March 10, 2026

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

Re: Deferral Request
Muy Wayno 18 Battery
Incident Number nAPP2526631061
Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of XTO Energy, Inc. (XTO), has prepared this *Deferral Request* to document assessment, delineation, excavation, and soil sampling activities at the Muy Wayno 18 Battery (Site). The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following a release of produced water and crude oil. Based on field observations and soil sample laboratory analytical results, XTO is submitting this *Deferral Request*, describing assessment, delineation, and excavation activities that have occurred and requesting deferral of final remediation for Incident Number nAPP2526631061 until the Site is reconstructed, and/or the well pad is abandoned.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit L, Section 18, Township 25 South, Range 30 East, in Eddy County, New Mexico (32.127200001°, -103.92738°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On September 22, 2025, a valve failure resulted in the release of approximately 5 barrels (bbls) of crude oil and 21 bbls of produced water onto the surface of the well pad, around, and beneath active production equipment and process piping. A vacuum truck was dispatched to the Site and recovered approximately 1 bbl of crude oil and 4 bbls of produced water. XTO reported the release to the New Mexico Oil Conservation Division (NMOCD) via Notification of Release (NOR) and an Initial C-141 Application (C-141) on September 23, 2025. The release was assigned Incident Number NAPP2526631061.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

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

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on nearby depth to groundwater data. The nearest groundwater data is from a soil boring, C- 4529, permitted by the New Mexico Office of the State Engineer (NMOSE), and is located approximately 0.44 miles north of the Site. The soil boring was drilled to a total depth of 101 feet bgs on May 14, 2021. Following a 72- hour waiting period to allow for the slow infill of groundwater, no

groundwater was observed and it was confirmed regional groundwater is greater than 101 feet bgs. The well log is provided in Appendix A. All wells used to evaluate depth to groundwater are presented on Figure 1.

The closest continuously flowing or significant watercourse to the Site is a riverine located approximately 3,463 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 to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Potential Site receptors are identified on Figure 1.

Based on the Site Characterization and lack of sensitive receptors near the Site, the following Table I Closure Criteria (Closure Criteria) apply:

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

SITE ASSESSMENT AND DELINEATION ACTIVITIES

Between September 29, 2025, and December 19, 2025, Ensolum personnel visited the Site to evaluate the release extent and complete delineation of the release based on information provided on the C-141 and visual observations. Seventeen delineation soil samples (SS01 through SS17) were collected within and around the release extent from ground surface to assess the lateral extent of the release. Additionally, seven potholes (SS03A, SS04A, SS05A, SS12A, and PH01 through PH04) were advanced via backhoe or hand auger to assess the vertical extent of the release. Potholes SS03A, SS04A, SS05A and SS12A were advanced in the vicinity of their corresponding delineation soil sample; potholes PH04/PH04A, PH03/PH03A, PH02/PH02A, PH01/PH01A were advanced in the vicinity of delineation soil samples SS09, SS08, SS10 and SS11, respectively. All delineation soil samples, with the exception of SS01, SS02, SS06, and SS07, and SS13 through SS17, were advanced to a terminal depth of 4 feet bgs. Discrete delineation soil samples were collected from each location at depths ranging from surface to 4 feet bgs. The delineation soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride utilizing Hach® chloride QuanTab® test strips. Photographic documentation was collected, and a photographic log is included in Appendix B. Field screening results and observations from all potholes and boreholes were logged on lithologic/soil sampling logs, which are included in Appendix C. The release extent and delineation soil sample locations were mapped utilizing a handheld GPS unit and are depicted on Figure 2.

The delineation 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 Cardinal Laboratories (Cardinal) in Hobbs, New Mexico or to Eurofins Laboratories (Eurofins) in Carlsbad, New Mexico, for analysis of the following COCs: BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following either Standard Method SM4500 or EPA Method 300.0.

Laboratory analytical results from delineation soil samples SS08 through SS11, PH02, and PH04 collected at depths ranging from ground surface to 0.5 feet bgs indicated BTEX, TPH-GRO/TPH-DRO, TPH, and/or chloride concentrations exceeded the Site Closure Criteria. Soil samples collected outside of the release extent (SS01 through SS07 and SS12 through SS17) indicated all COC concentrations in compliance with the Site Closure Criteria and the strictest Table I Closure Criteria, successfully defining the lateral extent of the release. The terminal depths of all delineation soil samples and pothole locations indicated all COCs were in compliance with the Site Closure Criteria. Based on visible staining in the release area and laboratory analytical results, excavation of impacted soil appeared warranted.

EXCAVATION ACTIVITIES

Between December 1 and December 4, 2025, Ensolum personnel returned to the Site to oversee the excavation of impacted soil. The entire release extent was scraped via heavy equipment or hand tools. Impacted soil was excavated to the maximum extent practicable (MEP) via heavy equipment and hand shovels. XTO safety policy restricts soil disturbing activities within a 2-foot radius of any on-pad, active production equipment. The excavation resulted in one large excavation located in the western portion of the release and three smaller hand-dug excavations located within the infrastructure footprint. Following the removal of accessible impacted soil, 5-point composite confirmation soil samples were collected every 200 square feet from the floor and sidewalls of the excavations. Confirmation soil samples FS01 through FS18 were collected from the floor of the excavations at depths ranging from 0.5 feet to 2 feet bgs and SW01 through SW06 were collected from the sidewalls of the excavations at depths ranging from ground surface to 2 feet bgs. In addition, surface confirmation soil samples, CS01 through CS05, were collected from areas within the release extent that could not be accessed with heavy equipment. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. Confirmation soil samples were handled and analyzed in the same manner as described above. All confirmation soil sample locations are depicted on Figure 3.

The final excavation extent measured approximately 3,303 square feet. A total of approximately 126 cubic yards of impacted soil was removed during excavation activities and was properly disposed of at the R360 Halfway Disposal and Landfill Facility in Hobbs, New Mexico.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for confirmation surface soil samples CS01 through CS05, confirmation floor soil samples FS14 and FS15, and confirmation sidewall soil samples SW03 through SW05, collected at depths ranging from surface to 0.5 feet bgs, indicated BTEX and/or Total TPH concentrations exceeded Site Closure Criteria. Soils in these areas were excavated to the MEP utilizing heavy equipment and hand shoveling but were left in place due to the proximity of nearby active production equipment and process piping.

Laboratory analytical results for confirmation surface soil sample CS06, confirmation floor soil samples FS01 through FS13 and FS16 through FS18, and confirmation sidewall soil samples SW01, SW02, and SW06. Laboratory analytical results are summarized on Table 1, and the complete laboratory analytical reports are included in Appendix E.

DEFFERAL REQUEST

XTO is requesting deferral of final remediation due to the presence of active production equipment including horizontal separating equipment, production piping, and support footings preventing excavation of impacted soil. The impacted soil is limited to the area below active production equipment, where remediation would require a major facility deconstruction. All accessible impacted soil was

excavated and/or scraped to the MEP. The estimated area of remaining impacted soil measures an estimated 390 cubic yards in a 2,631 square foot area, assuming a depth of 4 feet bgs based on analytical results of delineation soil sample PH04A. The area of requested deferral has been vertically defined by soil sample PH04A collected at 4 feet bgs and laterally defined by SS03/SS03A through SS05/SS05A, SS12 and SS12A, and SS13 through SS17. The proposed deferral area and all delineation and excavation soil samples used to define the deferral area are depicted on Figure 4.

XTO does not believe deferment will result in imminent risk to human health, the environment, or groundwater. The entirety of the release remained on pad and all confirmation soil samples collected from the final excavation extent outside of the area of requested deferral indicated all COCs were in compliance with Site Closure Criteria. Based on the presence of active production equipment and process piping within the release area and the complete lateral and vertical definition of impacted soil remaining in place, XTO requests deferral of final remediation for Incident Number nAPP2526631061 until final reclamation of the well pad or major construction, whichever comes first.

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

Sincerely,
Ensolum, LLC

Kelly Lowery
Project Geologist

Tacoma Morrissey
Associate Principal

cc: Robert Woodall, XTO
Richard Kotzur, XTO
BLM

Appendices:

Figure 1	Site Receptor Map
Figure 2	Delineation Soil Sample Locations
Figure 3	Confirmation Soil Sample Locations
Figure 4	Area of Request Deferral
Table 1	Soil Sample Analytical Results
Appendix A	Referenced Well Records
Appendix B	Photographic Log
Appendix C	Lithologic Soil Sampling Logs
Appendix D	Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix E	NMOCD Correspondence

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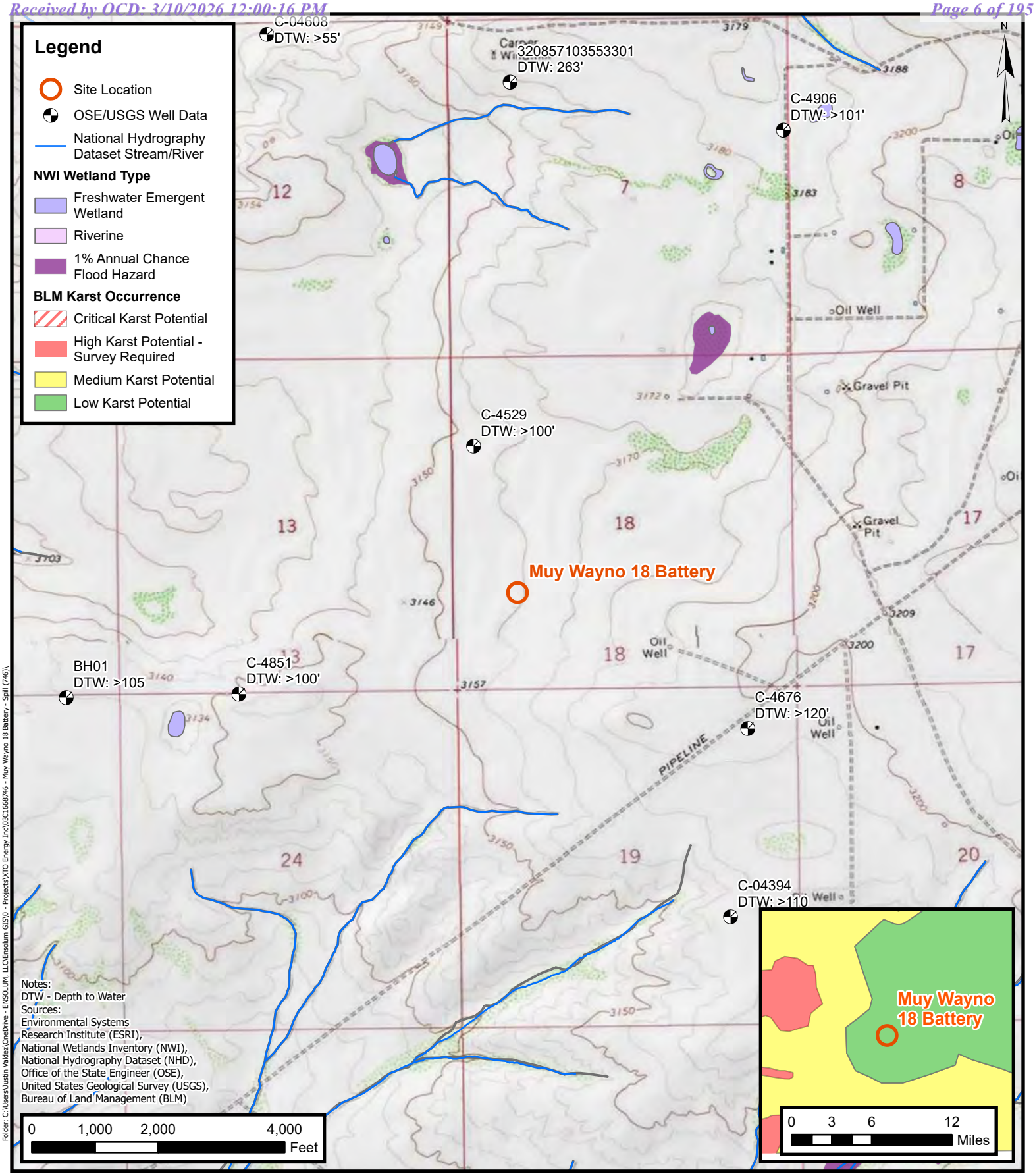
FIGURES



Folder: C:\Users\Justin Valdez\OneDrive - ENSOLUM, LLC\Ensolum GIS\0 - Projects\XTO Energy Inc\03C1668746 - Muy Wayno 18 Battery - Spill (746)\

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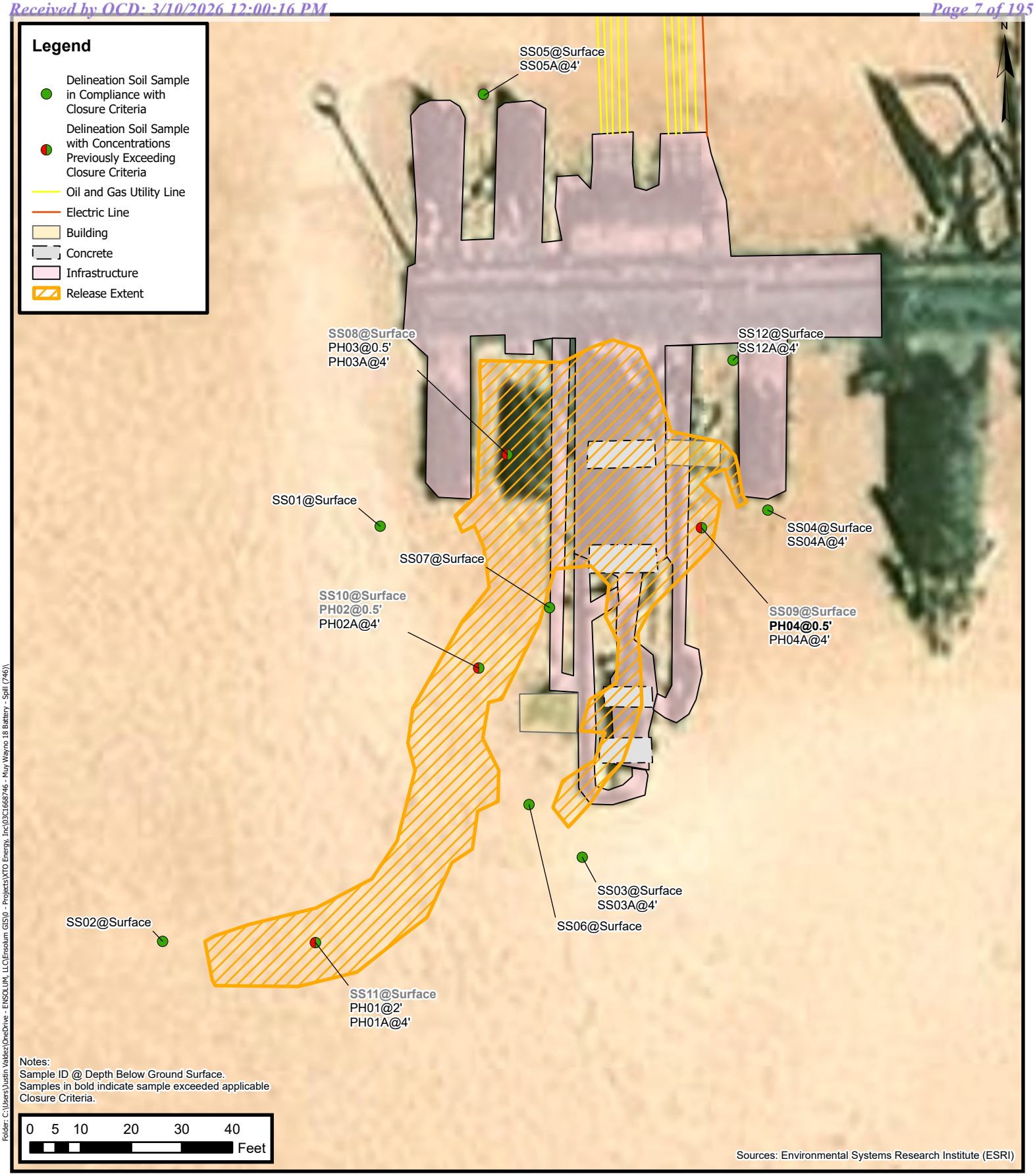
Site Receptor Map

XTO Energy Inc.
Muy Wayno 18 Battery
Incident Number: nAPP2526631061
Unit L, Section 18, T 25S, R 30E
Eddy County, New Mexico

FIGURE 1



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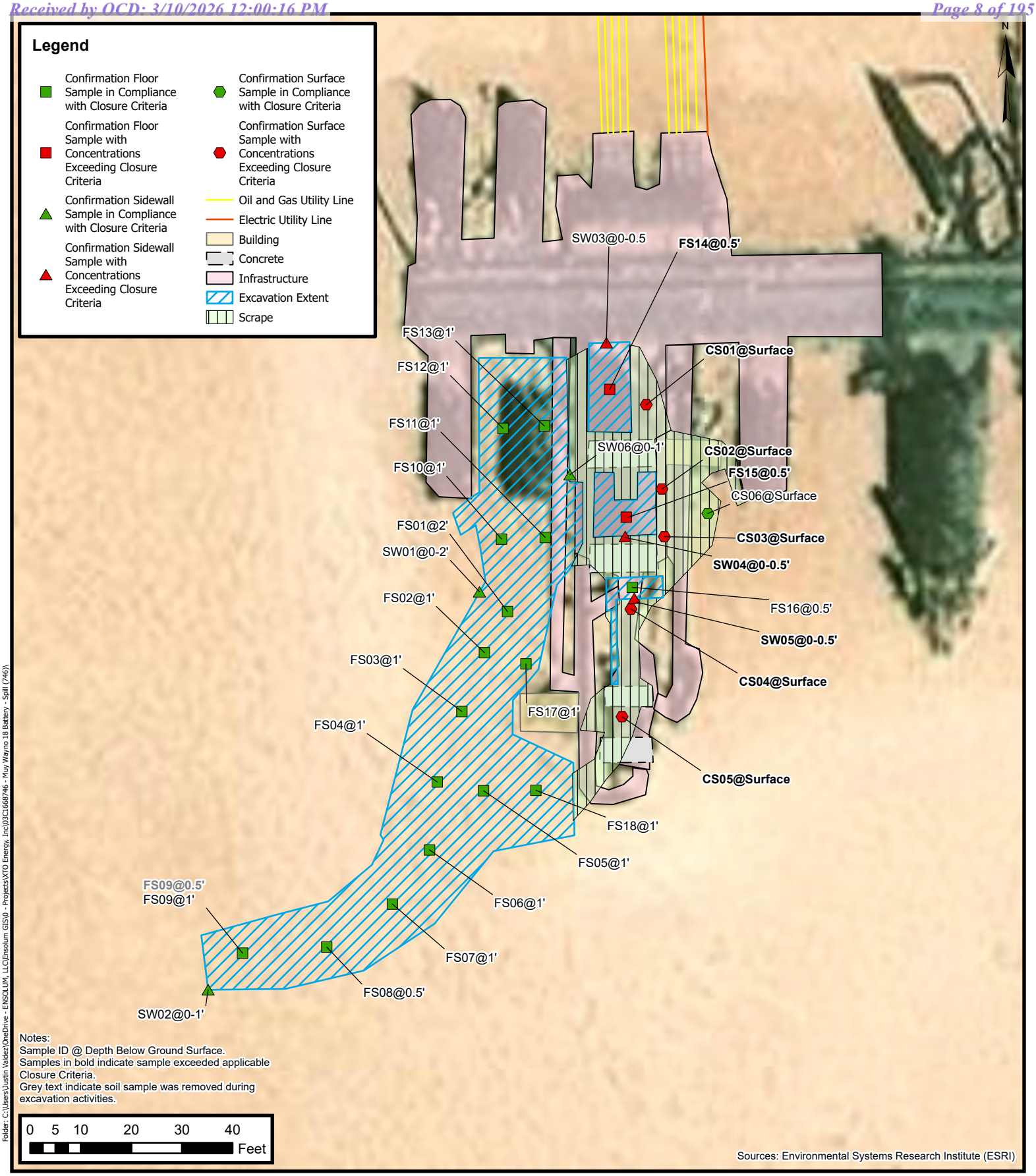
Delineation Soil Sample Locations

XTO Energy Inc.
Muy Wayno 18 Battery
Incident Number: nAPP2526631061
Unit L, Section 18, T 25S, R 30E
Eddy County, New Mexico

FIGURE 2



Notes:
Sample ID @ Depth Below Ground Surface.
Samples in bold indicate sample exceeded applicable Closure Criteria.
Grey text indicate soil sample was removed during excavation activities.

