587

36587

36587

36587

36587

8

12 13

QC Association Summary

Client: Ensolum Project/Site: PLU 25 BD Satellite Battery

GC Semi VOA (Continued)

Analysis Batch: 36113 (Continued)

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
LCSD 880-36186/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	36186
880-19973-A-46-C MS	Matrix Spike	Total/NA	Solid	8015B NM	36186
880-19973-A-46-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	36186

Prep Batch: 36186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3133-1	BH01	Total/NA	Solid	8015NM Prep	
890-3133-2	BH01A	Total/NA	Solid	8015NM Prep	
890-3133-4	BH02A	Total/NA	Solid	8015NM Prep	
890-3133-5	BH03	Total/NA	Solid	8015NM Prep	
890-3133-6	BH03A	Total/NA	Solid	8015NM Prep	
MB 880-36186/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-36186/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-36186/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-19973-A-46-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-19973-A-46-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 36261

000 0100 1	DITOT		Colla	00101401110p		
890-3133-2	BH01A	Total/NA	Solid	8015NM Prep		8
890-3133-4	BH02A	Total/NA	Solid	8015NM Prep		
890-3133-5	BH03	Total/NA	Solid	8015NM Prep		9
890-3133-6	BH03A	Total/NA	Solid	8015NM Prep		
MB 880-36186/1-A	Method Blank	Total/NA	Solid	8015NM Prep		10
LCS 880-36186/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep		
LCSD 880-36186/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep		44
880-19973-A-46-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep		
880-19973-A-46-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep		12
Analysis Batch: 3626	1					
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch	13
890-3133-1	BH01	Total/NA	Solid	8015 NM		
890-3133-2	BH01A	Total/NA	Solid	8015 NM		14
890-3133-3	BH02	Total/NA	Solid	8015 NM		
890-3133-4	BH02A	Total/NA	Solid	8015 NM		
890-3133-5	BH03	Total/NA	Solid	8015 NM		
890-3133-6	BH03A	Total/NA	Solid	8015 NM		
000 0100 0	2.100.1					

Analysis Batch: 36635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3133-3	BH02	Total/NA	Solid	8015B NM	36705
MB 880-36705/1-A	Method Blank	Total/NA	Solid	8015B NM	36705
LCS 880-36705/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	36705
LCSD 880-36705/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	36705
880-20138-A-11-I MS	Matrix Spike	Total/NA	Solid	8015B NM	36705
880-20138-A-11-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	36705

Prep Batch: 36705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3133-3	BH02	Total/NA	Solid	8015NM Prep	
MB 880-36705/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-36705/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-36705/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-20138-A-11-I MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-20138-A-11-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 36232

Lab Sample ID 890-3133-1	Client Sample ID BH01	Prep Type Soluble	Matrix Solid	DI Leach	Prep Batch
890-3133-2	BH01A	Soluble	Solid	DI Leach	
890-3133-3	BH02	Soluble	Solid	DI Leach	

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Job ID: 890-3133-1 SDG: 03E1558113

QC Association Summary

Client: Ensolum Project/Site: PLU 25 BD Satellite Battery

HPLC/IC (Continued)

Leach Batch: 36232 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3133-4	BH02A	Soluble	Solid	DI Leach	
890-3133-5	BH03	Soluble	Solid	DI Leach	
390-3133-6	BH03A	Soluble	Solid	DI Leach	
//B 880-36232/1-A	Method Blank	Soluble	Solid	DI Leach	
CS 880-36232/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
CSD 880-36232/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
390-3133-1 MS	BH01	Soluble	Solid	DI Leach	
890-3133-1 MSD	BH01	Soluble	Solid	DI Leach	

Analysis Batch: 36312

BH01	Soluble	Solid	DI Leach		
BH01	Soluble	Solid	DI Leach		8
12					9
Client Sample ID	Prep Type	Matrix	Method	Prep Batch	
BH01	Soluble	Solid	300.0	36232	
BH01A	Soluble	Solid	300.0	36232	
BH02	Soluble	Solid	300.0	36232	
BH02A	Soluble	Solid	300.0	36232	
BH03	Soluble	Solid	300.0	36232	
BH03A	Soluble	Solid	300.0	36232	
Method Blank	Soluble	Solid	300.0	36232	4.0
Lab Control Sample	Soluble	Solid	300.0	36232	13
Lab Control Sample Dup	Soluble	Solid	300.0	36232	
BH01	Soluble	Solid	300.0	36232	
BH01	Soluble	Solid	300.0	36232	
	BH01 Client Sample ID BH01 BH01A BH02 BH02A BH03 BH03A Method Blank Lab Control Sample Lab Control Sample Dup BH01	BH01 Soluble Client Sample ID Prep Type BH01 Soluble BH01A Soluble BH02A Soluble BH03A Soluble Soluble BH03 Soluble Soluble BH03 Soluble Soluble BH03 Soluble	BH01SolubleSolidClient Sample IDPrep TypeMatrixBH01SolubleSolidBH01ASolubleSolidBH02ASolubleSolidBH03ASolubleSolidBH03ASolubleSolidMethod BlankSolubleSolidLab Control Sample DupSolubleSolidBH01SolubleSolidSolubleSolidBH01SolubleSolid	BH01SolubleSolidDI LeachClient Sample IDPrep TypeMatrixMethodBH01SolubleSolid300.0BH01ASolubleSolid300.0BH02SolubleSolid300.0BH03ASolubleSolid300.0BH03ASolubleSolid300.0BH03ASolubleSolid300.0Method BlankSolubleSolid300.0Lab Control SampleSolubleSolubleSolidBH01SolubleSolid300.0BH01SolubleSolid300.0	BH01SolubleSolidDI LeachI2Client Sample IDPrep TypeMatrixMethodPrep BatchBH01SolubleSolid300.036232BH01ASolubleSolid300.036232BH02SolubleSolid300.036232BH02ASolubleSolid300.036232BH03ASolubleSolid300.036232BH03ASolubleSolid300.036232Method BlankSolubleSolid300.036232Lab Control SampleSolubleSolid300.036232BH01SolubleSolid300.036232

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Job ID: 890-3133-1 SDG: 03E1558113 Client Sample ID: BH01

Date Collected: 10/03/22 10:00

Date Received: 10/03/22 15:37

Project/Site: PLU 25 BD Satellite Battery

Batch

Туре

Prep

Analysis

Analysis

Analysis

Analysis

Leach

Analysis

Prep

Batch

5035

8021B

Total BTEX

8015NM Prep

8015 NM

8015B NM

DI Leach

300.0

Method

Client: Ensolum

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Soluble

Soluble

Lab Chronicle

Initial

Amount

5.01 g

5 mL

10.02 g

1 uL

5.04 g

Dil

1

1

1

1

1

Factor

Run

Job ID: 890-3133-1 SDG: 03E1558113

Lab Sample ID: 890-3133-1

Analyst

MNR

Matrix: Solid

Lab

EET MID

Lab Sample ID: 890-3133-2 Matrix: Solid

Prepared

or Analyzed

10/10/22 13:15

10/11/22 04:26 AJ

10/11/22 09:03 AJ

10/06/22 11:00 SM

10/05/22 14:06 DM

10/06/22 02:56 SM

10/06/22 09:40 CH

10/06/22 18:53 CH

Batch

36587

36501

36644

36261

36186

36113

36232

36312

Number

Final

Amount

5 mL

5 mL

10 mL

1 uL

50 mL

		Matrix: Solid
Batch	Prepared	

Lab Sample ID: 890-3133-3

Lab Sample ID: 890-3133-4

Matrix: Solid

Client Sample ID: BH01A Date Collected: 10/03/22 10:05 Date Received: 10/03/22 15:37

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36587	10/10/22 13:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36501	10/11/22 04:47	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36644	10/11/22 09:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36261	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	36186	10/05/22 14:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/06/22 03:17	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	36232	10/06/22 09:40	СН	EET MID
Soluble	Analysis	300.0		1			36312	10/06/22 19:11	СН	EET MID

Client Sample ID: BH02 Date Collected: 10/03/22 10:10 Date Received: 10/03/22 15:37

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	36587	10/10/22 13:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36501	10/11/22 05:07	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36644	10/11/22 09:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36261	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	36705	10/11/22 17:37	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36635	10/12/22 03:56	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	36232	10/06/22 09:40	СН	EET MID
Soluble	Analysis	300.0		1			36312	10/06/22 19:17	СН	EET MID

Client Sample ID: BH02A Date Collected: 10/03/22 10:15 Date Received: 10/03/22 15:37

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36587	10/10/22 13:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36501	10/11/22 05:28	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36644	10/11/22 09:03	AJ	EET MID