Sources: Environmental Systems Research Institute (ESRI)

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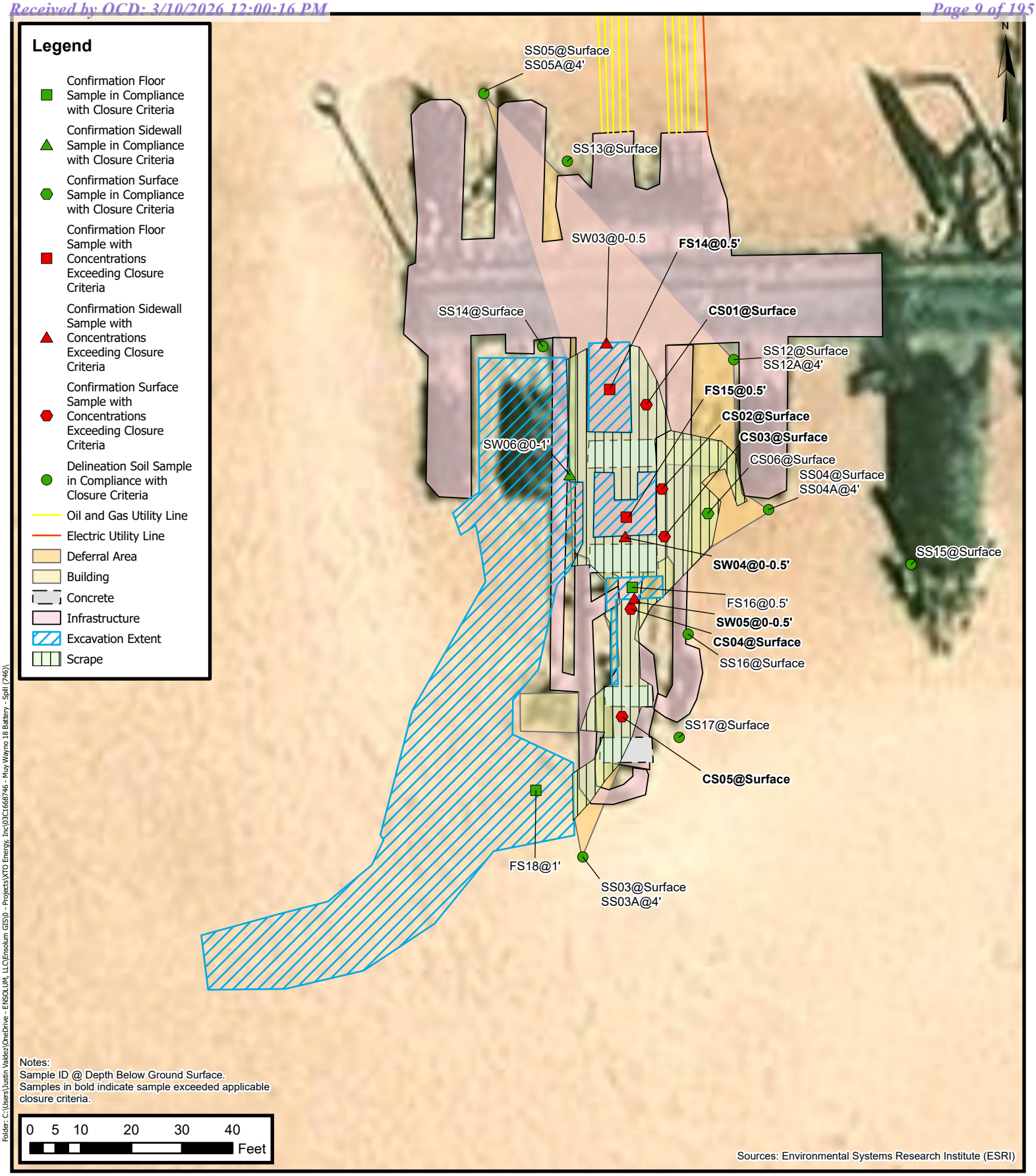
Confirmation Soil Sample Locations

XTO Energy Inc.
Muy Wayno 18 Battery
Incident Number: nAPP2526631061
Unit L, Section 18, T 25S, R 30E
Eddy County, New Mexico

FIGURE 3



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Area of Requested Deferral

XTO Energy Inc.
Muy Wayno 18 Battery
Incident Number: nAPP2526631061
Unit L, Section 18, T 25S, R 30E
Eddy County, New Mexico

FIGURE 4

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TABLES

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TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Muy Wayno 18 Battery
XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
SS01	09/29/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SS02	09/29/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
SS03	09/29/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
SS03A	12/04/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS04	09/29/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SS04A	12/04/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS05	09/29/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS05A	12/04/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS06	09/29/2025	Surface	<0.050	<0.300	<10.0	18.5	<10.0	18.5	18.5	10,900
SS07	09/29/2025	Surface	<0.050	<0.300	<10.0	63.1	<10.0	63.1	63.1	10,200
~~SS08~~	~~09/29/2025~~	~~Surface~~	~~0.672~~	~~**84.2**~~	~~3,650~~	~~37,400~~	~~4,530~~	~~**41,050**~~	~~**45,580**~~	~~11,200~~
PH03	10/10/2025	0.5	<0.00202	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	8,840
PH03A	10/10/2025	4	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	2,820
~~SS09~~	~~09/29/2025~~	~~Surface~~	~~0.323~~	~~39.4~~	~~1,440~~	~~23,900~~	~~2,910~~	~~**25,340**~~	~~**28,250**~~	~~4,400~~
PH04	10/10/2025	0.5	0.483	**56.6**	2,110	4,390	351	**6,500**	**6,850**	4,410
PH04A	10/10/2025	4	<0.00201	<0.00402	<50.0	90.0	62.5	90.0	153	4,680
~~SS10~~	~~10/10/2025~~	~~Surface~~	~~0.0213~~	~~13.9~~	~~742~~	~~13,200~~	~~1,230~~	~~**13,942**~~	~~**15,200**~~	~~**27,300**~~
~~PH02~~	~~10/10/2025~~	~~0.5~~	~~2.74~~	~~**125**~~	~~4,160~~	~~9,810~~	~~734~~	~~**13,970**~~	~~**14,704**~~	~~7,800~~
PH02A	10/10/2025	4	<0.00201	0.00491	71.0	158	<49.9	229	229	511
~~SS11~~	~~10/10/2025~~	~~Surface~~	~~<0.00201~~	~~0.197~~	~~<250~~	~~9,680~~	~~1,570~~	~~**9,680**~~	~~**11,300**~~	~~**35,900**~~
PH01	10/10/2025	2	<0.00201	0.408	58.6	408	<50.0	467	467	2,090
PH01A	10/10/2025	4	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	127
SS12	12/19/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
SS12A	12/19/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
SS13	02/11/2026	0.5	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	<10.1
SS14	02/11/2026	0.5	<0.00200	<0.00401	<49.8	92.7	<49.8	92.7	92.7	42.9
SS15	02/11/2026	0.5	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	<10.0
SS16	02/11/2026	0.5	<0.00198	<0.00396	<49.6	<49.6	<49.6	<49.6	<49.6	64.6
SS17	02/11/2026	0.5	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	113

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TABLE 1
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Muy Wayno 18 Battery
XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Confirmation Soil Samples										
CS01	12/04/2025	Surface	<0.200	**53.4**	1,700	9,520	837	**11,220**	**12,057**	6,800
CS02	12/04/2025	Surface	<0.200	37.5	1,430	9,800	1,040	**11,230**	**12,270**	6,080
CS03	12/04/2025	Surface	<0.200	22.1	951	7,530	820	**8,481**	**9,301**	5,440
CS04	12/04/2025	Surface	<0.050	2.91	262	3,280	430	**3,542**	**3,972**	11,500
CS05	12/04/2025	Surface	<0.050	17.4	848	6,100	509	**6,948**	**7,457**	7,280
CS06	12/04/2025	Surface	<0.050	<0.300	<10.0	404	50.7	404	455	1,840
Confirmation Floor Soil Samples										
FS01	12/01/2025	2	<0.050	<0.300	<10.0	68.3	<10.0	68.3	68.3	1,380
FS02	12/01/2025	1	<0.050	<0.300	<10.0	179	19.8	179	199	4,000
FS03	12/01/2025	1	<0.050	<0.300	<10.0	45.7	<10.0	45.7	45.7	1,920
FS04	12/01/2025	1	<0.050	<0.300	41.8	329	41.7	371	413	3,800
FS05	12/01/2025	1	<0.050	<0.300	<10.0	54.5	<10.0	54.5	54.5	192
FS06	12/01/2025	1	<0.050	<0.300	<10.0	135	16.4	135	151	3,200
FS07	12/01/2025	1	<0.050	<0.300	35.6	549	62.3	585	647	1,100
FS08	12/01/2025	0.5	<0.050	<0.300	26.3	740	95.4	766	862	1,010
FS09	~~12/01/2025~~	~~0.5~~	~~<0.050~~	~~<0.300~~	~~91.0~~	~~1,810~~	~~210~~	~~**1,901**~~	~~2,111~~	~~608~~
FS09	12/04/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS10	12/02/2025	1	<0.050	<0.300	<10.0	88.1	<10.0	88.1	88.1	5,600
FS11	12/02/2025	1	<0.050	<0.300	<10.0	94.2	<10.0	94.2	94.2	4,400
FS12	12/02/2025	1	<0.050	<0.300	<10.0	110	12.4	110	122	4,160
FS13	12/02/2025	1	<0.050	<0.300	<10.0	186	28.5	186	215	4,960
FS14	12/04/2025	0.5	<0.200	**99.3**	3,020	7,600	918	**10,620**	**11,538**	10,300
FS15	12/04/2025	0.5	<0.200	**67.1**	2,220	7,660	880	**9,880**	**10,760**	5,680
FS16	12/04/2025	0.5	<0.050	0.302	33.3	628	98.1	661	759	7,200
FS17	12/04/2025	1	<0.050	<0.300	<10.0	10.0	<10.0	10.0	10.0	4,680
FS18	12/04/2025	1	<0.050	<0.300	<10.0	16.3	<10.0	16.3	16.3	4,200

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TABLE 1
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Muy Wayno 18 Battery
XTO Energy, Inc
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			**10**	**50**	**NE**	**NE**	**NE**	**1,000**	**2,500**	**20,000**
Confirmation Sidewall Soil Samples										
SW01	12/03/2025	0-2	<0.050	<0.300	<10.0	33.9	<10.0	33.9	33.9	2,680
SW02	12/03/2025	0-1	<0.050	<0.300	<10.0	689	138	689	827	2,880
SW03	12/04/2025	0-0.5	<0.200	29.3	1,040	4,190	533	**5,230**	**5,763**	11,000
SW04	12/04/2025	0-0.5	<0.500	42.2	1,590	7,160	786	**8,750**	**9,536**	4,440
SW05	12/04/2025	0-0.5	<0.050	3.42	397	3,640	472	**4,037**	**4,509**	6,480
SW06	12/04/2025	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,320

Notes:

bgs: below ground surface
mg/kg: milligrams per kilogram
NE: Not Established
NMOCD: New Mexico Oil Conservation Division
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics
DRO: Diesel Range Organics
ORO: Oil Range Organics
TPH: Total Petroleum Hydrocarbon
NMAC: New Mexico Administrative Code

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

~~Grey~~ text indicates soil sample removed during excavation activities

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APPENDIX A

Referenced Well Records

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD1 (MW-1)	n/a	C-4529

WELL OWNER NAME(S)	PHONE (OPTIONAL)
XTO Energy (Kyle Littrell)	

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
6401 Holiday Hill Dr.	Midland	TX	79707

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32°	8'	2.07"	N
	LONGITUDE	103°	55'	42.27"	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE
NW NW Sec. 18 T25S R30E

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1249	Jackie D. Atkins	Atkins Engineering Associates, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
05/14/2021	05/14/2021	temporary well material	101	n/a

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED) — STATIC WATER LEVEL IN COMPLETED WELL (FT): n/a

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☑ OTHER – SPECIFY: Hollow Stem Auger

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	101	±6.5	Boring- HSA	--	--	--	--

3. ANNULAR MATERIAL

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

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/30/17)

FILE NO.	C-4529	POD NO.	1	TRN NO.	692934
LOCATION	Exp1	25S.30E.18.131		WELL TAG ID NO.	—

PAGE 1 OF 2

OSE DII JUN 10 2021 PM2:45

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	4	4	SAND, poorly graded, fine-very grained, caliche gravel, Reddish-brown, dry	Y ✓ N	
4	29	25	CALICHE, poorly consolidated, with sand medium grained, tan-off white, dry	Y ✓ N	
29	39	10	SAND, poorly graded, fine-very grained, some caliche gravel, Tan-brown, dry	Y ✓ N	
39	54	15	SILTY SAND, poorly graded, very- fine grained, Light brown, dry	Y ✓ N	
54	59	5	SILTY SAND, poorly graded, very- fine grained, caliche gravel Light brown, dr	Y ✓ N	
59	73	14	SANDY CLAY, very-fine grained sand, low plasticity, Brown- Red Brown, moi	Y ✓ N	
73	79	6	CLAYEY SAND, low plasticity, very-fine grained sand, Brown/Red Brown, mo	Y ✓ N	
79	83	4	SANDY CLAY, very-fine grained sand, low plasticity, Brown- Dark Brown, mo	Y ✓ N	
83	94	9	SANDY CLAY, very-fine grained sand, low plasticity, Reddish Brown, moist	Y ✓ N	
94	99	5	SANDY CLAY, very-fine grained sand, low plasticity, Brown-Dark Brown, dry	Y ✓ N	
99	101	2	SANDY CLAY, very-fine grained sand, low plasticity, Earth Brown, dry	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring backfilled using drill cuttings from total depth to ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface to surface. Logs adapted from WSP on-site geologist.

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Shane Eldridge, Carmelo Trevino, Cameron Pruitt

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Jack Atkins — Jackie D. Atkins — 06/09/2021

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/30/2017)

FILE NO. C-4525	POD NO. 1	TRN NO. 692934
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2

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ENSOLUM

APPENDIX B

Photographic Log

ENSOLUM

Photographic Log

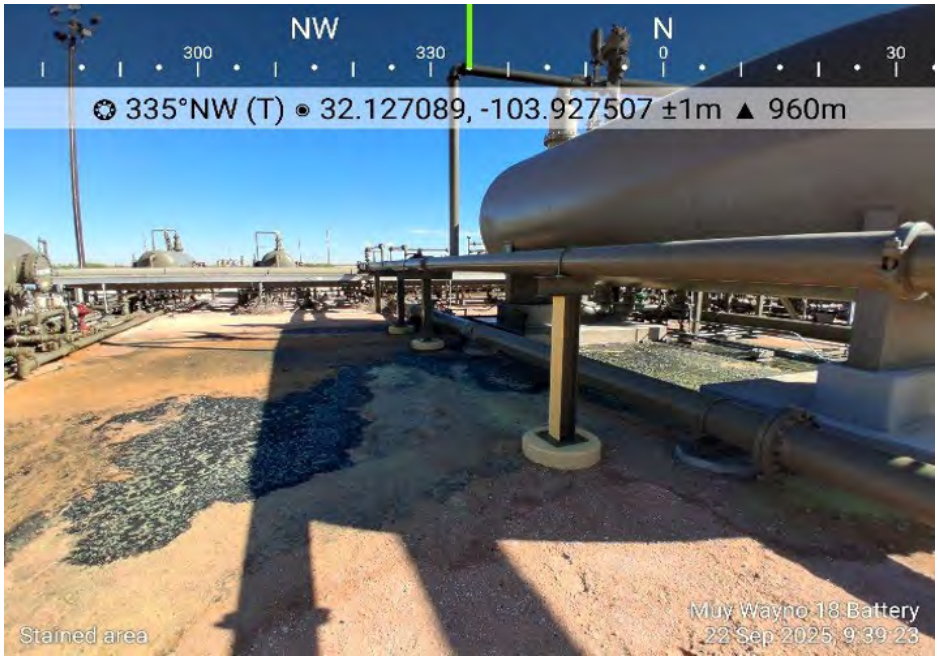
XTO Energy, Inc
Muy Wayno 18 Battery
nAPP2526631061

Photograph 1	Date 9/22/2025	
Description View of initial release extent		
View Northeast		
Photograph 2	Date 9/22/2025	
Description View of initial release extent		
View North		

ENSOLUM

Photographic Log

XTO Energy, Inc
Muy Wayno 18 Battery
nAPP2526631061

Photograph 3	Date 9/22/2025	
Description View of initial release extent		
View Northwest		
Photograph 4	Date 9/22/2025	
Description View of initial release extent		
View West		

ENSOLUM

Photographic Log

XTO Energy, Inc
Muy Wayno 18 Battery
nAPP2526631061

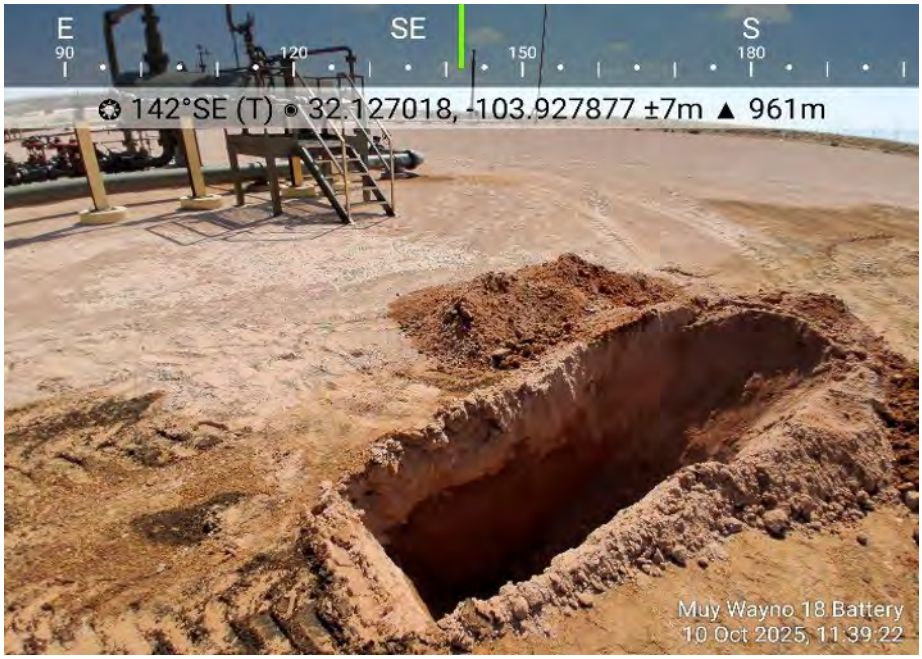
Photograph 5	Date 9/29/2025	
Description: View of release extent during delineation activities		
View: North		
Photograph 6	Date 9/29/2025	
Description: View of release extent during delineation activities		
View: Northwest		

ENSOLUM

Photographic Log

XTO Energy, Inc
Muy Wayno 18 Battery
nAPP2526631061

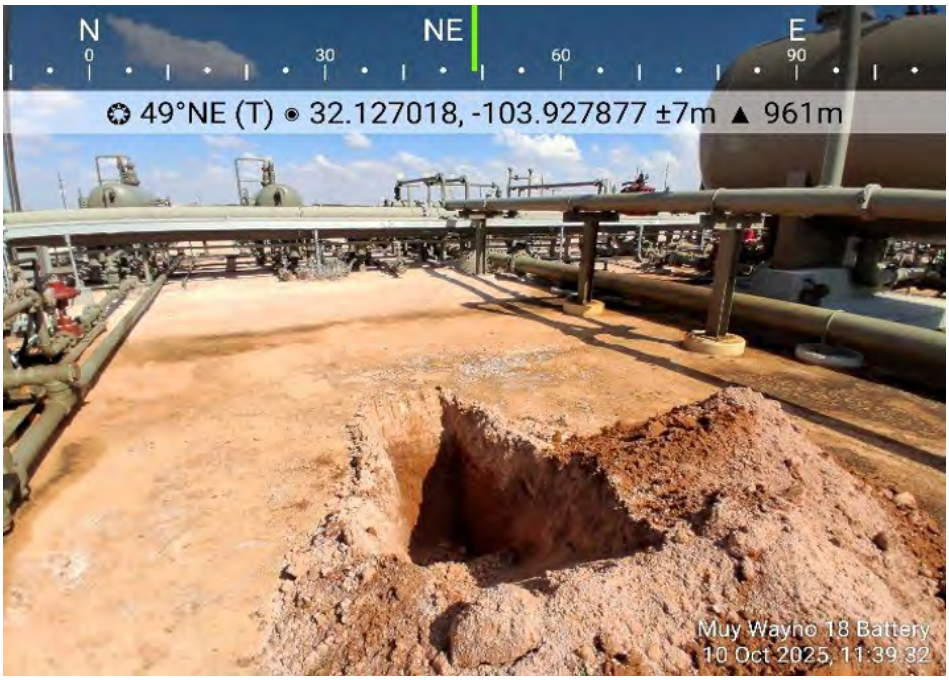
Photograph	Date
7	10/10/2025



Description
Delineation location for SS10/PH02

View
Southeast

Photograph	Date
8	10/10/2025



Description
Delineation location for SS08/PH03

View
Northeast

ENSOLUM

Photographic Log

XTO Energy, Inc
Muy Wayno 18 Battery
nAPP2526631061

Photograph	Date
9	12/1/2025

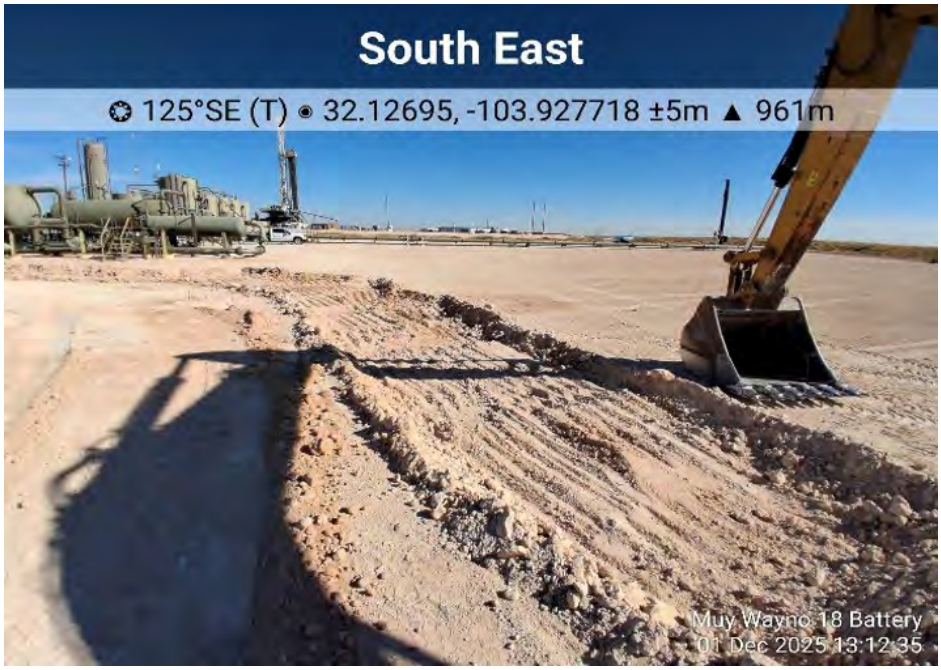
Description
Excavation activities near FS03

View
Southeast

Photograph	Date
10	12/1/2025

Description
Excavation activities near FS08

View
Southeast



ENSOLUM

Photographic Log

XTO Energy, Inc
Muy Wayno 18 Battery
nAPP2526631061

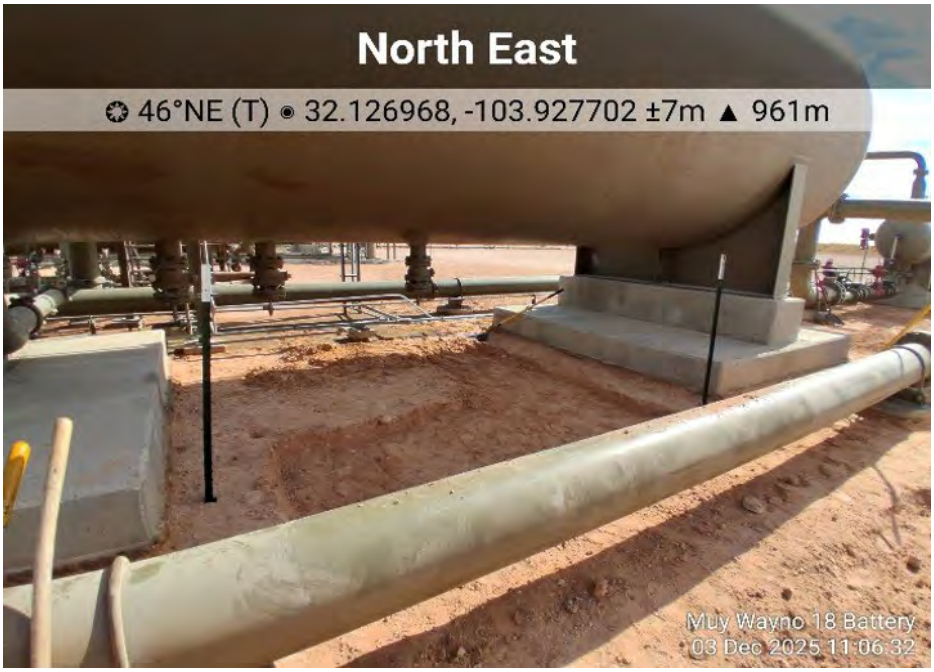
Photograph	Date	
11	12/2/2025	
Description: Hand shoveling activities near SW06		
View: South		

Photograph	Date	
12	12/2/2025	
Description: Excavation activities near FS12		
View: Northeast		

ENSOLUM

Photographic Log

XTO Energy, Inc
Muy Wayno 18 Battery
nAPP2526631061

Photograph	Date	
13	12/3/2025	
Description: Hand shoveling activities near FS15 and SW04		
View: Northeast		

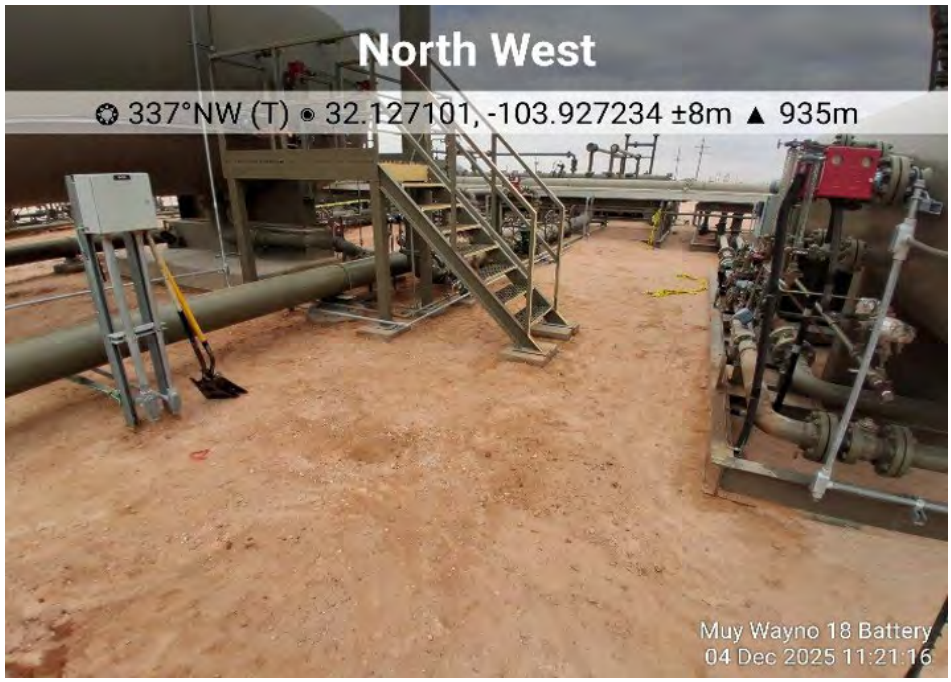
Photograph	Date	
14	12/3/2025	
Description: Hand shoveling activities near FS16 and SW05		
View: Northeast		