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Matrix: Solid

Released to Imaging: 8/15/2023 11:10:16 AM

Lab Chronicle

Job ID: 890-3133-1 SDG: 03E1558113

Lab Sample ID: 890-3133-4

Lab Sample ID: 890-3133-5

Matrix: Solid

Matrix: Solid

Client Sample ID: BH02A Date Collected: 10/03/22 10:15 Date Received: 10/03/22 15:37

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			36261	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36186	10/05/22 14:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/06/22 04:00	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	36232	10/06/22 09:40	СН	EET MID
Soluble	Analysis	300.0		1			36312	10/06/22 19:23	СН	EET MID

Client Sample ID: BH03 Date Collected: 10/03/22 10:20 Date Received: 10/03/22 15:37

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36587	10/10/22 13:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36501	10/11/22 05:49	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36644	10/11/22 09:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36261	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36186	10/05/22 14:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/06/22 04:21	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	36232	10/06/22 09:40	СН	EET MID
Soluble	Analysis	300.0		1			36312	10/06/22 19:28	CH	EET MID

Client Sample ID: BH03A

Date Collected: 10/03/22 10:25 Date Received: 10/03/22 15:37

Lab Sample ID: 890-3133-6 Matrix: Solid

Matrix:	Solie

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36587	10/10/22 13:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36501	10/11/22 06:10	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36644	10/11/22 09:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36261	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36186	10/05/22 14:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/06/22 04:41	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	36232	10/06/22 09:40	СН	EET MID
Soluble	Analysis	300.0		1			36312	10/06/22 19:46	СН	EET MID

Laboratory References:

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

Eurofins Carlsbad

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9

Accreditation/Certification Summary

Page 48 of 60

Client: Ensolum Project/Site: PLU 25	BD Satellite Battery		-	Job ID: 890-3133-1 SDG: 03E1558113	2
Laboratory: Euro Unless otherwise noted, a		bry were covered under	each accreditation/certification below.		
Authority		ogram	Identification Number	Expiration Date	
	es are included in this repo	ELAP ort, but the laboratory is r	T104704400-22-24 not certified by the governing authority.	06-30-23 This list may include analytes for which	5
the agency does not Analysis Method	offer certification. Prep Method	Matrix	Analyte		
8015 NM		Solid	Total TPH		
Total BTEX		Solid	Total BTEX		
					8
					9
					10
					13

Method Summary

Client: Ensolum Project/Site: PLU 25 BD Satellite Battery

Job ID: 890-3133-1 SDG: 03E1558113

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	MCAWW	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

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. 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

Lab Sample ID 890-3133-1 890-3133-2 890-3133-3 890-3133-4 890-3133-5 890-3133-6

Sample Summary

Client: Ensolum Project/Site: PLU 25 BD Satellite Battery

Client Sample ID	Matrix	Collected	Received	Depth
BH01	Solid	10/03/22 10:00	10/03/22 15:37	0.5
BH01A	Solid	10/03/22 10:05	10/03/22 15:37	1
BH02	Solid	10/03/22 10:10	10/03/22 15:37	0.5
BH02A	Solid	10/03/22 10:15	10/03/22 15:37	1
BH03	Solid	10/03/22 10:20	10/03/22 15:37	0.5
BH03A	Solid	10/03/22 10:25	10/03/22 15:37	1