ENSOLUM

Photographic Log

XTO Energy, Inc
Muy Wayno 18 Battery
nAPP2526631061

Photograph	Date	
15	12/4/2025	
Description: Hand shoveling activities near CS05		
View: Northwest		

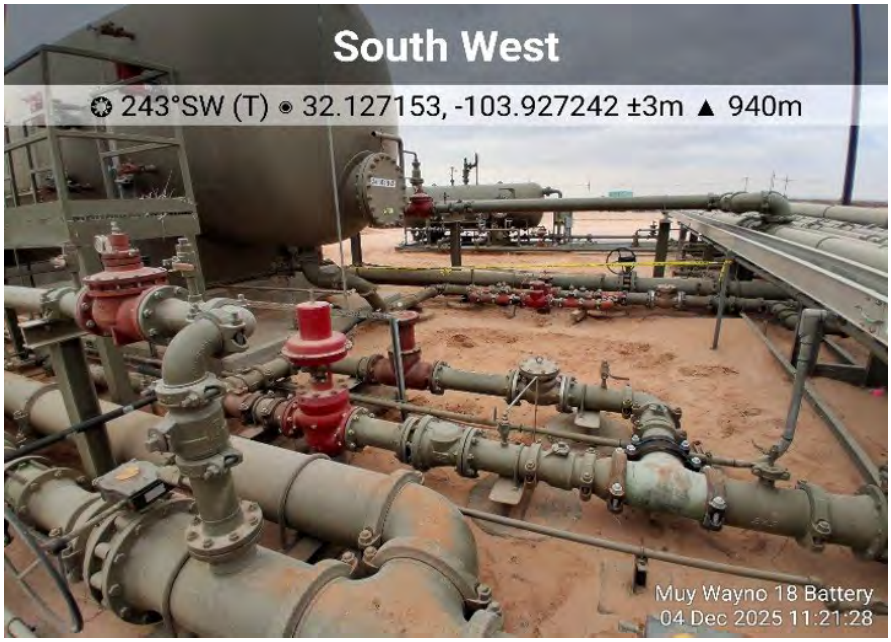
Photograph	Date	
16	12/4/2025	
Description: Hand shoveling activities near CS06		
View: Northwest		

ENSOLUM

Photographic Log

XTO Energy, Inc
Muy Wayno 18 Battery
nAPP2526631061

Photograph	Date
17	12/4/2025



Description
Hand shoveling activities near FS14 and SW03

View
Southwest

Photograph	Date
18	12/4/2025

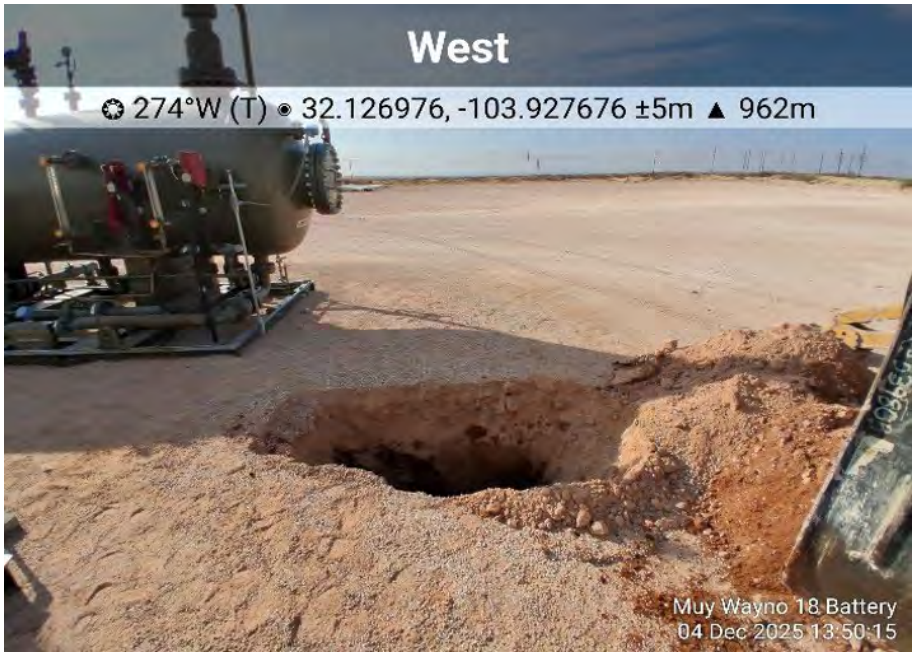
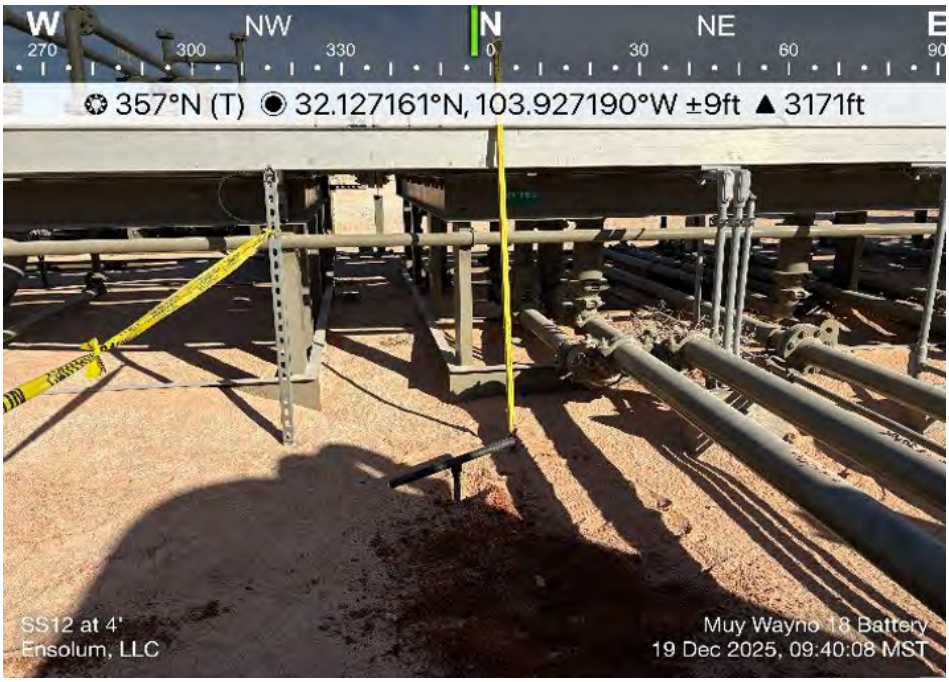
Description
Additional delineation activities at SS04

View
South

ENSOLUM

Photographic Log

XTO Energy, Inc
Muy Wayno 18 Battery
nAPP2526631061

Photograph 19	Date 12/4/2025	
Description Additional delineation activities at SS05		
View West		
Photograph 20	Date 12/19/2025	
Description Additional delineation activities at SS12		
View North		

ENSOLUM

Photographic Log

XTO Energy, Inc
Muy Wayno 18 Battery
nAPP2526631061

Photograph 21	Date 2/11/2026	
Description Additional delineation activities at SS14		
View North		
Photograph 22	Date 2/11/2026	
Description Additional delineation activities at SS13		
View South		

ENSOLUM

APPENDIX C

Lithologic Soil Sampling Logs

ENSOLUM

Sample Name: SS03	Date: 09/29/25-12/04/25
Site Name: Muy Wayno 18 Battery	
Incident Number: nAPP2526631061	
Job Number: 03C1558746	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: Trevor Wargo	Method: Backhoe
Coordinates: 32.1268939, -103.9273115	Hole Diameter: 2 feet / Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% correction factor is included. SAA: Same as above

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<156.8	6.1	N	SS03	Surface	0	CCHE	Pad Caliche tan well graded fine-coarse grain
D	1,153.6	0	N	SS03		1	SM	Sand clay red poorly graded fine grain
D	330	0	N	SS03		2	SM	SAA
D	<179.2	0	N	SS03		3	SM	SAA
D	<179.2	0.1	N	SS03A	4	4	SM	SAA

Total depth at 4ft bgs

ENSOLUM

	Sample Name: SS04	Date: 09/29/25-12/04/25
	Site Name: Muy Wayno 18 Battery	
	Incident Number: nAPP2526631061	
	Job Number: 03C1558746	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Trevor Wargo	Method: Backhoe
Coordinates: 32.127082, -103.9271907	Hole Diameter: 2 feet	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% correction factor is included. SAA: Same as above

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	156.8	8.5	N	SS04	Surface	0	CCHE	Pad Caliche tan well graded fine-coarse grain
D	<179.2	0.2	N	SS04		1	SM	Sand clay red poorly graded fine grain
D	<179.2	0.2	N	SS04		2	SM	SAA
D	<179.2	0.3	N	SS04		3	SM	SAA
D	<179.2	0.7	N	SS04A	4	4	SM	SAA

Total depth at 4ft bgs

ENSOLUM

	Sample Name: SS05	Date: 09/29/25-12/04/25
	Site Name: Muy Wayno 18 Battery	
	Incident Number: nAPP2526631061	
	Job Number: 03C1558746	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Trevor Wargo	Method: hand auger
Coordinates: 32.1273103, -103.9273691	Hole Diameter: 0.5 feet	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% correction factor is included. SAA: Same as above.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<157	5.6	N	SS05	Surface	0	CCHE	Pad Caliche tan well graded fine-coarse grain
D	425.6	0	N	SS05		1	SM	Sand clay red poorly graded fine grain
D	179.2	0	N	SS05		2	SM	SAA
D	<179.2	0	N	SS05		3	SM	SAA
D	<179.2	0	N	SS05A	4	4	SM	SAA

Total depth at 4ft bgs

ENSOLUM

Sample Name: SS08/PH03	Date: 9/29/25 - 10/10/25	
Site Name: Muy Wayno 18 Battery		
Incident Number: nAPP2526631061		
Job Number: 03C1558746		
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Trevor Wargo	Method: Backhoe
Coordinates: 32.1271108, -103.9273556	Hole Diameter: 2 feet	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% correction factor is included. SAA: Same as above

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M	12,443.2	<5,000	Y	SS08	Surface	0	CCHE	Pad Caliche tan well graded fine-coarse grain
D	8,422.4	5.9	N	PH03	0.5	0.5	SM	Sand clay, red poorly graded fine grain
D	2,180.4	4.7	N	PH03		1	SM	SAA
D	2,884	5.1	N	PH03		2	SM	SAA
D	2,452.8	3.8	N	PH03		3	SM	SAA
D	1,321.6	4.3	N	PH03A	4	4	SM	SAA

Total depth at 4ft bgs

ENSOLUM

	Sample Name: SS09/PH04	Date: 9/29/25 - 10/10/25
	Site Name: Muy Wayno 18 Battery	
	Incident Number: nAPP2526631061	
	Job Number: 03C1558746	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Trevor Wargo	Method: Backhoe
Coordinates: 32.1270683, -103.9272351	Hole Diameter: 2 feet	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% correction factor is included. SAA: Same as above

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M	4,317.6	<5,000	Y	SS09	Surface	0	CCHE	Pad Caliche tan well graded fine-coarse grain
M	4,827.2	<5,000	Y	PH04	0.5	0.5		SAA
D	3,236.8	97	N	PH04		1	SM	Sand clay red poorly graded fine grain
D	5,236	23	N	PH04		2	SM	SAA
D	5,236	22.6	N	PH04		3	SM	SAA
D	4,827.2	10.9	N	PH04A	4	4	SM	SAA

Total depth at 4ft bgs

ENSOLUM

Sample Name: SS10/PH02	Date: 10/10/25
Site Name: Muy Wayno 18 Battery	
Incident Number: nAPP2526631061	
Job Number: 03C1558746	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Trevor Wargo / Method: Backhoe
Coordinates: 32.126997, -103.9273761	Hole Diameter: 2 feet / Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% correction factor is included. SAA: Same as above

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M	22,226.4	317.9	Y	SS10	Surface	0	CCHE	Pad Caliche tan well graded fine-coarse grain
M	7,778.4	4,368	Y	PH02	0.5	0.5		SAA
D	3,164	290.1	N	PH02		1	SM	Sand clay red poorly graded fine grain
D	1,321.6	170.8	N	PH02		2	SM	SAA
D	879.2	263.6	N	PH02		3	SM	SAA
D	464.8	17.1	N	PH02A	4	4	SM	SAA

Total depth at 4ft bgs

ENSOLUM

Sample Name: SS11/PH01	Date: 10/10/25
Site Name: Muy Wayno 18 Battery	
Incident Number: nAPP2526631061	
Job Number: 03C1558746	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Trevor Wargo / Method: Backhoe
Coordinates: 32.1268492, -103.9274824	Hole Diameter: 2 feet / Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% correction factor is included. SAA: Same as above

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	31,236.8	62.6	Y	SS11	Surface	0	CCHE	Pad Caliche tan well graded fine-coarse grain
D	6,137.6	902.9	N	PH01		0.5		SAA
D	963.2	50.5	N	PH01		1	SM	Sand clay red poorly graded fine grain
D	1,534.4	1,042	N	PH01	2	2	SM	SAA
D	268.8	83.1	N	PH01		3	SM	SAA
D	<156.8	86.9	N	PH01A	4	4	SM	SAA

Total depth at 4ft bgs

ENSOLUM

Sample Name: SS12	Date: 12/19/25	
Site Name: Muy Wayno 18 Battery		
Incident Number: nAPP2526631061		
Job Number: 03C1558746		
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Jacob Harrison	Method: Hand auger
Coordinates: 32.1271633, -103.9272124	Hole Diameter: 2 inches	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% correction factor is included. SAA: Same as above

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	168	2.0	N	SS12	Surface	0	CCHE	Pad Caliche tan well graded fine-coarse grain subrounded
D	207	2.0	N	SS12		1	SM	Silty sand clay dark red poorly graded veryfine to med grain subrounded
D	296	2.9	N	SS12		2	SM	SAA
D	296	3.0	N	SS12		3	SM	SAA
D	347	3.0	N	SS12A	4	4	SM	SAA

Total depth at 4ft bgs

ENSOLUM

APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation

CARDINAL Laboratories

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

October 06, 2025

TRACY HILLARD

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: MUY WAYNO 18 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 09/30/25 13:05.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/30/2025	Sampling Date:	09/29/2025
Reported:	10/06/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.12709-103.92620		

Sample ID: SS01 SURFACE (H256109-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2025	ND	1.53	76.3	2.00	12.0	
Toluene*	<0.050	0.050	10/01/2025	ND	1.63	81.6	2.00	12.8	
Ethylbenzene*	<0.050	0.050	10/01/2025	ND	1.66	83.2	2.00	13.9	
Total Xylenes*	<0.150	0.150	10/01/2025	ND	5.21	86.8	6.00	13.4	
Total BTEX	<0.300	0.300	10/01/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	10/01/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2025	ND	191	95.3	200	1.98	
DRO >C10-C28*	<10.0	10.0	09/30/2025	ND	190	94.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	09/30/2025	ND					

Surrogate: 1-Chlorooctane *82.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *83.3 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/30/2025	Sampling Date:	09/29/2025
Reported:	10/06/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.12709-103.92620		

Sample ID: SS02 SURFACE (H256109-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2025	ND	1.53	76.3	2.00	12.0	
Toluene*	<0.050	0.050	10/01/2025	ND	1.63	81.6	2.00	12.8	
Ethylbenzene*	<0.050	0.050	10/01/2025	ND	1.66	83.2	2.00	13.9	
Total Xylenes*	<0.150	0.150	10/01/2025	ND	5.21	86.8	6.00	13.4	
Total BTEX	<0.300	0.300	10/01/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**336**	16.0	10/01/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2025	ND	191	95.3	200	1.98	
DRO >C10-C28*	<10.0	10.0	09/30/2025	ND	190	94.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	09/30/2025	ND					

Surrogate: 1-Chlorooctane *73.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *74.3 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/30/2025	Sampling Date:	09/29/2025
Reported:	10/06/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.12709-103.92620		

Sample ID: SS03 SURFACE (H256109-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2025	ND	1.53	76.3	2.00	12.0	
Toluene*	<0.050	0.050	10/01/2025	ND	1.63	81.6	2.00	12.8	
Ethylbenzene*	<0.050	0.050	10/01/2025	ND	1.66	83.2	2.00	13.9	
Total Xylenes*	<0.150	0.150	10/01/2025	ND	5.21	86.8	6.00	13.4	
Total BTEX	<0.300	0.300	10/01/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	10/01/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2025	ND	191	95.3	200	1.98	
DRO >C10-C28*	<10.0	10.0	09/30/2025	ND	190	94.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	09/30/2025	ND					

Surrogate: 1-Chlorooctane *70.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *71.3 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/30/2025	Sampling Date:	09/29/2025
Reported:	10/06/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.12709-103.92620		

Sample ID: SS04 SURFACE (H256109-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2025	ND	1.53	76.3	2.00	12.0	
Toluene*	<0.050	0.050	10/01/2025	ND	1.63	81.6	2.00	12.8	
Ethylbenzene*	<0.050	0.050	10/01/2025	ND	1.66	83.2	2.00	13.9	
Total Xylenes*	<0.150	0.150	10/01/2025	ND	5.21	86.8	6.00	13.4	
Total BTEX	<0.300	0.300	10/01/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	10/01/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2025	ND	191	95.3	200	1.98	
DRO >C10-C28*	<10.0	10.0	09/30/2025	ND	190	94.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	09/30/2025	ND					

Surrogate: 1-Chlorooctane *84.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *86.9 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/30/2025	Sampling Date:	09/29/2025
Reported:	10/06/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.12709-103.92620		

Sample ID: SS05 SURFACE (H256109-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2025	ND	1.53	76.3	2.00	12.0	
Toluene*	<0.050	0.050	10/01/2025	ND	1.63	81.6	2.00	12.8	
Ethylbenzene*	<0.050	0.050	10/01/2025	ND	1.66	83.2	2.00	13.9	
Total Xylenes*	<0.150	0.150	10/01/2025	ND	5.21	86.8	6.00	13.4	
Total BTEX	<0.300	0.300	10/01/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/01/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2025	ND	191	95.3	200	1.98	
DRO >C10-C28*	<10.0	10.0	09/30/2025	ND	190	94.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	09/30/2025	ND					

Surrogate: 1-Chlorooctane *78.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.9 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 - 1

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Tracy Hillard	**P.O. #:**
Address: 601 N Marienfeld Street, Suite 400	**Company:** XTO Energy, Inc
City: Midland **State:** TX **Zip:** 79701	**Attn:** Colton Brown
Phone #: (575) 937-3906 **Fax #:**	**Address:** 3104 E Greene St
Project #: 03C1558746 **Project Owner:** XTO Energy	**City:** Carlsbad
Project Name: Muy Wayno 18 Battery - SPILLS	**State:** NM **Zip:** 88220
Project Location: 32.12709, -103.92620	**Phone #:**
Sampler Name: Trevor Wargo	**Fax #:**

FOR LAB USE ONLY					MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST												
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPH 8015	BTEX 8021	Chloride 4500										
H256109																												
1	SS01	Surface	G	1										09/29/25	10:24													
2	SS02														10:57													
3	SS03														11:18													
4	SS04														11:20													
5	SS05														12:17													

TBW

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Trevor Wargo	**Date:** 9-30-25 **Time:** 1305	**Received By:** Tamara Oldaker	**Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:**
Relinquished By:	**Date:** **Time:**	**Received By:**	**All Results are emailed. Please provide Email address:** BBelill@ensolum.com, TMorrissey@ensolum.com, twargo@ensolum.com, THillard@ensolum.com, KThomason@ensolum.com
			REMARKS: Incident Number: nAPP2526631061 Cost Center: 1056671001 GFCM: 48605000
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	**Observed Temp. °C** 3.4 **Corrected Temp. °C** 3.7	**Sample Condition** Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	**CHECKED BY: (Initials)** TB
			Turnaround Time: Standard ☑ Rush ☐ **Thermometer ID** #113 **Correction Factor** -0.5°C #140: +0.3C
			Bacteria (only) Sample Condition Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No **Observed Temp. °C** **Corrected Temp. °C**

FORM-006 R 3.2 10/07/21

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

CARDINAL Laboratories

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

October 06, 2025

TRACY HILLARD

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: MUY WAYNO 18 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 09/30/25 13:05.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/30/2025	Sampling Date:	09/29/2025
Reported:	10/06/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.12709-103.92620		

Sample ID: SS06 SURFACE (H256110-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2025	ND	1.53	76.3	2.00	12.0	
Toluene*	<0.050	0.050	10/01/2025	ND	1.63	81.6	2.00	12.8	
Ethylbenzene*	<0.050	0.050	10/01/2025	ND	1.66	83.2	2.00	13.9	
Total Xylenes*	<0.150	0.150	10/01/2025	ND	5.21	86.8	6.00	13.4	
Total BTEX	<0.300	0.300	10/01/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**10900**	16.0	10/01/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2025	ND	191	95.3	200	1.98	
DRO >C10-C28*	**18.5**	10.0	09/30/2025	ND	190	94.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	09/30/2025	ND					

Surrogate: 1-Chlorooctane *76.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *77.7 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/30/2025	Sampling Date:	09/29/2025
Reported:	10/06/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.12709-103.92620		

Sample ID: SS07 SURFACE (H256110-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2025	ND	1.53	76.3	2.00	12.0	
Toluene*	<0.050	0.050	10/01/2025	ND	1.63	81.6	2.00	12.8	
Ethylbenzene*	<0.050	0.050	10/01/2025	ND	1.66	83.2	2.00	13.9	
Total Xylenes*	<0.150	0.150	10/01/2025	ND	5.21	86.8	6.00	13.4	
Total BTEX	<0.300	0.300	10/01/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**10200**	16.0	10/01/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2025	ND	191	95.3	200	1.98	
DRO >C10-C28*	**63.1**	10.0	09/30/2025	ND	190	94.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	09/30/2025	ND					

Surrogate: 1-Chlorooctane *80.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *85.0 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/30/2025	Sampling Date:	09/29/2025
Reported:	10/06/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.12709-103.92620		

Sample ID: SS08 SURFACE (H256110-03)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**0.672**	0.200	10/02/2025	ND	1.53	76.3	2.00	12.0	GC-NC1
Toluene*	**11.3**	0.200	10/02/2025	ND	1.63	81.6	2.00	12.8	
Ethylbenzene*	**5.27**	0.200	10/02/2025	ND	1.66	83.2	2.00	13.9	
Total Xylenes*	**67.0**	0.600	10/02/2025	ND	5.21	86.8	6.00	13.4	
Total BTEX	**84.2**	1.20	10/02/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *162 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**11200**	16.0	10/01/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**3650**	50.0	10/01/2025	ND	191	95.3	200	1.98	
DRO >C10-C28*	**37400**	50.0	10/01/2025	ND	190	94.9	200	1.86	
EXT DRO >C28-C36	**4530**	50.0	10/01/2025	ND					

Surrogate: 1-Chlorooctane *681 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *1180 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	09/30/2025	Sampling Date:	09/29/2025
Reported:	10/06/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.12709-103.92620		

Sample ID: SS09 SURFACE (H256110-04)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**0.323**	0.100	10/02/2025	ND	1.53	76.3	2.00	12.0	GC-NC1
Toluene*	**5.72**	0.100	10/02/2025	ND	1.63	81.6	2.00	12.8	
Ethylbenzene*	**2.34**	0.100	10/02/2025	ND	1.66	83.2	2.00	13.9	
Total Xylenes*	**31.1**	0.300	10/02/2025	ND	5.21	86.8	6.00	13.4	
Total BTEX	**39.4**	0.600	10/02/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *163 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4400**	16.0	10/01/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**1440**	50.0	10/01/2025	ND	191	95.3	200	1.98	
DRO >C10-C28*	**23900**	50.0	10/01/2025	ND	190	94.9	200	1.86	
EXT DRO >C28-C36	**2910**	50.0	10/01/2025	ND					

Surrogate: 1-Chlorooctane *516 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *478 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04	The RPD for the BS/BSD was outside of historical limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1-1

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Tracy Hillard	**P.O. #:**
Address: 601 N Marienfeld Street, Suite 400	**Company:** XTO Energy, Inc
City: Midland **State:** TX **Zip:** 79701	**Attn:** Colton Brown
Phone #: (575) 937-3906 **Fax #:**	**Address:** 3104 E Greene St
Project #: 03C1558746 **Project Owner:** XTO Energy	**City:** Carlsbad
Project Name: Muy Wayno 18 Battery - SPILLS	**State:** NM **Zip:** 88220
Project Location: 32.12709, -103.92620	**Phone #:**
Sampler Name: Trevor Wargo	**Fax #:**

FOR LAB USE ONLY					MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST														
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPH 8015	BTEX 8021	Chloride 4500												
H256110														9.29.25																
1	SS06	surface	G	1			✓					✓			10:43	✓	✓	✓												
2	SS07														10:59															
3	SS08														12:19															
4	SS09														12:35															

TBW

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Trevor Wargo	**Date:** 9-30-25 **Time:** 1305	**Received By:**	**Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:**
Relinquished By:	**Date:** **Time:**	**Received By:**	**All Results are emailed. Please provide Email address:** BBelill@ensolum.com, TMorrissey@ensolum.com, twargo@ensolum.com, THillard@ensolum.com, KThomason@ensolum.com
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	**Observed Temp. °C** 3.4 **Corrected Temp. °C** 3.7	**Sample Condition** Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No	**CHECKED BY: (Initials)**

REMARKS: Incident Number: nAPP2526631061
Cost Center: 1056671001
GFCM: 48605000

Turnaround Time: Standard ☑ Rush ☐ **Thermometer ID** #113 **Correction Factor** -0.5°C

Bacteria (only) Sample Condition Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No **Observed Temp. °C** #140 **Corrected Temp. °C** +0.3c 9.30.25

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

FORM-006 R 3.2 10/07/21

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/14/2025 3:48:10 PM

JOB DESCRIPTION

MUY WAYNO 18 BATTERY
03C1558746

JOB NUMBER

890-8953-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

my EOL

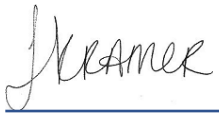
Eurofins Carlsbad

Job Notes

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

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

Authorization



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

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Laboratory Job ID: 890-8953-1
SDG: 03C1558746

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Definitions/Glossary

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Ensolum Job ID: 890-8953-1
Project: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1 Eurofins Carlsbad

Job Narrative
890-8953-1

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

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

Receipt
The samples were received on 10/10/2025 3:19 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 6.2°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: PH04 (890-8953-1), PH04A (890-8953-2), SS10 (890-8953-3), SS11 (890-8953-4), PH03 (890-8953-5), PH03A (890-8953-6), PH02 (890-8953-7), PH02A (890-8953-8), PH01 (890-8953-9) and PH01A (890-8953-10).

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: PH04 (890-8953-1), SS10 (890-8953-3), SS11 (890-8953-4), PH02 (890-8953-7) and PH01 (890-8953-9). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: PH04 (890-8953-1), SS10 (890-8953-3) and PH02 (890-8953-7). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: PH04 (890-8953-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS10 (890-8953-3) and SS11 (890-8953-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: PH02 (890-8953-7). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

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

Client Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

Client Sample ID: PH04

Date Collected: 10/10/25 09:32
Date Received: 10/10/25 15:19
Sample Depth: 0.5

Lab Sample ID: 890-8953-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.483		0.0497		mg/Kg		10/13/25 11:12	10/13/25 16:13	25
Toluene	6.71		0.0497		mg/Kg		10/13/25 11:12	10/13/25 16:13	25
Ethylbenzene	2.81		0.0497		mg/Kg		10/13/25 11:12	10/13/25 16:13	25
m-Xylene & p-Xylene	36.7		1.01		mg/Kg		10/14/25 09:40	10/14/25 13:38	250
o-Xylene	9.89		0.0497		mg/Kg		10/13/25 11:12	10/13/25 16:13	25
Xylenes, Total	48.3		1.01		mg/Kg		10/14/25 09:40	10/14/25 13:38	250

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*267*	*S1+*	*70 - 130*	*10/13/25 11:12*	*10/13/25 16:13*	*25*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/13/25 11:12*	*10/13/25 16:13*	*25*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	56.6		1.01		mg/Kg			10/14/25 13:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6850		49.9		mg/Kg			10/14/25 00:03	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	2110		49.9		mg/Kg		10/13/25 08:45	10/14/25 00:03	1
Diesel Range Organics (Over C10-C28)	4390		49.9		mg/Kg		10/13/25 08:45	10/14/25 00:03	1
Oil Range Organics (Over C28-C36)	351		49.9		mg/Kg		10/13/25 08:45	10/14/25 00:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*10/13/25 08:45*	*10/14/25 00:03*	*1*
o-Terphenyl	*153*	*S1+*	*70 - 130*	*10/13/25 08:45*	*10/14/25 00:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4410		50.5		mg/Kg			10/13/25 19:35	5

Client Sample ID: PH04A

Date Collected: 10/10/25 10:08
Date Received: 10/10/25 15:19
Sample Depth: 4

Lab Sample ID: 890-8953-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:12	10/13/25 13:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:12	10/13/25 13:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:12	10/13/25 13:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/13/25 11:12	10/13/25 13:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:12	10/13/25 13:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/13/25 11:12	10/13/25 13:29	1

Client Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

Client Sample ID: PH04A

Date Collected: 10/10/25 10:08
Date Received: 10/10/25 15:19
Sample Depth: 4

Lab Sample ID: 890-8953-2

Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/13/25 11:12*	*10/13/25 13:29*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/13/25 11:12*	*10/13/25 13:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			10/13/25 13:29	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**153**		50.0	mg/Kg			10/14/25 00:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		10/13/25 08:45	10/14/25 00:18	1
Diesel Range Organics (Over C10-C28)	**90.0**		50.0	mg/Kg		10/13/25 08:45	10/14/25 00:18	1
Oil Range Organics (Over C28-C36)	**62.5**		50.0	mg/Kg		10/13/25 08:45	10/14/25 00:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*10/13/25 08:45*	*10/14/25 00:18*	*1*
o-Terphenyl	*97*		*70 - 130*	*10/13/25 08:45*	*10/14/25 00:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4680**		49.7	mg/Kg			10/13/25 19:40	5

Client Sample ID: SS10

Date Collected: 10/10/25 09:40
Date Received: 10/10/25 15:19
Sample Depth: SURFACE

Lab Sample ID: 890-8953-3

Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0213**		0.00200	mg/Kg		10/13/25 11:12	10/13/25 13:50	1
Toluene	**0.367**		0.00200	mg/Kg		10/13/25 11:12	10/13/25 13:50	1
Ethylbenzene	**0.117**		0.00200	mg/Kg		10/13/25 11:12	10/13/25 13:50	1
m-Xylene & p-Xylene	**9.75**		0.0798	mg/Kg		10/14/25 09:40	10/14/25 13:17	20
o-Xylene	**3.60**		0.0399	mg/Kg		10/14/25 09:40	10/14/25 13:17	20
Xylenes, Total	**13.4**		0.0798	mg/Kg		10/14/25 09:40	10/14/25 13:17	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*485*	*S1+*	*70 - 130*	*10/13/25 11:12*	*10/13/25 13:50*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*10/13/25 11:12*	*10/13/25 13:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**13.9**		0.0798	mg/Kg			10/14/25 13:17	1

Client Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

Client Sample ID: SS10

Lab Sample ID: 890-8953-3
Matrix: Solid
Date Collected: 10/10/25 09:40
Date Received: 10/10/25 15:19
Sample Depth: SURFACE

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	15200		498		mg/Kg			10/14/25 00:33	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	742		498		mg/Kg		10/13/25 08:45	10/14/25 00:33	10
Diesel Range Organics (Over C10-C28)	13200		498		mg/Kg		10/13/25 08:45	10/14/25 00:33	10
Oil Range Organics (Over C28-C36)	1230		498		mg/Kg		10/13/25 08:45	10/14/25 00:33	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*10/13/25 08:45*	*10/14/25 00:33*	*10*
o-Terphenyl	*370*	*S1+*	*70 - 130*	*10/13/25 08:45*	*10/14/25 00:33*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27300		503		mg/Kg			10/13/25 19:45	50

Client Sample ID: SS11

Lab Sample ID: 890-8953-4
Matrix: Solid
Date Collected: 10/10/25 09:41
Date Received: 10/10/25 15:19
Sample Depth: SURFACE

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:12	10/13/25 14:10	1
Toluene	0.00994		0.00201		mg/Kg		10/13/25 11:12	10/13/25 14:10	1
Ethylbenzene	0.00288		0.00201		mg/Kg		10/13/25 11:12	10/13/25 14:10	1
m-Xylene & p-Xylene	0.137		0.00402		mg/Kg		10/13/25 11:12	10/13/25 14:10	1
o-Xylene	0.0474		0.00201		mg/Kg		10/13/25 11:12	10/13/25 14:10	1
Xylenes, Total	0.184		0.00402		mg/Kg		10/13/25 11:12	10/13/25 14:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*146*	*S1+*	*70 - 130*	*10/13/25 11:12*	*10/13/25 14:10*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/13/25 11:12*	*10/13/25 14:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.197		0.00402		mg/Kg			10/13/25 14:10	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	11300		250		mg/Kg			10/14/25 00:48	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<250	U	250		mg/Kg		10/13/25 08:45	10/14/25 00:48	5
Diesel Range Organics (Over C10-C28)	9680		250		mg/Kg		10/13/25 08:45	10/14/25 00:48	5

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

Client Sample ID: SS11

Lab Sample ID: 890-8953-4
Matrix: Solid
Date Collected: 10/10/25 09:41
Date Received: 10/10/25 15:19
Sample Depth: SURFACE

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	1570		250		mg/Kg		10/13/25 08:45	10/14/25 00:48	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*10/13/25 08:45*	*10/14/25 00:48*	*5*
o-Terphenyl	*357*	*S1+*	*70 - 130*	*10/13/25 08:45*	*10/14/25 00:48*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35900		497		mg/Kg			10/13/25 19:50	50

Client Sample ID: PH03

Lab Sample ID: 890-8953-5
Matrix: Solid
Date Collected: 10/10/25 10:14
Date Received: 10/10/25 15:19
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:12	10/13/25 14:31	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:12	10/13/25 14:31	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:12	10/13/25 14:31	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/13/25 11:12	10/13/25 14:31	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:12	10/13/25 14:31	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/13/25 11:12	10/13/25 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*10/13/25 11:12*	*10/13/25 14:31*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*10/13/25 11:12*	*10/13/25 14:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/13/25 14:31	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/14/25 03:34	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/13/25 09:10	10/14/25 03:34	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/13/25 09:10	10/14/25 03:34	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/13/25 09:10	10/14/25 03:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*10/13/25 09:10*	*10/14/25 03:34*	*1*
o-Terphenyl	*98*		*70 - 130*	*10/13/25 09:10*	*10/14/25 03:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8840		99.4		mg/Kg			10/14/25 10:57	10

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Client Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

Client Sample ID: PH03A

Lab Sample ID: 890-8953-6
Matrix: Solid
Date Collected: 10/10/25 10:54
Date Received: 10/10/25 15:19
Sample Depth: 4

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/13/25 11:12	10/13/25 14:51	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/13/25 11:12	10/13/25 14:51	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/13/25 11:12	10/13/25 14:51	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/13/25 11:12	10/13/25 14:51	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/13/25 11:12	10/13/25 14:51	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/13/25 11:12	10/13/25 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*10/13/25 11:12*	*10/13/25 14:51*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/13/25 11:12*	*10/13/25 14:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/13/25 14:51	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/14/25 03:48	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/13/25 09:10	10/14/25 03:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/13/25 09:10	10/14/25 03:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/13/25 09:10	10/14/25 03:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*10/13/25 09:10*	*10/14/25 03:48*	*1*
o-Terphenyl	*101*		*70 - 130*	*10/13/25 09:10*	*10/14/25 03:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2820**		49.9		mg/Kg			10/14/25 11:02	5

Client Sample ID: PH02

Lab Sample ID: 890-8953-7
Matrix: Solid
Date Collected: 10/10/25 10:40
Date Received: 10/10/25 15:19
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**2.74**		0.0497		mg/Kg		10/13/25 11:12	10/13/25 16:34	25
Toluene	**24.2**		0.504		mg/Kg		10/14/25 09:40	10/14/25 14:29	250
Ethylbenzene	**7.83**		0.0497		mg/Kg		10/13/25 11:12	10/13/25 16:34	25
m-Xylene & p-Xylene	**73.8**		1.01		mg/Kg		10/14/25 09:40	10/14/25 14:29	250
o-Xylene	**16.6**		0.504		mg/Kg		10/14/25 09:40	10/14/25 14:29	250
Xylenes, Total	**90.4**		1.01		mg/Kg		10/14/25 09:40	10/14/25 14:29	250

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*138*	*S1+*	*70 - 130*	*10/13/25 11:12*	*10/13/25 16:34*	*25*

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Client Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

Client Sample ID: PH02

Date Collected: 10/10/25 10:40
Date Received: 10/10/25 15:19
Sample Depth: 0.5

Lab Sample ID: 890-8953-7

Matrix: Solid

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*10/13/25 11:12*	*10/13/25 16:34*	*25*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**125**		1.01		mg/Kg			10/14/25 14:29	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**14700**		250		mg/Kg			10/14/25 04:04	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	**4160**		250		mg/Kg		10/13/25 09:10	10/14/25 04:04	5
Diesel Range Organics (Over C10-C28)	**9810**		250		mg/Kg		10/13/25 09:10	10/14/25 04:04	5
Oil Range Organics (Over C28-C36)	**734**		250		mg/Kg		10/13/25 09:10	10/14/25 04:04	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*190*	*S1+*	*70 - 130*	*10/13/25 09:10*	*10/14/25 04:04*	*5*
o-Terphenyl	*165*	*S1+*	*70 - 130*	*10/13/25 09:10*	*10/14/25 04:04*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7800**		99.6		mg/Kg			10/14/25 11:08	10

Client Sample ID: PH02A

Date Collected: 10/10/25 11:08
Date Received: 10/10/25 15:19
Sample Depth: 4

Lab Sample ID: 890-8953-8

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:12	10/13/25 15:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:12	10/13/25 15:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:12	10/13/25 15:12	1
m-Xylene & p-Xylene	**0.00491**		0.00402		mg/Kg		10/13/25 11:12	10/13/25 15:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:12	10/13/25 15:12	1
Xylenes, Total	**0.00491**		0.00402		mg/Kg		10/13/25 11:12	10/13/25 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*10/13/25 11:12*	*10/13/25 15:12*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/13/25 11:12*	*10/13/25 15:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00491**		0.00402		mg/Kg			10/13/25 15:12	1

Client Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

Client Sample ID: PH02A

Lab Sample ID: 890-8953-8
Matrix: Solid
Date Collected: 10/10/25 11:08
Date Received: 10/10/25 15:19
Sample Depth: 4

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**229**		49.9		mg/Kg			10/14/25 04:18	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	**71.0**		49.9		mg/Kg		10/13/25 09:10	10/14/25 04:18	1
Diesel Range Organics (Over C10-C28)	**158**		49.9		mg/Kg		10/13/25 09:10	10/14/25 04:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/13/25 09:10	10/14/25 04:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*10/13/25 09:10*	*10/14/25 04:18*	*1*
o-Terphenyl	*107*		*70 - 130*	*10/13/25 09:10*	*10/14/25 04:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**511**		10.0		mg/Kg			10/14/25 11:13	1

Client Sample ID: PH01

Lab Sample ID: 890-8953-9
Matrix: Solid
Date Collected: 10/10/25 11:15
Date Received: 10/10/25 15:19
Sample Depth: 2

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:12	10/13/25 15:32	1
Toluene	**0.0167**		0.00201		mg/Kg		10/13/25 11:12	10/13/25 15:32	1
Ethylbenzene	**0.0125**		0.00201		mg/Kg		10/13/25 11:12	10/13/25 15:32	1
m-Xylene & p-Xylene	**0.281**		0.00402		mg/Kg		10/13/25 11:12	10/13/25 15:32	1
o-Xylene	**0.0977**		0.00201		mg/Kg		10/13/25 11:12	10/13/25 15:32	1
Xylenes, Total	**0.379**		0.00402		mg/Kg		10/13/25 11:12	10/13/25 15:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*158*	*S1+*	*70 - 130*	*10/13/25 11:12*	*10/13/25 15:32*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*10/13/25 11:12*	*10/13/25 15:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.408**		0.00402		mg/Kg			10/13/25 15:32	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**467**		50.0		mg/Kg			10/14/25 04:33	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	**58.6**		50.0		mg/Kg		10/13/25 09:10	10/14/25 04:33	1
Diesel Range Organics (Over C10-C28)	**408**		50.0		mg/Kg		10/13/25 09:10	10/14/25 04:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/13/25 09:10	10/14/25 04:33	1

Client Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

Client Sample ID: PH01

Lab Sample ID: 890-8953-9
Matrix: Solid
Date Collected: 10/10/25 11:15
Date Received: 10/10/25 15:19
Sample Depth: 2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*10/13/25 09:10*	*10/14/25 04:33*	*1*
o-Terphenyl	*98*		*70 - 130*	*10/13/25 09:10*	*10/14/25 04:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2090**		50.4	mg/Kg			10/14/25 11:18	5

Client Sample ID: PH01A

Lab Sample ID: 890-8953-10
Matrix: Solid
Date Collected: 10/10/25 11:28
Date Received: 10/10/25 15:19
Sample Depth: 4

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		10/13/25 11:12	10/13/25 15:53	1
Toluene	<0.00202	U	0.00202	mg/Kg		10/13/25 11:12	10/13/25 15:53	1
Ethylbenzene	**0.00216**		0.00202	mg/Kg		10/13/25 11:12	10/13/25 15:53	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		10/13/25 11:12	10/13/25 15:53	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		10/13/25 11:12	10/13/25 15:53	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		10/13/25 11:12	10/13/25 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*10/13/25 11:12*	*10/13/25 15:53*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/13/25 11:12*	*10/13/25 15:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			10/13/25 15:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			10/14/25 04:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		10/13/25 09:10	10/14/25 04:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/13/25 09:10	10/14/25 04:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/13/25 09:10	10/14/25 04:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*10/13/25 09:10*	*10/14/25 04:48*	*1*
o-Terphenyl	*87*		*70 - 130*	*10/13/25 09:10*	*10/14/25 04:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**127**		10.1	mg/Kg			10/14/25 11:23	1

Surrogate Summary

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)										
880-63785-A-4-A MS	Matrix Spike	107	102										
880-63785-A-4-B MSD	Matrix Spike Duplicate	84	111										
890-8953-1	PH04	267 S1+	99										
890-8953-2	PH04A	104	100										
890-8953-2 MS	PH04A	100	104										
890-8953-2 MSD	PH04A	104	105										
890-8953-3	SS10	485 S1+	113										
890-8953-4	SS11	146 S1+	101										
890-8953-5	PH03	107	98										
890-8953-6	PH03A	110	100										
890-8953-7	PH02	138 S1+	113										
890-8953-8	PH02A	105	99										
890-8953-9	PH01	158 S1+	95										
890-8953-10	PH01A	107	100										
LCS 880-121054/1-A	Lab Control Sample	106	106										
LCS 880-121121/1-A	Lab Control Sample	106	104										
LCSD 880-121054/2-A	Lab Control Sample Dup	99	105										
LCSD 880-121121/2-A	Lab Control Sample Dup	105	105										
MB 880-121054/5-A	Method Blank	99	92										
MB 880-121121/5-A	Method Blank	98	98										

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)										
890-8949-A-1-E MS	Matrix Spike	95	92										
890-8949-A-1-F MSD	Matrix Spike Duplicate	95	87										
890-8952-A-1-B MS	Matrix Spike	84	93										
890-8952-A-1-C MSD	Matrix Spike Duplicate	101	94										
890-8953-1	PH04	131 S1+	153 S1+										
890-8953-2	PH04A	91	97										
890-8953-3	SS10	112	370 S1+										
890-8953-4	SS11	98	357 S1+										
890-8953-5	PH03	96	98										
890-8953-6	PH03A	99	101										
890-8953-7	PH02	190 S1+	165 S1+										
890-8953-8	PH02A	102	107										
890-8953-9	PH01	90	98										
890-8953-10	PH01A	85	87										
LCS 880-121033/2-A	Lab Control Sample	79	89										
LCS 880-121038/2-A	Lab Control Sample	97	89										
LCSD 880-121033/3-A	Lab Control Sample Dup	96	90										
LCSD 880-121038/3-A	Lab Control Sample Dup	80	89										
MB 880-121033/1-A	Method Blank	75	75										

Surrogate Summary

Client: Ensolum
Job ID: 890-8953-1
Project/Site: MUY WAYNO 18 BATTERY
SDG: 03C1558746

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
MB 880-121038/1-A	Method Blank	75	76								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-121054/5-A
Matrix: Solid
Analysis Batch: 121036

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121054

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:12	10/13/25 13:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:12	10/13/25 13:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:12	10/13/25 13:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/13/25 11:12	10/13/25 13:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:12	10/13/25 13:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/13/25 11:12	10/13/25 13:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*10/13/25 11:12*	*10/13/25 13:08*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*10/13/25 11:12*	*10/13/25 13:08*	*1*

Lab Sample ID: LCS 880-121054/1-A
Matrix: Solid
Analysis Batch: 121036

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121054

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1195		mg/Kg		120	70 - 130		
Toluene			0.100	0.1068		mg/Kg		107	70 - 130		
Ethylbenzene			0.100	0.1095		mg/Kg		110	70 - 130		
m-Xylene & p-Xylene			0.200	0.2253		mg/Kg		113	70 - 130		
o-Xylene			0.100	0.1097		mg/Kg		110	70 - 130		

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

Lab Sample ID: LCSD 880-121054/2-A
Matrix: Solid
Analysis Batch: 121036

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121054

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1133		mg/Kg		113	70 - 130	5	35
Toluene			0.100	0.1015		mg/Kg		101	70 - 130	5	35
Ethylbenzene			0.100	0.1021		mg/Kg		102	70 - 130	7	35
m-Xylene & p-Xylene			0.200	0.2103		mg/Kg		105	70 - 130	7	35
o-Xylene			0.100	0.1028		mg/Kg		103	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: 890-8953-2 MS
Matrix: Solid
Analysis Batch: 121036

Client Sample ID: PH04A
Prep Type: Total/NA
Prep Batch: 121054

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.100	0.1114		mg/Kg		111	70 - 130		
Toluene	<0.00201	U	0.100	0.09945		mg/Kg		99	70 - 130		

QC Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

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

Lab Sample ID: 890-8953-2 MS — **Client Sample ID: PH04A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121036 — **Prep Batch: 121054**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.100	0.1004		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2062		mg/Kg		103	70 - 130
o-Xylene	<0.00201	U	0.100	0.09963		mg/Kg		100	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 890-8953-2 MSD — **Client Sample ID: PH04A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121036 — **Prep Batch: 121054**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.1139		mg/Kg		114	70 - 130	2	35
Toluene	<0.00201	U	0.100	0.1020		mg/Kg		102	70 - 130	3	35
Ethylbenzene	<0.00201	U	0.100	0.1024		mg/Kg		102	70 - 130	2	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2113		mg/Kg		106	70 - 130	2	35
o-Xylene	<0.00201	U	0.100	0.1024		mg/Kg		102	70 - 130	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: MB 880-121121/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121113 — **Prep Batch: 121121**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		10/14/25 09:40	10/14/25 11:53	1
Toluene	<0.00200	U	0.00200	mg/Kg		10/14/25 09:40	10/14/25 11:53	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		10/14/25 09:40	10/14/25 11:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		10/14/25 09:40	10/14/25 11:53	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		10/14/25 09:40	10/14/25 11:53	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		10/14/25 09:40	10/14/25 11:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*10/14/25 09:40*	*10/14/25 11:53*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*10/14/25 09:40*	*10/14/25 11:53*	*1*