Job ID: 890-3133-1 SDG: 03E1558113

	Xe	Xenco			ŦŒ	obbs, NM	X (915) 5 I (575) 39	585-3443 92-7550,	, Lubboc Carlsbac	EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199	4-1296 8-3199		WW	www.xenco.com	Page_	of
Project Manager: Bo	Ben Belill				Bill to: (if different)	prent)	Garre	Garret Green					-	Work Order Comments	Comments	
	Ensolum				Company Name:	ame:	XTO	XTO Energy				Program:	UST/PST	PRP Brow	nfields 🗌 Ri	Program: UST/PST 🗌 PRP 🔤 Brownfields 🗌 RRC 📄 Superfund 🗌
	3122 National Parks Hwy	arks H	N		Address:		3104	3104 E. Green St	n St.			State of Project:	roject:			
te ZIP:	Carlsbad, NM 88220	3220			City, State ZIP:	IP:	Carls	Carlsbad, NM 88220	88220			Reporting:	Level II DL	Reporting: Level II DLevel III PST/UST TRRP	T/UST TF	
	303-887-2946			Email:	Email: Garret.Green@ExxonMobil.com	en@Ex	konMob	vil.com				Deliverables: EDD	S: EDD	ADaPT		Other:
Project Name:	PLU 25 BD Satellite Battery	atellite	Battery	Turn	Turn Around	-				A	ANALYSIS REC	S REQUEST			Prese	Preservative Codes
Project Number:	03E15	03E1558113		Routine	🗆 Rush	Pres. Code	o <i>r</i>								None: NO	DI Water: H ₂ O
Project Location:	32.103710, -103.831225	-103.8	31225	Due Date:		-					_			_	Cool: Cool	MeOH: Me
Sampler's Name:	Kase	Kase Parker		TAT starts the	TAT starts the day received by	þ				_		-			HCL: HC	HNO3: HN
PO#				the lab, if rece	the lab, if received by 4:30pm							-	_	_	H2S04: H2	NaOH: Na
SAMPLE RECEIPT	T Temp Blank:	_	Yes No	Wet Ice:	Thes No	nete	.0)			_					H ₃ PO ₄ : HP	
Samples Received Intact:	Yes	No	Thermometer ID:		FOOMNI	Iran	300								NaHSO4: NABIS	ABIS
Cooler Custody Seals:	Ye	AN	Correction Factor:		10.	Pa	PA:								Na2S2O3: NaSO3	3SO3
Sample Custody Seals:	Yes No	NIA	Jemperature Reading:	Reading:	19.2		S (E			=					Zn Acetate+NaOH: Zn	NaOH: Zn
Total Containers:		L	Corrected Temperature:	emperature:	0,51	L		015	802			Claim of Castory			NaOH+Asco	NaUH+Ascorbic Acid: SAPC
Sample Identification		Matrix	Date Sampled	Time Sampled	Depth Grab/ Comp	ab/ # of mp Cont	CHLOP	TPH (8	BTEX	_					Samp	Sample Comments
BH01		s	10/3/2022	10:00	0.5' G		×	×	×						Incident ID:	
BH01A			10/3/2022	10:05	-		×	×	×						nAPF	nAPP2223450771
BH02		s	10/3/2022	10:10	0.5' G	-	×	×	×						Cost Center:	
BH02A		s	10/3/2022	10:15	1' G	-1	×	×	×						21	2191951001
BH03		S	10/3/2022	10:20	0.5' G		×	×	×						AFE:	
BH03A		S	10/3/2022	10:25	-+ G	-	×	×	×							
						-	1		-							
												-			bbelill(bbelill(a)ensolum com
Total 200.7 / 6010 200.8 / 6020: Circle Method(s) and Metal(s) to be analyzed	0 200.8 / 6020: 1 Metal(s) to be an:	20: analyz		BRCRA 13PPM TCLP / SPLP	TCLP / SPLP 6010: 8RCRA	11 AI		Ba Be s Ba Be	e B Cd Be Cd C	Sb As Ba Be B Cd Ca Cr Co Cu F Sb As Ba Be Cd Cr Co Cu Pb Mn		Pb Mg Mn Mo NH Mo Ni Se Ag Ti U	Mn Mo NI K Se. e Ag Ti U	Ы	u <u>g SiO₂ Na Sr</u> Ti Sn L Hg: 1631/2 45.1./.74 70	U V Zn 0 / 7471
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from cilent company to Eurofins Xenco, its affiliates and subcon of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the cilent if such of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. The	of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xe Is Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins	shment o the cost will be a	f samples cons of samples an pplied to each	stitutes a valid p nd shall not assu project and a ch	urchase order f me any respon arge of \$5 for e	rom client sibility for ach samp	company any losse le submitt	y to Eurofi se or expe ted to Eur	ins Xenco Inses Inc Ins Xer	nco, its affiliates and subcon Incurred by the client if such Xenco, but not analyzed. The		It assigns star e due to circur will be enforce	tractors. It assigns standard terms and conditions losses are due to circumstances beyond the control se terms will be enforced unless previously negotiat	ractors. It assigns standard terms and conditions osses are due to circumstances beyond the control re terms will be enforced unless previously negotiated.		
Relinquished by ((Signature)	P	Receive	Received by: (Signature)	ure)		Date/	Date/Time		Relinquish	Relinquished by: (Signature)	ire)	Received	Received by: (Signature)	re)	Date/Time
than 1 .	m	G	we had	P		10.	3.22	GI C	L'							
3				1		-			4 0							

eurofins

Chain of Custody

Login Sample Receipt Checklist

Client: Ensolum

Login Number: 3133 List Number: 1 Creator: Clifton, Cloe

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	

Job Number: 890-3133-1 SDG Number: 03E1558113

List Source: Eurofins Carlsbad

Eurofins Carlsbad Released to Imaging: 8/15/2023 11:10:16 AM

Login Sample Receipt Checklist

Client: Ensolum

Login Number: 3133 List Number: 2 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	N/A	

Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").