Lab Sample ID: LCS 880-121121/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121113 — **Prep Batch: 121121**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1067		mg/Kg		107	70 - 130
Toluene	0.100	0.08478		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.08637		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	0.200	0.1771		mg/Kg		89	70 - 130

QC Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

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

Lab Sample ID: LCS 880-121121/1-A
Matrix: Solid
Analysis Batch: 121113

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121121

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.09192		mg/Kg		92	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-121121/2-A
Matrix: Solid
Analysis Batch: 121113

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121121

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1284		mg/Kg		128	70 - 130	18	35
Toluene			0.100	0.1007		mg/Kg		101	70 - 130	17	35
Ethylbenzene			0.100	0.1027		mg/Kg		103	70 - 130	17	35
m-Xylene & p-Xylene			0.200	0.2108		mg/Kg		105	70 - 130	17	35
o-Xylene			0.100	0.1043		mg/Kg		104	70 - 130	13	35

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

Lab Sample ID: 880-63785-A-4-A MS
Matrix: Solid
Analysis Batch: 121113

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 121121

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.1164		mg/Kg		116	70 - 130		
Toluene	<0.00200	U	0.100	0.09411		mg/Kg		94	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.09550		mg/Kg		95	70 - 130		
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1943		mg/Kg		97	70 - 130		
o-Xylene	<0.00200	U	0.100	0.09734		mg/Kg		97	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 880-63785-A-4-B MSD
Matrix: Solid
Analysis Batch: 121113

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 121121

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1275		mg/Kg		128	70 - 130	9	35
Toluene	<0.00200	U	0.100	0.09392		mg/Kg		94	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.100	0.08966		mg/Kg		90	70 - 130	6	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1698		mg/Kg		85	70 - 130	13	35
o-Xylene	<0.00200	U	0.100	0.08387		mg/Kg		84	70 - 130	15	35

QC Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

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

Lab Sample ID: 880-63785-A-4-B MSD
Matrix: Solid
Analysis Batch: 121113

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 121121

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

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

Lab Sample ID: MB 880-121033/1-A
Matrix: Solid
Analysis Batch: 121109

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121033

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/13/25 08:44	10/13/25 15:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:44	10/13/25 15:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/13/25 08:44	10/13/25 15:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*75*		*70 - 130*	*10/13/25 08:44*	*10/13/25 15:28*	*1*
o-Terphenyl	*75*		*70 - 130*	*10/13/25 08:44*	*10/13/25 15:28*	*1*

Lab Sample ID: LCS 880-121033/2-A
Matrix: Solid
Analysis Batch: 121109

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121033

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	889.2		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	896.2		mg/Kg		90	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	*79*		*70 - 130*
o-Terphenyl	*89*		*70 - 130*

Lab Sample ID: LCSD 880-121033/3-A
Matrix: Solid
Analysis Batch: 121109

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121033

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	885.4		mg/Kg		89	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	837.7		mg/Kg		84	70 - 130	7	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	*96*		*70 - 130*
o-Terphenyl	*90*		*70 - 130*

QC Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

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

Lab Sample ID: 890-8949-A-1-E MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121109 — **Prep Batch: 121033**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	815.2		mg/Kg		80	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	998	893.3		mg/Kg		90	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*95*		*70 - 130*
o-Terphenyl	*92*		*70 - 130*

Lab Sample ID: 890-8949-A-1-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121109 — **Prep Batch: 121033**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	810.4		mg/Kg		80	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	814.2		mg/Kg		82	70 - 130	9	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*95*		*70 - 130*
o-Terphenyl	*87*		*70 - 130*

Lab Sample ID: MB 880-121038/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121109 — **Prep Batch: 121038**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		10/13/25 09:09	10/14/25 01:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/13/25 09:09	10/14/25 01:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/13/25 09:09	10/14/25 01:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*75*		*70 - 130*	*10/13/25 09:09*	*10/14/25 01:48*	*1*
o-Terphenyl	*76*		*70 - 130*	*10/13/25 09:09*	*10/14/25 01:48*	*1*

Lab Sample ID: LCS 880-121038/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121109 — **Prep Batch: 121038**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	871.9		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	1000	821.4		mg/Kg		82	70 - 130

QC Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

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

Lab Sample ID: LCS 880-121038/2-A
Matrix: Solid
Analysis Batch: 121109

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121038

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	97		70 - 130
o-Terphenyl	89		70 - 130

Lab Sample ID: LCSD 880-121038/3-A
Matrix: Solid
Analysis Batch: 121109

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121038

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	852.9		mg/Kg		85	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	876.0		mg/Kg		88	70 - 130	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	89		70 - 130

Lab Sample ID: 890-8952-A-1-B MS
Matrix: Solid
Analysis Batch: 121109

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 121038

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	816.9		mg/Kg		80	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	999	856.9		mg/Kg		86	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: 890-8952-A-1-C MSD
Matrix: Solid
Analysis Batch: 121109

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 121038

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	831.6		mg/Kg		82	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	807.8		mg/Kg		81	70 - 130	6	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	94		70 - 130

QC Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-121023/1-A
Matrix: Solid
Analysis Batch: 121080

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/13/25 17:13	1

Lab Sample ID: LCS 880-121023/2-A
Matrix: Solid
Analysis Batch: 121080

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	252.7		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-121023/3-A
Matrix: Solid
Analysis Batch: 121080

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	253.7		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 890-8949-A-1-B MS
Matrix: Solid
Analysis Batch: 121080

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	971		1240	2168		mg/Kg		96	90 - 110		

Lab Sample ID: 890-8949-A-1-C MSD
Matrix: Solid
Analysis Batch: 121080

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	971		1240	2170		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 890-8951-A-1-B MS
Matrix: Solid
Analysis Batch: 121080

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	174		249	427.8		mg/Kg		102	90 - 110		

Lab Sample ID: 890-8951-A-1-C MSD
Matrix: Solid
Analysis Batch: 121080

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	174		249	428.5		mg/Kg		102	90 - 110	0	20

Lab Sample ID: MB 880-121107/1-A
Matrix: Solid
Analysis Batch: 121117

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/14/25 08:46	1

QC Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-121107/2-A
Matrix: Solid
Analysis Batch: 121117

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	251.1		mg/Kg		100	90 - 110		

Lab Sample ID: LCSD 880-121107/3-A
Matrix: Solid
Analysis Batch: 121117

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	252.9		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 880-63776-A-3-E MS
Matrix: Solid
Analysis Batch: 121117

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	213		251	443.6		mg/Kg		92	90 - 110		

Lab Sample ID: 880-63776-A-3-F MSD
Matrix: Solid
Analysis Batch: 121117

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	213		251	443.5		mg/Kg		92	90 - 110	0	20

QC Association Summary

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

GC VOA

Analysis Batch: 121036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8953-1	PH04	Total/NA	Solid	8021B	121054
890-8953-2	PH04A	Total/NA	Solid	8021B	121054
890-8953-3	SS10	Total/NA	Solid	8021B	121054
890-8953-4	SS11	Total/NA	Solid	8021B	121054
890-8953-5	PH03	Total/NA	Solid	8021B	121054
890-8953-6	PH03A	Total/NA	Solid	8021B	121054
890-8953-7	PH02	Total/NA	Solid	8021B	121054
890-8953-8	PH02A	Total/NA	Solid	8021B	121054
890-8953-9	PH01	Total/NA	Solid	8021B	121054
890-8953-10	PH01A	Total/NA	Solid	8021B	121054
MB 880-121054/5-A	Method Blank	Total/NA	Solid	8021B	121054
LCS 880-121054/1-A	Lab Control Sample	Total/NA	Solid	8021B	121054
LCSD 880-121054/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121054
890-8953-2 MS	PH04A	Total/NA	Solid	8021B	121054
890-8953-2 MSD	PH04A	Total/NA	Solid	8021B	121054

Prep Batch: 121054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8953-1	PH04	Total/NA	Solid	5035	
890-8953-2	PH04A	Total/NA	Solid	5035	
890-8953-3	SS10	Total/NA	Solid	5035	
890-8953-4	SS11	Total/NA	Solid	5035	
890-8953-5	PH03	Total/NA	Solid	5035	
890-8953-6	PH03A	Total/NA	Solid	5035	
890-8953-7	PH02	Total/NA	Solid	5035	
890-8953-8	PH02A	Total/NA	Solid	5035	
890-8953-9	PH01	Total/NA	Solid	5035	
890-8953-10	PH01A	Total/NA	Solid	5035	
MB 880-121054/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-121054/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121054/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8953-2 MS	PH04A	Total/NA	Solid	5035	
890-8953-2 MSD	PH04A	Total/NA	Solid	5035	

Analysis Batch: 121113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8953-1	PH04	Total/NA	Solid	8021B	121121
890-8953-3	SS10	Total/NA	Solid	8021B	121121
890-8953-7	PH02	Total/NA	Solid	8021B	121121
MB 880-121121/5-A	Method Blank	Total/NA	Solid	8021B	121121
LCS 880-121121/1-A	Lab Control Sample	Total/NA	Solid	8021B	121121
LCSD 880-121121/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121121
880-63785-A-4-A MS	Matrix Spike	Total/NA	Solid	8021B	121121
880-63785-A-4-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	121121

Prep Batch: 121121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8953-1	PH04	Total/NA	Solid	5035	
890-8953-3	SS10	Total/NA	Solid	5035	
890-8953-7	PH02	Total/NA	Solid	5035	
MB 880-121121/5-A	Method Blank	Total/NA	Solid	5035	

QC Association Summary

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

GC VOA (Continued)

Prep Batch: 121121 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-121121/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121121/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-63785-A-4-A MS	Matrix Spike	Total/NA	Solid	5035	
880-63785-A-4-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 121180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8953-1	PH04	Total/NA	Solid	Total BTEX	
890-8953-2	PH04A	Total/NA	Solid	Total BTEX	
890-8953-3	SS10	Total/NA	Solid	Total BTEX	
890-8953-4	SS11	Total/NA	Solid	Total BTEX	
890-8953-5	PH03	Total/NA	Solid	Total BTEX	
890-8953-6	PH03A	Total/NA	Solid	Total BTEX	
890-8953-7	PH02	Total/NA	Solid	Total BTEX	
890-8953-8	PH02A	Total/NA	Solid	Total BTEX	
890-8953-9	PH01	Total/NA	Solid	Total BTEX	
890-8953-10	PH01A	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 121033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8953-1	PH04	Total/NA	Solid	8015NM Prep	
890-8953-2	PH04A	Total/NA	Solid	8015NM Prep	
890-8953-3	SS10	Total/NA	Solid	8015NM Prep	
890-8953-4	SS11	Total/NA	Solid	8015NM Prep	
MB 880-121033/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121033/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-121033/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8949-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8949-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 121038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8953-5	PH03	Total/NA	Solid	8015NM Prep	
890-8953-6	PH03A	Total/NA	Solid	8015NM Prep	
890-8953-7	PH02	Total/NA	Solid	8015NM Prep	
890-8953-8	PH02A	Total/NA	Solid	8015NM Prep	
890-8953-9	PH01	Total/NA	Solid	8015NM Prep	
890-8953-10	PH01A	Total/NA	Solid	8015NM Prep	
MB 880-121038/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121038/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-121038/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8952-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8952-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 121109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8953-1	PH04	Total/NA	Solid	8015B NM	121033
890-8953-2	PH04A	Total/NA	Solid	8015B NM	121033
890-8953-3	SS10	Total/NA	Solid	8015B NM	121033

QC Association Summary

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

GC Semi VOA (Continued)

Analysis Batch: 121109 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8953-4	SS11	Total/NA	Solid	8015B NM	121033
890-8953-5	PH03	Total/NA	Solid	8015B NM	121038
890-8953-6	PH03A	Total/NA	Solid	8015B NM	121038
890-8953-7	PH02	Total/NA	Solid	8015B NM	121038
890-8953-8	PH02A	Total/NA	Solid	8015B NM	121038
890-8953-9	PH01	Total/NA	Solid	8015B NM	121038
890-8953-10	PH01A	Total/NA	Solid	8015B NM	121038
MB 880-121033/1-A	Method Blank	Total/NA	Solid	8015B NM	121033
MB 880-121038/1-A	Method Blank	Total/NA	Solid	8015B NM	121038
LCS 880-121033/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121033
LCS 880-121038/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121038
LCSD 880-121033/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121033
LCSD 880-121038/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121038
890-8949-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	121033
890-8949-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	121033
890-8952-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	121038
890-8952-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	121038

Analysis Batch: 121158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8953-1	PH04	Total/NA	Solid	8015 NM	
890-8953-2	PH04A	Total/NA	Solid	8015 NM	
890-8953-3	SS10	Total/NA	Solid	8015 NM	
890-8953-4	SS11	Total/NA	Solid	8015 NM	
890-8953-5	PH03	Total/NA	Solid	8015 NM	
890-8953-6	PH03A	Total/NA	Solid	8015 NM	
890-8953-7	PH02	Total/NA	Solid	8015 NM	
890-8953-8	PH02A	Total/NA	Solid	8015 NM	
890-8953-9	PH01	Total/NA	Solid	8015 NM	
890-8953-10	PH01A	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 121023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8953-1	PH04	Soluble	Solid	DI Leach	
890-8953-2	PH04A	Soluble	Solid	DI Leach	
890-8953-3	SS10	Soluble	Solid	DI Leach	
890-8953-4	SS11	Soluble	Solid	DI Leach	
MB 880-121023/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-121023/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-121023/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8949-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-8949-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
890-8951-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-8951-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 121080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8953-1	PH04	Soluble	Solid	300.0	121023
890-8953-2	PH04A	Soluble	Solid	300.0	121023

QC Association Summary

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

HPLC/IC (Continued)

Analysis Batch: 121080 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8953-3	SS10	Soluble	Solid	300.0	121023
890-8953-4	SS11	Soluble	Solid	300.0	121023
MB 880-121023/1-A	Method Blank	Soluble	Solid	300.0	121023
LCS 880-121023/2-A	Lab Control Sample	Soluble	Solid	300.0	121023
LCSD 880-121023/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	121023
890-8949-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	121023
890-8949-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	121023
890-8951-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	121023
890-8951-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	121023

Leach Batch: 121107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8953-5	PH03	Soluble	Solid	DI Leach	
890-8953-6	PH03A	Soluble	Solid	DI Leach	
890-8953-7	PH02	Soluble	Solid	DI Leach	
890-8953-8	PH02A	Soluble	Solid	DI Leach	
890-8953-9	PH01	Soluble	Solid	DI Leach	
890-8953-10	PH01A	Soluble	Solid	DI Leach	
MB 880-121107/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-121107/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-121107/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-63776-A-3-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-63776-A-3-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 121117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8953-5	PH03	Soluble	Solid	300.0	121107
890-8953-6	PH03A	Soluble	Solid	300.0	121107
890-8953-7	PH02	Soluble	Solid	300.0	121107
890-8953-8	PH02A	Soluble	Solid	300.0	121107
890-8953-9	PH01	Soluble	Solid	300.0	121107
890-8953-10	PH01A	Soluble	Solid	300.0	121107
MB 880-121107/1-A	Method Blank	Soluble	Solid	300.0	121107
LCS 880-121107/2-A	Lab Control Sample	Soluble	Solid	300.0	121107
LCSD 880-121107/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	121107
880-63776-A-3-E MS	Matrix Spike	Soluble	Solid	300.0	121107
880-63776-A-3-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	121107

Lab Chronicle

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

Client Sample ID: PH04

Date Collected: 10/10/25 09:32
Date Received: 10/10/25 15:19

Lab Sample ID: 890-8953-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	121054	10/13/25 11:12	AA	EET MID
Total/NA	Analysis	8021B		25	5 mL	5 mL	121036	10/13/25 16:13	MNR	EET MID
Total/NA	Prep	5035			4.97 g	5 mL	121121	10/14/25 09:40	MNR	EET MID
Total/NA	Analysis	8021B		250	5 mL	5 mL	121113	10/14/25 13:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121180	10/14/25 13:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			121158	10/14/25 00:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121033	10/13/25 08:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121109	10/14/25 00:03	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121023	10/13/25 08:08	SA	EET MID
Soluble	Analysis	300.0		5			121080	10/13/25 19:35	CS	EET MID

Client Sample ID: PH04A

Date Collected: 10/10/25 10:08
Date Received: 10/10/25 15:19

Lab Sample ID: 890-8953-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	121054	10/13/25 11:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121036	10/13/25 13:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121180	10/13/25 13:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			121158	10/14/25 00:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121033	10/13/25 08:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121109	10/14/25 00:18	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121023	10/13/25 08:08	SA	EET MID
Soluble	Analysis	300.0		5			121080	10/13/25 19:40	CS	EET MID

Client Sample ID: SS10

Date Collected: 10/10/25 09:40
Date Received: 10/10/25 15:19

Lab Sample ID: 890-8953-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	121054	10/13/25 11:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121036	10/13/25 13:50	MNR	EET MID
Total/NA	Prep	5035			5.01 g	5 mL	121121	10/14/25 09:40	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	121113	10/14/25 13:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121180	10/14/25 13:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			121158	10/14/25 00:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121033	10/13/25 08:45	EL	EET MID
Total/NA	Analysis	8015B NM		10	1 uL	1 uL	121109	10/14/25 00:33	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	121023	10/13/25 08:08	SA	EET MID
Soluble	Analysis	300.0		50			121080	10/13/25 19:45	CS	EET MID

Lab Chronicle

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

Client Sample ID: SS11

Lab Sample ID: 890-8953-4
Matrix: Solid
Date Collected: 10/10/25 09:41
Date Received: 10/10/25 15:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	121054	10/13/25 11:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121036	10/13/25 14:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121180	10/13/25 14:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			121158	10/14/25 00:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121033	10/13/25 08:45	EL	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	121109	10/14/25 00:48	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121023	10/13/25 08:08	SA	EET MID
Soluble	Analysis	300.0		50			121080	10/13/25 19:50	CS	EET MID

Client Sample ID: PH03

Lab Sample ID: 890-8953-5
Matrix: Solid
Date Collected: 10/10/25 10:14
Date Received: 10/10/25 15:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	121054	10/13/25 11:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121036	10/13/25 14:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121180	10/13/25 14:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			121158	10/14/25 03:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121038	10/13/25 09:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121109	10/14/25 03:34	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121107	10/13/25 16:37	SA	EET MID
Soluble	Analysis	300.0		10			121117	10/14/25 10:57	CS	EET MID

Client Sample ID: PH03A

Lab Sample ID: 890-8953-6
Matrix: Solid
Date Collected: 10/10/25 10:54
Date Received: 10/10/25 15:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	121054	10/13/25 11:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121036	10/13/25 14:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121180	10/13/25 14:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			121158	10/14/25 03:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121038	10/13/25 09:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121109	10/14/25 03:48	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	121107	10/13/25 16:37	SA	EET MID
Soluble	Analysis	300.0		5			121117	10/14/25 11:02	CS	EET MID

Client Sample ID: PH02

Lab Sample ID: 890-8953-7
Matrix: Solid
Date Collected: 10/10/25 10:40
Date Received: 10/10/25 15:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	121054	10/13/25 11:12	AA	EET MID
Total/NA	Analysis	8021B		25	5 mL	5 mL	121036	10/13/25 16:34	MNR	EET MID

Lab Chronicle

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

Client Sample ID: PH02

Date Collected: 10/10/25 10:40
Date Received: 10/10/25 15:19

Lab Sample ID: 890-8953-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	121121	10/14/25 09:40	MNR	EET MID
Total/NA	Analysis	8021B		250	5 mL	5 mL	121113	10/14/25 14:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121180	10/14/25 14:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			121158	10/14/25 04:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121038	10/13/25 09:10	EL	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	121109	10/14/25 04:04	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121107	10/13/25 16:37	SA	EET MID
Soluble	Analysis	300.0		10			121117	10/14/25 11:08	CS	EET MID

Client Sample ID: PH02A

Date Collected: 10/10/25 11:08
Date Received: 10/10/25 15:19

Lab Sample ID: 890-8953-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	121054	10/13/25 11:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121036	10/13/25 15:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121180	10/13/25 15:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			121158	10/14/25 04:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121038	10/13/25 09:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121109	10/14/25 04:18	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	121107	10/13/25 16:37	SA	EET MID
Soluble	Analysis	300.0		1			121117	10/14/25 11:13	CS	EET MID

Client Sample ID: PH01

Date Collected: 10/10/25 11:15
Date Received: 10/10/25 15:19

Lab Sample ID: 890-8953-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	121054	10/13/25 11:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121036	10/13/25 15:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121180	10/13/25 15:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			121158	10/14/25 04:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121038	10/13/25 09:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121109	10/14/25 04:33	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	121107	10/13/25 16:37	SA	EET MID
Soluble	Analysis	300.0		5			121117	10/14/25 11:18	CS	EET MID

Client Sample ID: PH01A

Date Collected: 10/10/25 11:28
Date Received: 10/10/25 15:19

Lab Sample ID: 890-8953-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	121054	10/13/25 11:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121036	10/13/25 15:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121180	10/13/25 15:53	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

Client Sample ID: PH01A

Date Collected: 10/10/25 11:28
Date Received: 10/10/25 15:19

Lab Sample ID: 890-8953-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			121158	10/14/25 04:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121038	10/13/25 09:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121109	10/14/25 04:48	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	121107	10/13/25 16:37	SA	EET MID
Soluble	Analysis	300.0		1			121117	10/14/25 11:23	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

Laboratory: Eurofins Midland

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-8953-1
SDG: 03C1558746

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-8953-1	PH04	Solid	10/10/25 09:32	10/10/25 15:19	0.5
890-8953-2	PH04A	Solid	10/10/25 10:08	10/10/25 15:19	4
890-8953-3	SS10	Solid	10/10/25 09:40	10/10/25 15:19	SURFACE
890-8953-4	SS11	Solid	10/10/25 09:41	10/10/25 15:19	SURFACE
890-8953-5	PH03	Solid	10/10/25 10:14	10/10/25 15:19	0.5
890-8953-6	PH03A	Solid	10/10/25 10:54	10/10/25 15:19	4
890-8953-7	PH02	Solid	10/10/25 10:40	10/10/25 15:19	0.5
890-8953-8	PH02A	Solid	10/10/25 11:08	10/10/25 15:19	4
890-8953-9	PH01	Solid	10/10/25 11:15	10/10/25 15:19	2
890-8953-10	PH01A	Solid	10/10/25 11:28	10/10/25 15:19	4

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Chain of Custody

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

Work (

890-8953 Chain of Custody

www.xenco.