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Job Number: 890-3133-1 SDG Number: 03E1558113

List Source: Eurofins Midland

List Creation: 10/05/22 10:51 AM



APPENDIX E

NMOCD Notifications

Ben Belill

From:	Green, Garrett J <garrett.green@exxonmobil.com></garrett.green@exxonmobil.com>
Sent:	Friday, September 30, 2022 2:59 PM
То:	ocd.enviro@emnrd.nm.gov; Harimon, Jocelyn, EMNRD; Hamlet, Robert, EMNRD; Bratcher, Michael,
	EMNRD; Nobui, Jennifer, EMNRD
Cc:	DelawareSpills /SM; Tacoma Morrissey
Subject:	XTO - Sampling Notification (Week of 10/03/22 - 10/07/22)

[**EXTERNAL EMAIL**]

All,

XTO plans to complete final sampling activities at the following sites the week of Oct 3, 2022.

Monday

- BEU 29W Vader 100H / nAPP2102831345
- PLU 25 Brushy Draw Satellite / nAPP2219648561

Tuesday

- BEU 29W Vader 100H / nAPP2102831345
- ADU 624 / NAPP2123634554
- ADU 641/ NAPP2215449179

Wednesday

- BEU 29W Vader 100H / nAPP2102831345
- ADU 624 / NAPP2123634554
- ADU 641/ NAPP2215449179
- PLU 21 BD 125, 126, 905 / nAPP2215147527, nAPP2214547737, nAPP2214342255

Thursday

- BEU 29W Vader 100H / nAPP2102831345
- PLU 21 BD 125, 126, 905 / nAPP2215147527, nAPP2214547737, nAPP2214342255
- PLU 78 SWD / NAPP2126639352

Friday

- BEU 29W Vader 100H / nAPP2102831345
- PLU 78 SWD / NAPP2126639352

Thanks,

Garrett Green

Environmental Coordinator Delaware Business Unit (575) 200-0729 Garrett.Green@ExxonMobil.com

XTO Energy, Inc. 3104 E. Greene Street | Carlsbad, NM 88220 | M: (575)200-0729

From:	Green, Garrett J
То:	Ashley Ager, Tacoma Morrissey; Ben Belill, Stuart Hyde
Subject:	FW: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 156360
Date:	Friday, March 3, 2023 3:11:46 PM
Importance:	High

****EXTERNAL EMAIL****

From: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Sent: Friday, March 3, 2023 2:04 PM
To: Green, Garrett J <garrett.green@exxonmobil.com>
Cc: Pennington, Shelby G <shelby.g.pennington@exxonmobil.com>
Subject: RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 156360

External Email - Think Before You Click

Garrett,

It looks like the samples were collected around 10:30 a.m. and the samples were relinquished at 3:37 p.m., which is roughly 5 hours transit time. 19 degrees Celsius is about 66 degrees Fahrenheit. You would think that 5 hours on ice would bring the temperature down more than it did.

TPH wasn't high on these particular samples. I think we can approve this report after a second look. Add a short paragraph onto the closure report explaining the short transit time and that you discussed the report with myself. It will need to be uploaded through the OCD Permitting Portal, so that it is can go through the proper channels. The updated report will be recorded in Incident Events and uploaded into Incident Files.

For future reference, samples that include Volatile Organics needs to be cooled and relinquished at 0-6 degrees Celsius (EPA Requirements). XTO has been warned multiple times about the temperature conditions on associated samples to ensure that light end hydrocarbons don't flash and skew the sample results. Please do your best to make sure this is accomplished in the future.