Project Manager:	Tracy Hillard	Bill to: (if different)	
Company Name:	Ensolum	Company Name:	XTO Energy, Inc
Address:	3122 National Parks Hwy	Address:	3104 E Greene St.
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbad, NM, 88220
Phone:	(575) 937-3906	Email:	THillard@ensolum.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Muy Wayno 18 Battery	Turn Around	
Project Number:	03C1558746	☐ Routine ☑ Rush 48h	Due Date: ~~10/10/25~~ 10/14/25
Project Location:	32.12709, -103.92620	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Trevor Wargo		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)	
Samples Received Intact:	(Yes) No	Thermometer ID:	TPW007	
~~Cooler Custody Seals:~~	Yes No (N/A)	Correction Factor:	-0.2	
~~Sample Custody Seals:~~	Yes No (N/A)	Temperature Reading:	6.4	
Total Containers:		Corrected Temperature:	6.2	

Preservative Codes

None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3: HN
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
~~$NaHSO_4$: NABIS~~
~~$Na_2S_2O_3$: $NaSO_3$~~
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: TPH 8015	BTEX 8021	Chloride 4500	Sample Comments
PH04	Soil	10/10/25	9:32	0.5	G	1					
PH04A			10:08	4							
SS10			9:40	Surface							
SS11			9:41	↓							
PH03				0.5							
PH03A				4							
PH02				0.5							
PH02A				4							
PH01				2							
PH01A	↓	↓	↓	4	↓	↓		↓	↓	↓	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Trevor Wargo		15:14 10/10	4		
3			6		
5					

Revised Date: 08/25/2020 Rev. 2020.2

Incident number: nAPP2526631061
Cost center: 1056671001
GFCM: 48605000

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-8953-1
SDG Number: 03C1558746

Login Number: 8953
List Number: 1
Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-8953-1
SDG Number: 03C1558746

Login Number: 8953
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 10/13/25 08:58 AM

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

CARDINAL Laboratories

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

December 03, 2025

TRACY HILLARD

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: MUY WAYNO 18 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/02/25 13:37.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/02/2025	Sampling Date:	12/01/2025
Reported:	12/03/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: FS 01 2 (H257493-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2025	ND	1.91	95.7	2.00	4.40	
Toluene*	<0.050	0.050	12/03/2025	ND	1.99	99.6	2.00	0.630	
Ethylbenzene*	<0.050	0.050	12/03/2025	ND	2.06	103	2.00	1.61	
Total Xylenes*	<0.150	0.150	12/03/2025	ND	6.40	107	6.00	1.59	
Total BTEX	<0.300	0.300	12/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1380**	16.0	12/03/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2025	ND	181	90.6	200	4.70	
DRO >C10-C28*	**68.3**	10.0	12/02/2025	ND	179	89.6	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	12/02/2025	ND					

Surrogate: 1-Chlorooctane *84.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *90.2 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/02/2025	Sampling Date:	12/01/2025
Reported:	12/03/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: FS 02 1 (H257493-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2025	ND	1.91	95.7	2.00	4.40	
Toluene*	<0.050	0.050	12/03/2025	ND	1.99	99.6	2.00	0.630	
Ethylbenzene*	<0.050	0.050	12/03/2025	ND	2.06	103	2.00	1.61	
Total Xylenes*	<0.150	0.150	12/03/2025	ND	6.40	107	6.00	1.59	
Total BTEX	<0.300	0.300	12/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4000**	16.0	12/03/2025	ND	432	108	400	0.00	QM-07

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2025	ND	181	90.6	200	4.70	
DRO >C10-C28*	**179**	10.0	12/02/2025	ND	179	89.6	200	3.93	
EXT DRO >C28-C36	**19.8**	10.0	12/02/2025	ND					

Surrogate: 1-Chlorooctane *86.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *96.7 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/02/2025	Sampling Date:	12/01/2025
Reported:	12/03/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: FS 03 1 (H257493-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2025	ND	1.91	95.7	2.00	4.40	
Toluene*	<0.050	0.050	12/03/2025	ND	1.99	99.6	2.00	0.630	
Ethylbenzene*	<0.050	0.050	12/03/2025	ND	2.06	103	2.00	1.61	
Total Xylenes*	<0.150	0.150	12/03/2025	ND	6.40	107	6.00	1.59	
Total BTEX	<0.300	0.300	12/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1920**	16.0	12/03/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2025	ND	181	90.6	200	4.70	
DRO >C10-C28*	**45.7**	10.0	12/02/2025	ND	179	89.6	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	12/02/2025	ND					

Surrogate: 1-Chlorooctane *87.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *92.2 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/02/2025	Sampling Date:	12/01/2025
Reported:	12/03/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: FS 04 1 (H257493-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2025	ND	1.91	95.7	2.00	4.40	
Toluene*	<0.050	0.050	12/03/2025	ND	1.99	99.6	2.00	0.630	
Ethylbenzene*	<0.050	0.050	12/03/2025	ND	2.06	103	2.00	1.61	GC-NC
Total Xylenes*	**0.260**	0.150	12/03/2025	ND	6.40	107	6.00	1.59	GC-NC1
Total BTEX	<0.300	0.300	12/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3800**	16.0	12/03/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**41.8**	10.0	12/02/2025	ND	181	90.6	200	4.70	
DRO >C10-C28*	**329**	10.0	12/02/2025	ND	179	89.6	200	3.93	
EXT DRO >C28-C36	**41.7**	10.0	12/02/2025	ND					

Surrogate: 1-Chlorooctane *95.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *109 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/02/2025	Sampling Date:	12/01/2025
Reported:	12/03/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: FS 05 1 (H257493-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2025	ND	1.91	95.7	2.00	4.40	
Toluene*	<0.050	0.050	12/02/2025	ND	1.99	99.6	2.00	0.630	
Ethylbenzene*	<0.050	0.050	12/02/2025	ND	2.06	103	2.00	1.61	
Total Xylenes*	<0.150	0.150	12/02/2025	ND	6.40	107	6.00	1.59	
Total BTEX	<0.300	0.300	12/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *119 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	12/03/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2025	ND	181	90.6	200	4.70	
DRO >C10-C28*	**54.5**	10.0	12/02/2025	ND	179	89.6	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	12/02/2025	ND					

Surrogate: 1-Chlorooctane *76.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.4 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/02/2025	Sampling Date:	12/01/2025
Reported:	12/03/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: FS 06 1 (H257493-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2025	ND	1.91	95.7	2.00	4.40	
Toluene*	<0.050	0.050	12/02/2025	ND	1.99	99.6	2.00	0.630	
Ethylbenzene*	<0.050	0.050	12/02/2025	ND	2.06	103	2.00	1.61	
Total Xylenes*	<0.150	0.150	12/02/2025	ND	6.40	107	6.00	1.59	
Total BTEX	<0.300	0.300	12/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *119 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3200**	16.0	12/03/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2025	ND	181	90.6	200	4.70	
DRO >C10-C28*	**135**	10.0	12/02/2025	ND	179	89.6	200	3.93	
EXT DRO >C28-C36	**16.4**	10.0	12/02/2025	ND					

Surrogate: 1-Chlorooctane *91.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *96.7 %* *39.9-141*

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Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/02/2025	Sampling Date:	12/01/2025
Reported:	12/03/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: FS 07 1 (H257493-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2025	ND	1.91	95.7	2.00	4.40	
Toluene*	<0.050	0.050	12/03/2025	ND	1.99	99.6	2.00	0.630	
Ethylbenzene*	<0.050	0.050	12/03/2025	ND	2.06	103	2.00	1.61	GC-NC
Total Xylenes*	**0.222**	0.150	12/03/2025	ND	6.40	107	6.00	1.59	GC-NC1
Total BTEX	<0.300	0.300	12/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1100**	16.0	12/03/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**35.6**	10.0	12/02/2025	ND	181	90.6	200	4.70	
DRO >C10-C28*	**549**	10.0	12/02/2025	ND	179	89.6	200	3.93	
EXT DRO >C28-C36	**62.3**	10.0	12/02/2025	ND					

Surrogate: 1-Chlorooctane *101 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *100 %* *39.9-141*

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Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/02/2025	Sampling Date:	12/01/2025
Reported:	12/03/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: FS 08 0.5 (H257493-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2025	ND	1.91	95.7	2.00	4.40	
Toluene*	<0.050	0.050	12/03/2025	ND	1.99	99.6	2.00	0.630	
Ethylbenzene*	<0.050	0.050	12/03/2025	ND	2.06	103	2.00	1.61	
Total Xylenes*	**0.210**	0.150	12/03/2025	ND	6.40	107	6.00	1.59	GC-NC1
Total BTEX	<0.300	0.300	12/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1010**	16.0	12/03/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**26.3**	10.0	12/02/2025	ND	181	90.6	200	4.70	
DRO >C10-C28*	**740**	10.0	12/02/2025	ND	179	89.6	200	3.93	
EXT DRO >C28-C36	**95.4**	10.0	12/02/2025	ND					

Surrogate: 1-Chlorooctane *91.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *96.7 %* *39.9-141*

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Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/02/2025	Sampling Date:	12/01/2025
Reported:	12/03/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: FS 09 0.5 (H257493-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2025	ND	1.91	95.7	2.00	4.40	
Toluene*	<0.050	0.050	12/03/2025	ND	1.99	99.6	2.00	0.630	
Ethylbenzene*	<0.050	0.050	12/03/2025	ND	2.06	103	2.00	1.61	
Total Xylenes*	<0.150	0.150	12/03/2025	ND	6.40	107	6.00	1.59	
Total BTEX	<0.300	0.300	12/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**608**	16.0	12/03/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**91.0**	10.0	12/02/2025	ND	181	90.6	200	4.70	
DRO >C10-C28*	**1810**	10.0	12/02/2025	ND	179	89.6	200	3.93	
EXT DRO >C28-C36	**210**	10.0	12/02/2025	ND					

Surrogate: 1-Chlorooctane *129 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *126 %* *39.9-141*

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 - 1

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

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Kelly Lowery	**P.O. #:**
Address: 601 N Marienfeld Street, Suite 400	**Company:** XTO Energy, Inc
City: Midland **State:** TX **Zip:** 79701	**Attn:** Dale Woodall
Phone #: (214) 733-3165 **Fax #:**	**Address:** 3014 E Greene St
Project #: 03C1558746 **Project Owner:** XTO Energy, Inc.	**City:** Carlsbad
Project Name: Muy Wayno 18 Battery - SPILLS	**State:** NM **Zip:** 88220
Project Location: 32.127200001,-103.92738	**Phone #:**
Sampler Name: Trevor Wargo	**Fax #:**

FOR LAB USE ONLY Lab I.D	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL ✓	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: TPH 8015	BTEX 8021	Chloride 4500
H257493														12/01/25	14:31			
1	FS01	2	C	1			✓					✓			11:22			
2	FS02	1													11:38			
3	FS03	↓													11:42			
4	FS04														11:44			
5	FS05														14:27			
6	FS06														14:24			
7	FS07	↓													13:25			
8	FS08	0.5													13:29	↓	↓	↓
9	FS09	↓	↓	↓			↓					↓		↓	↓			TPH

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

C/S OVERNIGHT

Relinquished By: Trevor Wargo	**Date:** 12.2.25 **Time:** 1337	**Received By:** Applicas	
Relinquished By:	**Date:** **Time:**	**Received By:**	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	**Observed Temp. °C** 0.5C **Corrected Temp. °C** 0.8	**Sample Condition** Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	**CHECKED BY:** (Initials) AT

Verbal Result: ☐ Yes ☐ No **Add'l Phone #:**

All Results are emailed. Please provide Email address: TWargo@ensolum.com
BBelill@ensolum.com, TMorrissey@ensolum.com, KLowery@ensolum.com
THillard@ensolum.com, KThomason@ensolum.com

REMARKS: Incident Number:nAPP2526631061
Cost Center:1056671001
GFCM: 48605000

Turnaround Time: Standard ☐ Rush ☑ 24h

Thermometer ID #113 TF140 **Correction Factor** -0.5°C +0.3

Bacteria (only) Sample Condition Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No **Observed Temp. °C** **Corrected Temp. °C**

FORM-006 R 3.2 10/07/21

CARDINAL Laboratories

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

December 08, 2025

KELLY LOWERY

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: MUY WAYNO 18 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/03/25 11:32.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
KELLY LOWERY
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/03/2025	Sampling Date:	12/02/2025
Reported:	12/08/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: FS 10 1' (H257518-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2025	ND	2.30	115	2.00	0.223	
Toluene*	<0.050	0.050	12/04/2025	ND	2.23	111	2.00	0.403	
Ethylbenzene*	<0.050	0.050	12/04/2025	ND	2.12	106	2.00	0.548	
Total Xylenes*	<0.150	0.150	12/04/2025	ND	6.47	108	6.00	0.311	
Total BTEX	<0.300	0.300	12/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.0 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**5600**	16.0	12/03/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2025	ND	194	97.1	200	2.28	
DRO >C10-C28*	**88.1**	10.0	12/04/2025	ND	214	107	200	1.82	
EXT DRO >C28-C36	<10.0	10.0	12/04/2025	ND					

Surrogate: 1-Chlorooctane *88.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *89.7 %* *39.9-141*

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Analytical Results For:

ENSOLUM, LLC
KELLY LOWERY
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/03/2025	Sampling Date:	12/02/2025
Reported:	12/08/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: FS 11 1' (H257518-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2025	ND	2.30	115	2.00	0.223	
Toluene*	<0.050	0.050	12/04/2025	ND	2.23	111	2.00	0.403	
Ethylbenzene*	<0.050	0.050	12/04/2025	ND	2.12	106	2.00	0.548	
Total Xylenes*	<0.150	0.150	12/04/2025	ND	6.47	108	6.00	0.311	
Total BTEX	<0.300	0.300	12/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *91.7 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4400**	16.0	12/03/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2025	ND	194	97.1	200	2.28	
DRO >C10-C28*	**94.2**	10.0	12/04/2025	ND	214	107	200	1.82	
EXT DRO >C28-C36	<10.0	10.0	12/04/2025	ND					

Surrogate: 1-Chlorooctane *87.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *89.3 %* *39.9-141*

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Analytical Results For:

ENSOLUM, LLC
KELLY LOWERY
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/03/2025	Sampling Date:	12/02/2025
Reported:	12/08/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: FS 12 1' (H257518-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2025	ND	2.30	115	2.00	0.223	
Toluene*	<0.050	0.050	12/04/2025	ND	2.23	111	2.00	0.403	
Ethylbenzene*	<0.050	0.050	12/04/2025	ND	2.12	106	2.00	0.548	
Total Xylenes*	<0.150	0.150	12/04/2025	ND	6.47	108	6.00	0.311	
Total BTEX	<0.300	0.300	12/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *92.0 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4160**	16.0	12/03/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2025	ND	194	97.1	200	2.28	
DRO >C10-C28*	**110**	10.0	12/04/2025	ND	214	107	200	1.82	
EXT DRO >C28-C36	**12.4**	10.0	12/04/2025	ND					

Surrogate: 1-Chlorooctane *92.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *95.1 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM, LLC
KELLY LOWERY
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/03/2025	Sampling Date:	12/02/2025
Reported:	12/08/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: FS 13 1' (H257518-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2025	ND	2.30	115	2.00	0.223	
Toluene*	<0.050	0.050	12/04/2025	ND	2.23	111	2.00	0.403	
Ethylbenzene*	<0.050	0.050	12/04/2025	ND	2.12	106	2.00	0.548	
Total Xylenes*	<0.150	0.150	12/04/2025	ND	6.47	108	6.00	0.311	
Total BTEX	<0.300	0.300	12/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.1 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4960**	16.0	12/03/2025	ND	432	108	400	0.00	QM-07

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2025	ND	201	101	200	1.21	
DRO >C10-C28*	**186**	10.0	12/03/2025	ND	187	93.7	200	3.48	
EXT DRO >C28-C36	**28.5**	10.0	12/03/2025	ND					

Surrogate: 1-Chlorooctane *92.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *100 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

1-1

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Kelly Lowery	**P.O. #:**
Address: 601 N Marienfeld Street, Suite 400	**Company:** XTO Energy, Inc
City: Midland **State:** TX **Zip:** 79701	**Attn:** Dale Woodall
Phone #: (214) 733-3165 **Fax #:**	**Address:** 3014 E Greene St
Project #: 03C1558746 **Project Owner:** XTO Energy, Inc.	**City:** Carlsbad
Project Name: Muy Wayno 18 Battery - SPILLS	**State:** NM **Zip:** 88220
Project Location: 32.127200001,-103.92738	**Phone #:**
Sampler Name: Trevor Wargo	**Fax #:**

FOR LAB USE ONLY					MATRIX							PRESERV.			SAMPLING		ANALYSIS REQUEST												
Lab I.D	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPH 8015	BTEX 8021	Chloride 4500											
H257518																													
1	FS10	1	C	1			✓					✓		12/02/25	8:54	✓	✓	✓											
2	FS11														8:58														
3	FS12														9:02														
4	FS13														9:05														

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

C/S. 040240101 K-AN

Relinquished By: Trevor Wargo	**Date:** 12/3/25 **Time:** 1013	**Received By:**	**Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:**
Relinquished By:	**Date:** 12.3.25 **Time:** 1132	**Received By:**	**All Results are emailed. Please provide Email address:** TWargo@ensolum.com, BBelill@ensolum.com, TMorrissey@ensolum.com, KLowery@ensolum.com, THillard@ensolum.com, KThomason@ensolum.com
			REMARKS: Incident Number:nAPP2526631061 Cost Center:1056671001 GFCM: 48605000

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	**Observed Temp. °C** 4.3 **Corrected Temp. °C** 4.6	**Sample Condition** Cool: ☑ Yes ☐ No Intact: ☐ Yes ☐ No	**CHECKED BY: (Initials)** AT	**Turnaround Time:** 72h **Standard** ☐ **Rush** ☑ **Thermometer ID** #113 **Correction Factor** -0.5°C	**Bacteria (only) Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No **Observed Temp. °C** **Corrected Temp. °C**

FORM-006 R 3.2 10/07/21

CARDINAL Laboratories

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

December 09, 2025

KELLY LOWERY

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: MUY WAYNO 18 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/04/25 11:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
KELLY LOWERY
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/04/2025	Sampling Date:	12/03/2025
Reported:	12/09/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: SW01 0-2' (H257551-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2025	ND	1.97	98.4	2.00	5.71	
Toluene*	<0.050	0.050	12/04/2025	ND	2.04	102	2.00	4.73	
Ethylbenzene*	<0.050	0.050	12/04/2025	ND	1.99	99.4	2.00	2.88	
Total Xylenes*	<0.150	0.150	12/04/2025	ND	5.95	99.2	6.00	3.11	
Total BTEX	<0.300	0.300	12/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2680**	16.0	12/04/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2025	ND	213	107	200	0.207	
DRO >C10-C28*	**33.9**	10.0	12/04/2025	ND	219	109	200	0.489	
EXT DRO >C28-C36	<10.0	10.0	12/04/2025	ND					

Surrogate: 1-Chlorooctane *96.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *96.9 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
KELLY LOWERY
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/04/2025	Sampling Date:	12/03/2025
Reported:	12/09/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: SW02 0-1' (H257551-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2025	ND	1.97	98.4	2.00	5.71	
Toluene*	<0.050	0.050	12/04/2025	ND	2.04	102	2.00	4.73	
Ethylbenzene*	<0.050	0.050	12/04/2025	ND	1.99	99.4	2.00	2.88	
Total Xylenes*	<0.150	0.150	12/04/2025	ND	5.95	99.2	6.00	3.11	
Total BTEX	<0.300	0.300	12/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2880**	16.0	12/04/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2025	ND	213	107	200	0.207	
DRO >C10-C28*	**689**	10.0	12/04/2025	ND	219	109	200	0.489	
EXT DRO >C28-C36	**138**	10.0	12/04/2025	ND					

Surrogate: 1-Chlorooctane *97.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *118 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1-1

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

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Kelly Lowery	**P.O. #:**
Address: 601 N Marienfeld Street, Suite 400	**Company:** XTO Energy, Inc
City: Midland **State:** TX **Zip:** 79701	**Attn:** Dale Woodall
Phone #: (214) 733-3165 **Fax #:**	**Address:** 3014 E Greene St
Project #: 03C1558746 **Project Owner:** XTO Energy, Inc.	**City:** Carlsbad
Project Name: Muy Wayno 18 Battery - SPILLS	**State:** NM **Zip:** 88220
Project Location: 32.127200001,-103.92738	**Phone #:**
Sampler Name: Trevor Wargo	**Fax #:**

FOR LAB USE ONLY Lab I.D	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: TPH 8015	BTEX 8021	Chloride 4500
H257951																		
1	SW01	0-2	C	1			✓					✓		12/03/25	8:58	↓	↓	↓
2	SW02	0-1	C	1			✓					✓		↓	9:04	↓	↓	↓

TGW

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

CLS 04021401 K

Relinquished By: Trevor Wargo	**Date:** 12.4.25 **Time:** 1145	**Received By:** apadua	**Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:**
Relinquished By:	**Date:** **Time:**	**Received By:**	**All Results are emailed. Please provide Email address:** TWargo@ensolum.com, KLowery@ensolum.com BBelill@ensolum.com, TMorrissey@ensolum.com, THillard@ensolum.com, KThomason@ensolum.com
			REMARKS: Incident Number:nAPP2526631061 Cost Center:1056671001 GFCM: 48605000
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	**Observed Temp. °C** 2.6 **Corrected Temp. °C** 2.9	**Sample Condition** Cool: ☐ Yes ☑ No Intact: ☑ Yes ☐ No	**CHECKED BY: (Initials)** AP

Turnaround Time: Standard ☐ Rush ☑ 72h
Thermometer ID #113 #1140 **Correction Factor** -0.5°C +0.3

Bacteria (only) Sample Condition Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No **Observed Temp. °C** **Corrected Temp. °C**

FORM-006 R 3.2 10/07/21

CARDINAL Laboratories

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

December 09, 2025

KELLY LOWERY

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: MUY WAYNO 18 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/04/25 11:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
KELLY LOWERY
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/04/2025	Sampling Date:	12/03/2025
Reported:	12/09/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: SW01 0-2' (H257551-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2025	ND	1.97	98.4	2.00	5.71	
Toluene*	<0.050	0.050	12/04/2025	ND	2.04	102	2.00	4.73	
Ethylbenzene*	<0.050	0.050	12/04/2025	ND	1.99	99.4	2.00	2.88	
Total Xylenes*	<0.150	0.150	12/04/2025	ND	5.95	99.2	6.00	3.11	
Total BTEX	<0.300	0.300	12/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2680**	16.0	12/04/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2025	ND	213	107	200	0.207	
DRO >C10-C28*	**33.9**	10.0	12/04/2025	ND	219	109	200	0.489	
EXT DRO >C28-C36	<10.0	10.0	12/04/2025	ND					

Surrogate: 1-Chlorooctane *96.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *96.9 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
KELLY LOWERY
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/04/2025	Sampling Date:	12/03/2025
Reported:	12/09/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: SW02 0-1' (H257551-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2025	ND	1.97	98.4	2.00	5.71	
Toluene*	<0.050	0.050	12/04/2025	ND	2.04	102	2.00	4.73	
Ethylbenzene*	<0.050	0.050	12/04/2025	ND	1.99	99.4	2.00	2.88	
Total Xylenes*	<0.150	0.150	12/04/2025	ND	5.95	99.2	6.00	3.11	
Total BTEX	<0.300	0.300	12/04/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2880**	16.0	12/04/2025	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2025	ND	213	107	200	0.207	
DRO >C10-C28*	**689**	10.0	12/04/2025	ND	219	109	200	0.489	
EXT DRO >C28-C36	**138**	10.0	12/04/2025	ND					

Surrogate: 1-Chlorooctane *97.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *118 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1-1

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

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Kelly Lowery	**P.O. #:**
Address: 601 N Marienfeld Street, Suite 400	**Company:** XTO Energy, Inc
City: Midland **State:** TX **Zip:** 79701	**Attn:** Dale Woodall
Phone #: (214) 733-3165 **Fax #:**	**Address:** 3014 E Greene St
Project #: 03C1558746 **Project Owner:** XTO Energy, Inc.	**City:** Carlsbad
Project Name: Muy Wayno 18 Battery - SPILLS	**State:** NM **Zip:** 88220
Project Location: 32.127200001,-103.92738	**Phone #:**
Sampler Name: Trevor Wargo	**Fax #:**

FOR LAB USE ONLY Lab I.D	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: TPH 8015	BTEX 8021	Chloride 4500
H257951																		
1	SW01	0-2	C	1			✓					✓		12/03/25	8:58	↓	↓	↓
2	SW02	0-1	C	1			↓					↓		↓	9:04			

TGW

CS 04021401 K

Relinquished By: Trevor Wargo	**Date:** 12.4.25 **Time:** 1145	**Received By:** apadua	
Relinquished By:	**Date:** **Time:**	**Received By:**	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	**Observed Temp. °C** 2.6 **Corrected Temp. °C** 2.9	**Sample Condition** Cool: ☐ Yes ☑ No Intact: ☑ Yes ☐ No	**CHECKED BY: (Initials)** AP

Verbal Result: ☐ Yes ☐ No **Add'l Phone #:**

All Results are emailed. Please provide Email address: TWargo@ensolum.com
BBelill@ensolum.com, TMorrissey@ensolum.com, KLowery@ensolum.com
THillard@ensolum.com, KThomason@ensolum.com

REMARKS: Incident Number:nAPP2526631061
Cost Center:1056671001
GFCM: 48605000

Turnaround Time: Standard ☑ Rush ☐
72h
Thermometer ID #113 #140
Correction Factor -0.5°C +0.3

Bacteria (only) Sample Condition
Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No
Observed Temp. °C
Corrected Temp. °C

CARDINAL Laboratories

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

December 10, 2025

TRACY HILLARD

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: MUY WAYNO 18 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/05/25 9:32.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/05/2025	Sampling Date:	12/04/2025
Reported:	12/10/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: FS 14 0.5 (H257573-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	12/07/2025	ND	2.00	99.9	2.00	0.661	GC-NC, QM-07
Toluene*	**14.9**	0.200	12/07/2025	ND	2.11	105	2.00	0.430	QM-07
Ethylbenzene*	**4.62**	0.200	12/07/2025	ND	2.19	109	2.00	0.270	
Total Xylenes*	**79.8**	0.600	12/07/2025	ND	6.79	113	6.00	0.465	QM-07
Total BTEX	**99.3**	1.20	12/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *122 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**10300**	16.0	12/05/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: ms S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**3020**	10.0	12/05/2025	ND	216	108	200	1.33	
DRO >C10-C28*	**7600**	10.0	12/05/2025	ND	226	113	200	0.311	
EXT DRO >C28-C36	**918**	10.0	12/05/2025	ND					

Surrogate: 1-Chlorooctane *621 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *319 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/05/2025	Sampling Date:	12/04/2025
Reported:	12/10/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: FS 15 0.5 (H257573-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	12/07/2025	ND	2.00	99.9	2.00	0.661	GC-NC
Toluene*	**6.92**	0.200	12/07/2025	ND	2.11	105	2.00	0.430	
Ethylbenzene*	**2.91**	0.200	12/07/2025	ND	2.19	109	2.00	0.270	
Total Xylenes*	**57.3**	0.600	12/07/2025	ND	6.79	113	6.00	0.465	
Total BTEX	**67.1**	1.20	12/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *126 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**5680**	16.0	12/05/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: ms S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**2220**	10.0	12/05/2025	ND	216	108	200	1.33	
DRO >C10-C28*	**7660**	10.0	12/05/2025	ND	226	113	200	0.311	
EXT DRO >C28-C36	**880**	10.0	12/05/2025	ND					

Surrogate: 1-Chlorooctane *318 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *153 %* *39.9-141*

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Fax To:

Received:	12/05/2025	Sampling Date:	12/04/2025
Reported:	12/10/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: SW 03 0-0.5 (H257573-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	12/07/2025	ND	2.00	99.9	2.00	0.661	
Toluene*	**3.00**	0.200	12/07/2025	ND	2.11	105	2.00	0.430	
Ethylbenzene*	**1.29**	0.200	12/07/2025	ND	2.19	109	2.00	0.270	
Total Xylenes*	**25.0**	0.600	12/07/2025	ND	6.79	113	6.00	0.465	
Total BTEX	**29.3**	1.20	12/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**11000**	16.0	12/05/2025	ND	432	108	400	0.00	QM-07

TPH 8015M mg/kg Analyzed By: ms S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**1040**	10.0	12/05/2025	ND	216	108	200	1.33	
DRO >C10-C28*	**4190**	10.0	12/05/2025	ND	226	113	200	0.311	
EXT DRO >C28-C36	**533**	10.0	12/05/2025	ND					

Surrogate: 1-Chlorooctane *161 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *126 %* *39.9-141*

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Analytical Results For:

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MIDLAND TX, 79705
Fax To:

Received:	12/05/2025	Sampling Date:	12/04/2025
Reported:	12/10/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: SW 04 0-0.5 (H257573-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	12/07/2025	ND	2.00	99.9	2.00	0.661	
Toluene*	**4.01**	0.500	12/07/2025	ND	2.11	105	2.00	0.430	
Ethylbenzene*	**1.72**	0.500	12/07/2025	ND	2.19	109	2.00	0.270	
Total Xylenes*	**36.4**	1.50	12/07/2025	ND	6.79	113	6.00	0.465	
Total BTEX	**42.2**	3.00	12/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *121 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4440**	16.0	12/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: ms S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**1590**	10.0	12/05/2025	ND	216	108	200	1.33	
DRO >C10-C28*	**7160**	10.0	12/05/2025	ND	226	113	200	0.311	
EXT DRO >C28-C36	**786**	10.0	12/05/2025	ND					

Surrogate: 1-Chlorooctane *274 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *153 %* *39.9-141*

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Analytical Results For:

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MIDLAND TX, 79705
Fax To:

Received:	12/05/2025	Sampling Date:	12/04/2025
Reported:	12/10/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: FS 16 0.5 (H257573-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2025	ND	2.00	99.9	2.00	0.661	
Toluene*	<0.050	0.050	12/07/2025	ND	2.11	105	2.00	0.430	
Ethylbenzene*	<0.050	0.050	12/07/2025	ND	2.19	109	2.00	0.270	
Total Xylenes*	**0.302**	0.150	12/07/2025	ND	6.79	113	6.00	0.465	
Total BTEX	**0.302**	0.300	12/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**7200**	16.0	12/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**33.3**	10.0	12/05/2025	ND	216	108	200	1.33	
DRO >C10-C28*	**628**	10.0	12/05/2025	ND	226	113	200	0.311	
EXT DRO >C28-C36	**98.1**	10.0	12/05/2025	ND					

Surrogate: 1-Chlorooctane *76.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *86.5 %* *39.9-141*

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MIDLAND TX, 79705
Fax To:

Received:	12/05/2025	Sampling Date:	12/04/2025
Reported:	12/10/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: SW 05 0-0.5 (H257573-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2025	ND	2.00	99.9	2.00	0.661	
Toluene*	**0.106**	0.050	12/08/2025	ND	2.11	105	2.00	0.430	
Ethylbenzene*	**0.122**	0.050	12/08/2025	ND	2.19	109	2.00	0.270	
Total Xylenes*	**3.19**	0.150	12/08/2025	ND	6.79	113	6.00	0.465	
Total BTEX	**3.42**	0.300	12/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *129 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**6480**	16.0	12/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**397**	10.0	12/05/2025	ND	216	108	200	1.33	
DRO >C10-C28*	**3640**	10.0	12/05/2025	ND	226	113	200	0.311	
EXT DRO >C28-C36	**472**	10.0	12/05/2025	ND					

Surrogate: 1-Chlorooctane *119 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *125 %* *39.9-141*

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Received:	12/05/2025	Sampling Date:	12/04/2025
Reported:	12/10/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: CS 01 SURFACE (H257573-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	12/07/2025	ND	2.00	99.9	2.00	0.661	GC-NC
Toluene*	**6.97**	0.200	12/07/2025	ND	2.11	105	2.00	0.430	
Ethylbenzene*	**2.45**	0.200	12/07/2025	ND	2.19	109	2.00	0.270	
Total Xylenes*	**44.0**	0.600	12/07/2025	ND	6.79	113	6.00	0.465	
Total BTEX	**53.4**	1.20	12/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**6800**	16.0	12/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: ms S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**1700**	10.0	12/05/2025	ND	216	108	200	1.33	
DRO >C10-C28*	**9520**	10.0	12/05/2025	ND	226	113	200	0.311	
EXT DRO >C28-C36	**837**	10.0	12/05/2025	ND					

Surrogate: 1-Chlorooctane *518 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *565 %* *39.9-141*

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Received:	12/05/2025	Sampling Date:	12/04/2025
Reported:	12/10/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: CS 02 SURFACE (H257573-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	12/07/2025	ND	2.00	99.9	2.00	0.661	
Toluene*	**3.01**	0.200	12/07/2025	ND	2.11	105	2.00	0.430	
Ethylbenzene*	**1.45**	0.200	12/07/2025	ND	2.19	109	2.00	0.270	
Total Xylenes*	**33.1**	0.600	12/07/2025	ND	6.79	113	6.00	0.465	
Total BTEX	**37.5**	1.20	12/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *131 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**6080**	16.0	12/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: ms S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**1430**	10.0	12/05/2025	ND	216	108	200	1.33	
DRO >C10-C28*	**9800**	10.0	12/05/2025	ND	226	113	200	0.311	
EXT DRO >C28-C36	**1040**	10.0	12/05/2025	ND					

Surrogate: 1-Chlorooctane *548 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *781 %* *39.9-141*

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Received:	12/05/2025	Sampling Date:	12/04/2025
Reported:	12/10/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: CS 03 SURFACE (H257573-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	12/07/2025	ND	2.00	99.9	2.00	0.661	
Toluene*	**1.52**	0.200	12/07/2025	ND	2.11	105	2.00	0.430	
Ethylbenzene*	**0.816**	0.200	12/07/2025	ND	2.19	109	2.00	0.270	
Total Xylenes*	**19.7**	0.600	12/07/2025	ND	6.79	113	6.00	0.465	
Total BTEX	**22.1**	1.20	12/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *126 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**5440**	16.0	12/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: ms S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**951**	10.0	12/05/2025	ND	216	108	200	1.33	
DRO >C10-C28*	**7530**	10.0	12/05/2025	ND	226	113	200	0.311	
EXT DRO >C28-C36	**820**	10.0	12/05/2025	ND					

Surrogate: 1-Chlorooctane *252 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *153 %* *39.9-141*

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Received:	12/05/2025	Sampling Date:	12/04/2025
Reported:	12/10/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: CS 04 SURFACE (H257573-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2025	ND	2.00	99.9	2.00	0.661	
Toluene*	**0.085**	0.050	12/08/2025	ND	2.11	105	2.00	0.430	
Ethylbenzene*	**0.102**	0.050	12/08/2025	ND	2.19	109	2.00	0.270	
Total Xylenes*	**2.72**	0.150	12/08/2025	ND	6.79	113	6.00	0.465	
Total BTEX	**2.91**	0.300	12/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**11500**	16.0	12/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: ms S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**262**	10.0	12/05/2025	ND	216	108	200	1.33	
DRO >C10-C28*	**3280**	10.0	12/05/2025	ND	226	113	200	0.311	
EXT DRO >C28-C36	**430**	10.0	12/05/2025	ND					

Surrogate: 1-Chlorooctane *120 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *169 %* *39.9-141*

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Fax To:

Received:	12/05/2025	Sampling Date:	12/04/2025
Reported:	12/10/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: CS 05 SURFACE (H257573-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2025	ND	2.00	99.9	2.00	0.661	
Toluene*	**1.24**	0.050	12/08/2025	ND	2.11	105	2.00	0.430	
Ethylbenzene*	**0.732**	0.050	12/08/2025	ND	2.19	109	2.00	0.270	
Total Xylenes*	**15.4**	0.150	12/08/2025	ND	6.79	113	6.00	0.465	
Total BTEX	**17.4**	0.300	12/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *140 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**7280**	16.0	12/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**848**	10.0	12/05/2025	ND	203	101	200	0.170	QM-07
DRO >C10-C28*	**6100**	10.0	12/05/2025	ND	197	98.5	200	0.337	QM-07
EXT DRO >C28-C36	**509**	10.0	12/05/2025	ND					

Surrogate: 1-Chlorooctane *223 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *126 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/05/2025	Sampling Date:	12/04/2025
Reported:	12/10/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: FS 17 1 (H257573-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2025	ND	2.00	99.9	2.00	0.661	
Toluene*	<0.050	0.050	12/07/2025	ND	2.11	105	2.00	0.430	
Ethylbenzene*	<0.050	0.050	12/07/2025	ND	2.19	109	2.00	0.270	
Total Xylenes*	<0.150	0.150	12/07/2025	ND	6.79	113	6.00	0.465	
Total BTEX	<0.300	0.300	12/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4680**	16.0	12/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2025	ND	203	101	200	0.170	
DRO >C10-C28*	**10.0**	10.0	12/05/2025	ND	197	98.5	200	0.337	
EXT DRO >C28-C36	<10.0	10.0	12/05/2025	ND					

Surrogate: 1-Chlorooctane *78.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *74.0 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/05/2025	Sampling Date:	12/04/2025
Reported:	12/10/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: FS 18 1 (H257573-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2025	ND	2.00	99.9	2.00	0.661	
Toluene*	<0.050	0.050	12/07/2025	ND	2.11	105	2.00	0.430	
Ethylbenzene*	<0.050	0.050	12/07/2025	ND	2.19	109	2.00	0.270	
Total Xylenes*	<0.150	0.150	12/07/2025	ND	6.79	113	6.00	0.465	
Total BTEX	<0.300	0.300	12/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4200**	16.0	12/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2025	ND	203	101	200	0.170	
DRO >C10-C28*	**16.3**	10.0	12/05/2025	ND	197	98.5	200	0.337	
EXT DRO >C28-C36	<10.0	10.0	12/05/2025	ND					

Surrogate: 1-Chlorooctane *67.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *63.1 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/05/2025	Sampling Date:	12/04/2025
Reported:	12/10/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: FS 09 1 (H257573-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2025	ND	2.00	99.9	2.00	0.661	
Toluene*	<0.050	0.050	12/07/2025	ND	2.11	105	2.00	0.430	
Ethylbenzene*	<0.050	0.050	12/07/2025	ND	2.19	109	2.00	0.270	
Total Xylenes*	<0.150	0.150	12/07/2025	ND	6.79	113	6.00	0.465	
Total BTEX	<0.300	0.300	12/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	12/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2025	ND	203	101	200	0.170	
DRO >C10-C28*	<10.0	10.0	12/05/2025	ND	197	98.5	200	0.337	
EXT DRO >C28-C36	<10.0	10.0	12/05/2025	ND					

Surrogate: 1-Chlorooctane *89.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *83.9 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/05/2025	Sampling Date:	12/04/2025
Reported:	12/10/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: CS 06 SURFACE (H257573-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2025	ND	2.00	99.9	2.00	0.661	
Toluene*	<0.050	0.050	12/07/2025	ND	2.11	105	2.00	0.430	
Ethylbenzene*	<0.050	0.050	12/07/2025	ND	2.19	109	2.00	0.270	
Total Xylenes*	<0.150	0.150	12/07/2025	ND	6.79	113	6.00	0.465	
Total BTEX	<0.300	0.300	12/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1840**	16.0	12/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2025	ND	203	101	200	0.170	
DRO >C10-C28*	**404**	10.0	12/05/2025	ND	197	98.5	200	0.337	
EXT DRO >C28-C36	**50.7**	10.0	12/05/2025	ND					

Surrogate: 1-Chlorooctane *94.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *98.3 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/05/2025	Sampling Date:	12/04/2025
Reported:	12/10/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001-103.92738		

Sample ID: SW 06 0-1 (H257573-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2025	ND	2.00	99.9	2.00	0.661	
Toluene*	<0.050	0.050	12/07/2025	ND	2.11	105	2.00	0.430	
Ethylbenzene*	<0.050	0.050	12/07/2025	ND	2.19	109	2.00	0.270	
Total Xylenes*	<0.150	0.150	12/07/2025	ND	6.79	113	6.00	0.465	
Total BTEX	<0.300	0.300	12/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**6320**	16.0	12/05/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2025	ND	203	101	200	0.170	
DRO >C10-C28*	<10.0	10.0	12/05/2025	ND	197	98.5	200	0.337	
EXT DRO >C28-C36	<10.0	10.0	12/05/2025	ND					

Surrogate: 1-Chlorooctane *80.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *74.4 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 - 2

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

Company Name: Ensolum, LLC		**BILL TO**	
Project Manager: Kelly Lowery		**P.O. #:**	
Address: 601 N Marienfeld Street, Suite 400		**Company:** XTO Energy, Inc	
City: Midland	**State:** TX **Zip:** 79701	**Attn:** Dale Woodall	
Phone #: (214) 733-3165	**Fax #:**	**Address:** 3014 E Greene St	
Project #: 03C1558746	**Project Owner:** XTO Energy, Inc.	**City:** Carlsbad	
Project Name: Muy Wayno 18 Battery	- SPILLS	**State:** NM **Zip:** 88220	
Project Location: 32.127200001,-103.92738		**Phone #:**	
Sampler Name: Trevor Wargo		**Fax #:**	

FOR LAB USE ONLY					MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST											
Lab I.D	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPH 8015	BTEX 8021	Chloride 4500									
H25 7573																											
1	FS14	0.5	C	1			✓					✓		12/04/25	9:21	✓	✓	✓									
2	FS15	↓													9:27												
3	SW03	0-0.5													9:23												
4	SW04	↓													9:31												
5	FS16	0.5													10:23												
6	SW05	0-0.5													10:16												
7	CS01	surface													10:19												
8	CS02														10:22												
9	CS03														10:55												
10	CS04	↓	↓	↓			✓					✓		✓	10:57	✓	✓	✓									

CS 040BWOIK - IAM

Relinquished By: Trevor Wargo	**Date:** 12/5/25 **Time:** 0755	**Received By:** CFW	**Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:**
Relinquished By: CFW	**Date:** **Time:** 932	**Received By:**	**All Results are emailed. Please provide Email address:** TWargo@ensolum.com, BBelill@ensolum.com, TMorrissey@ensolum.com, KLowery@ensolum.com, THillard@ensolum.com, KThomason@ensolum.com

REMARKS: Incident Number:nAPP2526631061
Cost Center:1056671001
GFCM: 48605000

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 4.9	Corrected Temp. °C 5.2	**Sample Condition** Cool ☑ Yes Intact ☑ Yes ☐ No ☐ No	**CHECKED BY: (Initials)** AJ	**Turnaround Time:** 72h **Standard** ☐ **Rush** ☑ Thermometer ID #113 #140 Correction Factor -0.5°C +0.3

Bacteria (only) Sample Condition Cool ☐ Yes Intact ☐ Yes ☐ No ☐ No **Observed Temp. °C** **Corrected Temp. °C**

FORM-006 R 3.2 10/07/21

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 - 2

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

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Kelly Lowery	**P.O. #:**
Address: 601 N Marienfeld Street, Suite 400	**Company:** XTO Energy, Inc
City: Midland **State:** TX **Zip:** 79701	**Attn:** Dale Woodall
Phone #: (214) 733-3165 **Fax #:**	**Address:** 3014 E Greene St
Project #: 03C1558746 **Project Owner:** XTO Energy, Inc.	**City:** Carlsbad
Project Name: Muy Wayno 18 Battery - SPILLS	**State:** NM **Zip:** 88220
Project Location: 32.127200001,-103.92738	**Phone #:**
Sampler Name: Trevor Wargo	**Fax #:**

FOR LAB USE ONLY					MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST											
Lab I.D	**Sample I.D.**	**Depth (feet)**	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	**DATE**	**TIME**	TPH 8015	BTEX 8021	Chloride 4500									
H25573																											
11	CS05	Surface	C	1			✓					✓		12/04/25	11:00	✓	✓	✓									
12	FS17	1													12:10												
13	FS18														12:34												
14	FS09	↓													12:37												
15	CS06	Surface													12:40												
16	SW06	0-1	↓	↓			↓					↓		↓	12:15	↓	↓	↓									

TDW

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Trevor Wargo	**Date:** 12/5/25 **Time:** 0755	**Received By:** CFW	**Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:**
Relinquished By: CFW	**Date:** 12.5.25 **Time:** 932	**Received By:** apacheco	**All Results are emailed. Please provide Email address:** TWargo@ensolum.com BBelill@ensolum.com, TMorrissey@ensolum.com, KLowery@ensolum.com THillard@ensolum.com, KThomason@ensolum.com
			REMARKS: Incident Number:nAPP2526631061 Cost Center:1056671001 GFCM: 48605000

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 4.9 Corrected Temp. °C 5.2	**Sample Condition** Cool ☑ Yes ☐ No Intact ☐ Yes ☐ No	**CHECKED BY: (Initials)** AP	**Turnaround Time:** 72h **Standard** ☐ **Rush** ☑ Thermometer ID #113 +1.0 Correction Factor -0.5°C +0.3	**Bacteria (only) Sample Condition** Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No **Observed Temp. °C** **Corrected Temp. °C**

FORM-006 R 3.2 10/07/21

CARDINAL Laboratories

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

December 11, 2025

TRACY HILLARD

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: MUY WAYNO 18 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/05/25 9:32.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/05/2025	Sampling Date:	12/04/2025
Reported:	12/11/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.127200001-103.92738		

Sample ID: SS 03A 4 (H257574-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2025	ND	2.00	99.9	2.00	0.661	
Toluene*	<0.050	0.050	12/07/2025	ND	2.11	105	2.00	0.430	
Ethylbenzene*	<0.050	0.050	12/07/2025	ND	2.19	109	2.00	0.270	
Total Xylenes*	<0.150	0.150	12/07/2025	ND	6.79	113	6.00	0.465	
Total BTEX	<0.300	0.300	12/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	12/05/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2025	ND	203	101	200	0.170	
DRO >C10-C28*	<10.0	10.0	12/05/2025	ND	197	98.5	200	0.337	
EXT DRO >C28-C36	<10.0	10.0	12/05/2025	ND					

Surrogate: 1-Chlorooctane *78.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *72.1 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/05/2025	Sampling Date:	12/04/2025
Reported:	12/11/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.127200001-103.92738		

Sample ID: SS 04A 4 (H257574-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2025	ND	2.00	99.9	2.00	0.661	
Toluene*	**0.093**	0.050	12/07/2025	ND	2.11	105	2.00	0.430	
Ethylbenzene*	<0.050	0.050	12/07/2025	ND	2.19	109	2.00	0.270	
Total Xylenes*	<0.150	0.150	12/07/2025	ND	6.79	113	6.00	0.465	
Total BTEX	<0.300	0.300	12/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	12/05/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2025	ND	203	101	200	0.170	
DRO >C10-C28*	<10.0	10.0	12/05/2025	ND	197	98.5	200	0.337	
EXT DRO >C28-C36	<10.0	10.0	12/05/2025	ND					

Surrogate: 1-Chlorooctane *83.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *77.1 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM, LLC
TRACY HILLARD
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	12/05/2025	Sampling Date:	12/04/2025
Reported:	12/11/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746 (SPILLS)	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.127200001-103.92738		

Sample ID: SS 05A 4 (H257574-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2025	ND	2.00	99.9	2.00	0.661	
Toluene*	<0.050	0.050	12/07/2025	ND	2.11	105	2.00	0.430	
Ethylbenzene*	<0.050	0.050	12/07/2025	ND	2.19	109	2.00	0.270	
Total Xylenes*	<0.150	0.150	12/07/2025	ND	6.79	113	6.00	0.465	
Total BTEX	<0.300	0.300	12/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	12/05/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2025	ND	203	101	200	0.170	
DRO >C10-C28*	<10.0	10.0	12/05/2025	ND	197	98.5	200	0.337	
EXT DRO >C28-C36	<10.0	10.0	12/05/2025	ND					

Surrogate: 1-Chlorooctane *89.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *82.5 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1-1

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

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Kelly Lowery	**P.O. #:**
Address: 601 N Marienfeld Street, Suite 400	**Company:** XTO Energy, Inc
City: Midland **State:** TX **Zip:** 79701	**Attn:** Dale Woodall
Phone #: (214) 733-3165 **Fax #:**	**Address:** 3014 E Greene St
Project #: 03C1558746 **Project Owner:** XTO Energy, Inc.	**City:** Carlsbad
Project Name: Muy Wayno 18 Battery - SPILLS	**State:** NM **Zip:** 88220
Project Location: 32.127200001,-103.92738	**Phone #:**
Sampler Name: Trevor Wargo	**Fax #:**

FOR LAB USE ONLY Lab I.D	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: TPH 8015	BTEX 8021	Chloride 4500
H257574 1	SS03A	4	G	1			✓					✓		12/04/25	14:22	✓	✓	✓
2	SS04A	↓	↓	↓			↓					↓		↓	14:07	↓	↓	↓
3	SS05A														13:48			