Regards,

Robert Hamlet • Environmental Specialist - Advanced Environmental Bureau EMNRD - Oil Conservation Division 506 W. Texas Ave.| Artesia, NM 88210 575.909.0302 | robert.hamlet@state.nm.us http://www.emnrd.state.nm.us/OCD/



From: Green, Garrett J <garrett.green@exxonmobil.com>
Sent: Friday, March 3, 2023 10:05 AM
To: Hamlet, Robert, EMNRD <<u>Robert.Hamlet@emnrd.nm.gov</u>>
Cc: Pennington, Shelby G <<u>shelby.g.pennington@exxonmobil.com</u>>
Subject: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 156360

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Robert,

I wanted to bring this denial back to your attention. I have not received a response regarding this matter. I have also been unable to reach you by phone to discuss next steps for this incident.

Please follow up via email or phone call so we can move forward with this incident.

Thank you,

Garrett Green

Environmental Coordinator Delaware Business Unit (575) 200-0729 <u>Garrett.Green@ExxonMobil.com</u>

XTO Energy, Inc. 3104 E. Greene Street | Carlsbad, NM 88220 | M: (575)200-0729

From: Green, Garrett J
Sent: Friday, January 20, 2023 2:37 PM
To: Hamlet, Robert, EMNRD <<u>Robert.Hamlet@emnrd.nm.gov</u>>; Bratcher, Michael, EMNRD
<<u>mike.bratcher@emnrd.nm.gov</u>>
Subject: The Oil Conservation Division (OCD) has rejected the application, Application ID: 156360

Mr. Hamlet,

Following a second review of the laboratory analytical report you mention in the denial of this

Closure Request for Incident Number nAPP2223450771, XTO would like to provide clarification regarding your comments on the sample temperatures.

As we've mentioned in previous correspondence with NMOCD, all samples were properly handled from sample collection through submittal to the laboratory. The referenced analytical report (J3133-1) notes that samples arrived at the lab and the temperature was measured at 19.0 degrees Celsius. The samples were submitted to the lab in a cooler, preserved on ice, under proper chain-of-custody procedures, as documented in the Login Sample Receipt Checklist and Case Narrative. No flag or error was noted on the analytical report by the laboratory. The samples were submitted to the lab within hours of collecting samples. Considering the short amount of time between gathering and submitting the samples, sample temperature had not yet completely reduced.

Please note that your previous comments regarding sample temperature have been considered by XTO. This report that you have denied was submitted on November 4, 2022, prior to receipt of your initial comments regarding sample temperature on December 13, 2022.

Finally, please consider that the release in this instance was comprised of 0.24 bbls of condensate which caused a small grass fire and quickly extinguished without the need for a fire extinguisher. No staining or odor was observed while sampling, and field screenings for volatile organic compounds, conducted with a calibrated photo-ionization detector, were extremely low (0.0 to 0.1 ppm). These observations correlate with the laboratory analytical results.

With these clarifications in mind, XTO respectfully requests that you reconsider approval of the submitted Closure Request as is or please provide a convenient time to meet with us and provide further instruction on how to proceed with closure of this release.

Thank you,

Garrett Green Environmental Coordinator Delaware Business Unit (575) 200-0729 Garrett.Green@ExxonMobil.com

XTO Energy, Inc. 3104 E. Greene Street | Carlsbad, NM 88220 | M: (575)200-0729

From: OCDOnline@state.nm.us [mailto:OCDOnline@state.nm.us]
Sent: Wednesday, January 18, 2023 2:44 PM
To: Collins, Melanie <<u>melanie.collins@exxonmobil.com</u>>
Subject: The Oil Conservation Division (OCD) has rejected the application, Application ID: 156360

External Email - Think Before You Click

To whom it may concern (c/o Melanie Collins for XTO ENERGY, INC),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2223450771, for the following reasons:

• The Closure Report is Denied. Chain of Custody and Analysis Request form on 10/3/22 show samples not received at proper temperature of 4 deg. Celsius or below. Samples were delivered at temperature of 19.0 deg. Celsius.

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 156360.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you, Robert Hamlet 575-748-1283 <u>Robert.Hamlet@emnrd.nm.gov</u>

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

Santa Fe, NM 87505

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District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	201744
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By Condition

We have received your closure report and final C-141 for Incident #NAPP2223450771 PLU BRUSHY DRAW 25 SATELLITE TANK BATTERY, thank you. This rhamlet closure is approved. On future reports, please make sure samples are taken on the edge of the release to horizontally delineate the release extent.

CONDITIONS

Action 201744

Condition Date

8/15/2023