TBN

CLS 07402HOBBS

Relinquished By: Trevor Wargo	**Date:** 12/5/25 **Time:** 0755	**Received By:** CFW	**Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:**
Relinquished By: CFW	**Date:** 12.5.25 **Time:** 0932	**Received By:** SRodriguez	**All Results are emailed. Please provide Email address:** TWargo@ensolum.com, BBelill@ensolum.com, TMorrissey@ensolum.com, KLowery@ensolum.com, THillard@ensolum.com, KThomason@ensolum.com
			REMARKS: Incident Number:nAPP2526631061 Cost Center:1056671001 GFCM: 48605000
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	**Observed Temp. °C** 4.9 **Corrected Temp. °C** 5.2	**Sample Condition** Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	**CHECKED BY: (Initials)** SR

Turnaround Time: 72h **Standard** ☐ **Rush** ☑ #140

Thermometer ID #113 **Correction Factor** -0.5°C +0.3

Bacteria (only) Sample Condition Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No **Observed Temp. °C** **Corrected Temp. °C**

FORM-006 R 3.2 10/07/21

CARDINAL Laboratories

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

December 23, 2025

KELLY LOWERY

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: MUY WAYNO 18 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/19/25 12:11.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM
KELLY LOWERY
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/19/2025	Sampling Date:	12/19/2025
Reported:	12/23/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001, -103.92738		

Sample ID: SS12 SURFACE (H257854-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2025	ND	1.72	86.0	2.00	3.99	
Toluene*	<0.050	0.050	12/22/2025	ND	1.89	94.7	2.00	1.66	
Ethylbenzene*	<0.050	0.050	12/22/2025	ND	1.86	93.1	2.00	1.11	
Total Xylenes*	<0.150	0.150	12/22/2025	ND	5.51	91.8	6.00	1.93	
Total BTEX	<0.300	0.300	12/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	12/22/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	192	96.1	200	0.444	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	175	87.3	200	0.846	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *93.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *84.6 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENSOLUM
KELLY LOWERY
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received:	12/19/2025	Sampling Date:	12/19/2025
Reported:	12/23/2025	Sampling Type:	Soil
Project Name:	MUY WAYNO 18 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	03C1558746	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.127200001, -103.92738		

Sample ID: SS12A 4 (H257854-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2025	ND	1.72	86.0	2.00	3.99	
Toluene*	<0.050	0.050	12/22/2025	ND	1.89	94.7	2.00	1.66	
Ethylbenzene*	<0.050	0.050	12/22/2025	ND	1.86	93.1	2.00	1.11	
Total Xylenes*	<0.150	0.150	12/22/2025	ND	5.51	91.8	6.00	1.93	
Total BTEX	<0.300	0.300	12/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	12/22/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2025	ND	192	96.1	200	0.444	
DRO >C10-C28*	<10.0	10.0	12/19/2025	ND	175	87.3	200	0.846	
EXT DRO >C28-C36	<10.0	10.0	12/19/2025	ND					

Surrogate: 1-Chlorooctane *91.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *84.4 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

Page 5 of 5

Company Name: Ensolum, LLC	**BILL TO**
Project Manager: Kelly Lowery	P.O. #:
Address: 3122 National Parks Hwy	Company: XTO Energy
City: Carlsbad State: NM Zip 88220	Attn: Dale Woodall
Phone #: 970-210-9803 Fax #:	Address: 3104 E Green St
Project #: 03C1558746 Project Owner: XTO Energy	City: Carlsbad
Project Name: Muy Wayno 18 Battery	State: NM Zip: 88220
Project Location: 32.127200001, -103.92738	Phone #:
Sampler Name: Jacob Harrison	Fax #:

Lab I.D. (FOR LAB USE ONLY)	Sample I.D.	Sample Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL ✓	OTHER:	SAMPLING: DATE	TIME	TPH (8015M/D)	Chloride (4500)	BTEX (8021B)
H257854																		
1	SS12	Surface	G	1			\					\		12/19/25	847	\	\	\
2	SS12A	4	G	1			\					\		↓	856	\	\	\

JWH

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

C/S awaiwalk

Relinquished By: [signature]	Date: 12.19.25 Time: 12:11	Received By: [signature]	Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address: klowery@ensolum.com ~~thillard@ensolum.com~~ / tmorrissey@ensolum.com / kthomason@ensolum.com / richard.kotzur@exxonmobil.com / jharrison@ensolum.com / Thillard@ensolum.com
Relinquished By:	Date: Time:	Received By:	REMARKS: CC: 1056671001 nAPP2526631061 GFCM: 48605000
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.8 Corrected Temp. °C 4.1	Sample Condition Cool Intact ☐ Yes ☑ Yes ☐ No ☐ No	CHECKED BY: (Initials) AP
Turnaround Time: Standard ☐ Rush ☑ 72-hr Thermometer ID #140 Correction Factor +0.3°C		Bacteria (only) Sample Condition Cool Intact ☐ Yes ☐ Yes ☐ No ☐ No	Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.6 02/12/25

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/19/2026 2:08:53 PM

JOB DESCRIPTION

MUY WAYNO 18 BATTERY
03C1558746

JOB NUMBER

890-9493-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

my EOL

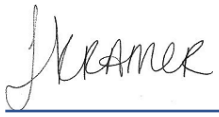
Eurofins Carlsbad

Job Notes

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

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

Authorization



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

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Laboratory Job ID: 890-9493-1
SDG: 03C1558746

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Definitions/Glossary

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9493-1
SDG: 03C1558746

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Ensolum Job ID: 890-9493-1
Project: MUY WAYNO 18 BATTERY

Job ID: 890-9493-1 Eurofins Carlsbad

Job Narrative
890-9493-1

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

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

Receipt
The samples were received on 2/11/2026 2:50 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 -1.0°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: SS 13 (890-9493-1), SS 14 (890-9493-2), SS 15 (890-9493-3), SS 16 (890-9493-4) and SS 17 (890-9493-5).

GC VOA
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-131923 and analytical batch 880-132160 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 13 (890-9493-1), SS 14 (890-9493-2), SS 15 (890-9493-3), SS 16 (890-9493-4) and SS 17 (890-9493-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with preparation batch 880-131923 and analytical batch 880-132160 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Toluene, Ethylbenzene, m-Xylene & p-Xylene and o-Xylene in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (LCS 880-131923/1-A) and (LCSD 880-131923/2-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (880-68103-A-1-C MS) and (880-68103-A-1-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with analytical batch 880-132160 was outside the upper control limits.

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

Diesel Range Organics
Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-132165 recovered above the upper control limit for Gasoline Range Organics (GRO)-C6-C10. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 880-132165/174).

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-131617/2-A), (LCSD 880-131617/3-A) and (890-9490-A-7-C MSD). Evidence of matrix interferences is not obvious.

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-131617 and analytical batch 880-132165 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.

Eurofins Carlsbad

Case Narrative

Client: Ensolum
Job ID: 890-9493-1
Project: MUY WAYNO 18 BATTERY

Job ID: 890-9493-1 (Continued)
Eurofins Carlsbad

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

Client Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9493-1
SDG: 03C1558746

Client Sample ID: SS 13

Lab Sample ID: 890-9493-1
Matrix: Solid
Date Collected: 02/11/26 10:00
Date Received: 02/11/26 14:50
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:42	02/19/26 03:33	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:42	02/19/26 03:33	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:42	02/19/26 03:33	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/16/26 11:42	02/19/26 03:33	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/16/26 11:42	02/19/26 03:33	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/16/26 11:42	02/19/26 03:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*167*	*S1+*	*70 - 130*	*02/16/26 11:42*	*02/19/26 03:33*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*02/16/26 11:42*	*02/19/26 03:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/19/26 03:33	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/19/26 01:35	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/12/26 12:29	02/19/26 01:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 12:29	02/19/26 01:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 12:29	02/19/26 01:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*126*		*70 - 130*	*02/12/26 12:29*	*02/19/26 01:35*	*1*
o-Terphenyl	*119*		*70 - 130*	*02/12/26 12:29*	*02/19/26 01:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/16/26 12:22	1

Client Sample ID: SS 14

Lab Sample ID: 890-9493-2
Matrix: Solid
Date Collected: 02/11/26 09:55
Date Received: 02/11/26 14:50
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:42	02/19/26 03:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:42	02/19/26 03:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:42	02/19/26 03:53	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/16/26 11:42	02/19/26 03:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:42	02/19/26 03:53	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/16/26 11:42	02/19/26 03:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*160*	*S1+*	*70 - 130*	*02/16/26 11:42*	*02/19/26 03:53*	*1*

Client Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9493-1
SDG: 03C1558746

Client Sample ID: SS 14

Lab Sample ID: 890-9493-2
Matrix: Solid
Date Collected: 02/11/26 09:55
Date Received: 02/11/26 14:50
Sample Depth: 0.5

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/16/26 11:42*	*02/19/26 03:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			02/19/26 03:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**92.7**		49.8	mg/Kg			02/19/26 01:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		02/12/26 12:29	02/19/26 01:49	1
Diesel Range Organics (Over C10-C28)	**92.7**		49.8	mg/Kg		02/12/26 12:29	02/19/26 01:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		02/12/26 12:29	02/19/26 01:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*116*		*70 - 130*	*02/12/26 12:29*	*02/19/26 01:49*	*1*
o-Terphenyl	*114*		*70 - 130*	*02/12/26 12:29*	*02/19/26 01:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**42.9**		10.1	mg/Kg			02/16/26 12:27	1

Client Sample ID: SS 15

Lab Sample ID: 890-9493-3
Matrix: Solid
Date Collected: 02/11/26 11:00
Date Received: 02/11/26 14:50
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		02/16/26 11:42	02/19/26 04:14	1
Toluene	<0.00199	U	0.00199	mg/Kg		02/16/26 11:42	02/19/26 04:14	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		02/16/26 11:42	02/19/26 04:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		02/16/26 11:42	02/19/26 04:14	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		02/16/26 11:42	02/19/26 04:14	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		02/16/26 11:42	02/19/26 04:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*159*	*S1+*	*70 - 130*	*02/16/26 11:42*	*02/19/26 04:14*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*02/16/26 11:42*	*02/19/26 04:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			02/19/26 04:14	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			02/19/26 02:05	1

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Client Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9493-1
SDG: 03C1558746

Client Sample ID: SS 15

Lab Sample ID: 890-9493-3
Matrix: Solid
Date Collected: 02/11/26 11:00
Date Received: 02/11/26 14:50
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/12/26 12:29	02/19/26 02:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 12:29	02/19/26 02:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 12:29	02/19/26 02:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*127*		*70 - 130*	*02/12/26 12:29*	*02/19/26 02:05*	*1*
o-Terphenyl	*122*		*70 - 130*	*02/12/26 12:29*	*02/19/26 02:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/16/26 12:32	1

Client Sample ID: SS 16

Lab Sample ID: 890-9493-4
Matrix: Solid
Date Collected: 02/11/26 09:34
Date Received: 02/11/26 14:50
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/16/26 11:42	02/19/26 04:34	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/16/26 11:42	02/19/26 04:34	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/16/26 11:42	02/19/26 04:34	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/16/26 11:42	02/19/26 04:34	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/16/26 11:42	02/19/26 04:34	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/16/26 11:42	02/19/26 04:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*162*	*S1+*	*70 - 130*	*02/16/26 11:42*	*02/19/26 04:34*	*1*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*	*02/16/26 11:42*	*02/19/26 04:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/19/26 04:34	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/19/26 02:20	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	<49.6	U	49.6		mg/Kg		02/12/26 12:29	02/19/26 02:20	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/12/26 12:29	02/19/26 02:20	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/12/26 12:29	02/19/26 02:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*02/12/26 12:29*	*02/19/26 02:20*	*1*
o-Terphenyl	*115*		*70 - 130*	*02/12/26 12:29*	*02/19/26 02:20*	*1*

Client Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9493-1
SDG: 03C1558746

Client Sample ID: SS 16

Lab Sample ID: 890-9493-4
Matrix: Solid
Date Collected: 02/11/26 09:34
Date Received: 02/11/26 14:50
Sample Depth: 0.5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	64.6		9.96		mg/Kg			02/16/26 12:37	1

Client Sample ID: SS 17

Lab Sample ID: 890-9493-5
Matrix: Solid
Date Collected: 02/11/26 09:45
Date Received: 02/11/26 14:50
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:42	02/19/26 04:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:42	02/19/26 04:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:42	02/19/26 04:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/16/26 11:42	02/19/26 04:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:42	02/19/26 04:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/16/26 11:42	02/19/26 04:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*151*	*S1+*	*70 - 130*	*02/16/26 11:42*	*02/19/26 04:55*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*02/16/26 11:42*	*02/19/26 04:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/19/26 04:55	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/19/26 02:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/12/26 12:29	02/19/26 02:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 12:29	02/19/26 02:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 12:29	02/19/26 02:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*02/12/26 12:29*	*02/19/26 02:36*	*1*
o-Terphenyl	*114*		*70 - 130*	*02/12/26 12:29*	*02/19/26 02:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	113		10.1		mg/Kg			02/16/26 12:53	1

Surrogate Summary

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9493-1
SDG: 03C1558746

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-68103-A-1-C MS	Matrix Spike	1531 S1+	128
880-68103-A-1-D MSD	Matrix Spike Duplicate	2532 S1+	87
890-9493-1	SS 13	167 S1+	111
890-9493-2	SS 14	160 S1+	99
890-9493-3	SS 15	159 S1+	83
890-9493-4	SS 16	162 S1+	117
890-9493-5	SS 17	151 S1+	76
LCS 880-131923/1-A	Lab Control Sample	138 S1+	83
LCSD 880-131923/2-A	Lab Control Sample Dup	139 S1+	85
MB 880-131923/5-A	Method Blank	144 S1+	82
MB 880-132160/8	Method Blank	136 S1+	80

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-9490-A-7-B MS	Matrix Spike	117	112
890-9490-A-7-C MSD	Matrix Spike Duplicate	146 S1+	113
890-9493-1	SS 13	126	119
890-9493-2	SS 14	116	114
890-9493-3	SS 15	127	122
890-9493-4	SS 16	123	115
890-9493-5	SS 17	120	114
LCS 880-131617/2-A	Lab Control Sample	129	134 S1+
LCSD 880-131617/3-A	Lab Control Sample Dup	138 S1+	137 S1+
MB 880-131617/1-A	Method Blank	148 S1+	155 S1+

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9493-1
SDG: 03C1558746

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-131923/5-A
Matrix: Solid
Analysis Batch: 132160

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131923

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:42	02/18/26 22:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:42	02/18/26 22:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:42	02/18/26 22:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/16/26 11:42	02/18/26 22:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/16/26 11:42	02/18/26 22:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/16/26 11:42	02/18/26 22:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*02/16/26 11:42*	*02/18/26 22:33*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*02/16/26 11:42*	*02/18/26 22:33*	*1*

Lab Sample ID: LCS 880-131923/1-A
Matrix: Solid
Analysis Batch: 132160

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131923

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1059		mg/Kg		106	70 - 130		
Toluene			0.100	0.1000		mg/Kg		100	70 - 130		
Ethylbenzene			0.100	0.09608		mg/Kg		96	70 - 130		
m-Xylene & p-Xylene			0.200	0.2028		mg/Kg		101	70 - 130		
o-Xylene			0.100	0.1117		mg/Kg		112	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*138*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*

Lab Sample ID: LCSD 880-131923/2-A
Matrix: Solid
Analysis Batch: 132160

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131923

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1084		mg/Kg		108	70 - 130	2	35
Toluene			0.100	0.1020		mg/Kg		102	70 - 130	2	35
Ethylbenzene			0.100	0.09542		mg/Kg		95	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.2020		mg/Kg		101	70 - 130	0	35
o-Xylene			0.100	0.1113		mg/Kg		111	70 - 130	0	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*139*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*

Lab Sample ID: 880-68103-A-1-C MS
Matrix: Solid
Analysis Batch: 132160

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131923

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.163	F1 F2	0.100	0.1910	F1	mg/Kg		28	70 - 130		

QC Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9493-1
SDG: 03C1558746

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

Lab Sample ID: 880-68103-A-1-C MS
Matrix: Solid
Analysis Batch: 132160

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131923

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*1531*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*128*		*70 - 130*

Lab Sample ID: 880-68103-A-1-D MSD
Matrix: Solid
Analysis Batch: 132160

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131923

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.163	F1 F2	0.100	0.3007	F1 F2	mg/Kg		137	70 - 130	45	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*2532*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*

Lab Sample ID: MB 880-132160/8
Matrix: Solid
Analysis Batch: 132160

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			02/18/26 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg			02/18/26 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			02/18/26 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			02/18/26 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			02/18/26 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			02/18/26 11:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*		*02/18/26 11:07*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*		*02/18/26 11:07*	*1*

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

Lab Sample ID: MB 880-131617/1-A
Matrix: Solid
Analysis Batch: 132165

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131617

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/12/26 12:28	02/18/26 23:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 12:28	02/18/26 23:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 12:28	02/18/26 23:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*148*	*S1+*	*70 - 130*	*02/12/26 12:28*	*02/18/26 23:03*	*1*
o-Terphenyl	*155*	*S1+*	*70 - 130*	*02/12/26 12:28*	*02/18/26 23:03*	*1*

QC Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9493-1
SDG: 03C1558746

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

Lab Sample ID: LCS 880-131617/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132165 — **Prep Batch: 131617**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1238		mg/Kg		124	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1108		mg/Kg		111	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*129*		*70 - 130*
o-Terphenyl	*134*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-131617/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132165 — **Prep Batch: 131617**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1252		mg/Kg		125	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1136		mg/Kg		114	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*138*	*S1+*	*70 - 130*
o-Terphenyl	*137*	*S1+*	*70 - 130*

Lab Sample ID: 890-9490-A-7-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132165 — **Prep Batch: 131617**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1268		mg/Kg		127	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1018		mg/Kg		102	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*117*		*70 - 130*
o-Terphenyl	*112*		*70 - 130*

Lab Sample ID: 890-9490-A-7-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132165 — **Prep Batch: 131617**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1195		mg/Kg		120	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	928.8		mg/Kg		93	70 - 130	9	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*146*	*S1+*	*70 - 130*

QC Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9493-1
SDG: 03C1558746

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

Lab Sample ID: 890-9490-A-7-C MSD
Matrix: Solid
Analysis Batch: 132165

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131617

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	*113*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-131759/1-A
Matrix: Solid
Analysis Batch: 131875

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/16/26 11:08	1

Lab Sample ID: LCS 880-131759/2-A
Matrix: Solid
Analysis Batch: 131875

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	232.2		mg/Kg		93	90 - 110		

Lab Sample ID: LCSD 880-131759/3-A
Matrix: Solid
Analysis Batch: 131875

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	232.0		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 890-9493-4 MS
Matrix: Solid
Analysis Batch: 131875

Client Sample ID: SS 16
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	64.6		249	319.1		mg/Kg		102	90 - 110		

Lab Sample ID: 890-9493-4 MSD
Matrix: Solid
Analysis Batch: 131875

Client Sample ID: SS 16
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	64.6		249	318.8		mg/Kg		102	90 - 110	0	20

QC Association Summary

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9493-1
SDG: 03C1558746

GC VOA

Prep Batch: 131923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9493-1	SS 13	Total/NA	Solid	5035	
890-9493-2	SS 14	Total/NA	Solid	5035	
890-9493-3	SS 15	Total/NA	Solid	5035	
890-9493-4	SS 16	Total/NA	Solid	5035	
890-9493-5	SS 17	Total/NA	Solid	5035	
MB 880-131923/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131923/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131923/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68103-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-68103-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 132160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9493-1	SS 13	Total/NA	Solid	8021B	131923
890-9493-2	SS 14	Total/NA	Solid	8021B	131923
890-9493-3	SS 15	Total/NA	Solid	8021B	131923
890-9493-4	SS 16	Total/NA	Solid	8021B	131923
890-9493-5	SS 17	Total/NA	Solid	8021B	131923
MB 880-131923/5-A	Method Blank	Total/NA	Solid	8021B	131923
MB 880-132160/8	Method Blank	Total/NA	Solid	8021B	
LCS 880-131923/1-A	Lab Control Sample	Total/NA	Solid	8021B	131923
LCSD 880-131923/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131923
880-68103-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	131923
880-68103-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	131923

Analysis Batch: 132405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9493-1	SS 13	Total/NA	Solid	Total BTEX	
890-9493-2	SS 14	Total/NA	Solid	Total BTEX	
890-9493-3	SS 15	Total/NA	Solid	Total BTEX	
890-9493-4	SS 16	Total/NA	Solid	Total BTEX	
890-9493-5	SS 17	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 131617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9493-1	SS 13	Total/NA	Solid	8015NM Prep	
890-9493-2	SS 14	Total/NA	Solid	8015NM Prep	
890-9493-3	SS 15	Total/NA	Solid	8015NM Prep	
890-9493-4	SS 16	Total/NA	Solid	8015NM Prep	
890-9493-5	SS 17	Total/NA	Solid	8015NM Prep	
MB 880-131617/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131617/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131617/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9490-A-7-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9490-A-7-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 132165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9493-1	SS 13	Total/NA	Solid	8015B NM	131617

QC Association Summary

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9493-1
SDG: 03C1558746

GC Semi VOA (Continued)

Analysis Batch: 132165 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9493-2	SS 14	Total/NA	Solid	8015B NM	131617
890-9493-3	SS 15	Total/NA	Solid	8015B NM	131617
890-9493-4	SS 16	Total/NA	Solid	8015B NM	131617
890-9493-5	SS 17	Total/NA	Solid	8015B NM	131617
MB 880-131617/1-A	Method Blank	Total/NA	Solid	8015B NM	131617
LCS 880-131617/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131617
LCSD 880-131617/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131617
890-9490-A-7-B MS	Matrix Spike	Total/NA	Solid	8015B NM	131617
890-9490-A-7-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	131617

Analysis Batch: 132378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9493-1	SS 13	Total/NA	Solid	8015 NM	
890-9493-2	SS 14	Total/NA	Solid	8015 NM	
890-9493-3	SS 15	Total/NA	Solid	8015 NM	
890-9493-4	SS 16	Total/NA	Solid	8015 NM	
890-9493-5	SS 17	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 131759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9493-1	SS 13	Soluble	Solid	DI Leach	
890-9493-2	SS 14	Soluble	Solid	DI Leach	
890-9493-3	SS 15	Soluble	Solid	DI Leach	
890-9493-4	SS 16	Soluble	Solid	DI Leach	
890-9493-5	SS 17	Soluble	Solid	DI Leach	
MB 880-131759/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131759/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131759/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9493-4 MS	SS 16	Soluble	Solid	DI Leach	
890-9493-4 MSD	SS 16	Soluble	Solid	DI Leach	

Analysis Batch: 131875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9493-1	SS 13	Soluble	Solid	300.0	131759
890-9493-2	SS 14	Soluble	Solid	300.0	131759
890-9493-3	SS 15	Soluble	Solid	300.0	131759
890-9493-4	SS 16	Soluble	Solid	300.0	131759
890-9493-5	SS 17	Soluble	Solid	300.0	131759
MB 880-131759/1-A	Method Blank	Soluble	Solid	300.0	131759
LCS 880-131759/2-A	Lab Control Sample	Soluble	Solid	300.0	131759
LCSD 880-131759/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131759
890-9493-4 MS	SS 16	Soluble	Solid	300.0	131759
890-9493-4 MSD	SS 16	Soluble	Solid	300.0	131759

Lab Chronicle

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9493-1
SDG: 03C1558746

Client Sample ID: SS 13

Date Collected: 02/11/26 10:00
Date Received: 02/11/26 14:50

Lab Sample ID: 890-9493-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	131923	02/16/26 11:42	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132160	02/19/26 03:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132405	02/19/26 03:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			132378	02/19/26 01:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131617	02/12/26 12:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132165	02/19/26 01:35	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	131759	02/13/26 13:35	SI	EET MID
Soluble	Analysis	300.0		1			131875	02/16/26 12:22	CS	EET MID

Client Sample ID: SS 14

Date Collected: 02/11/26 09:55
Date Received: 02/11/26 14:50

Lab Sample ID: 890-9493-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	131923	02/16/26 11:42	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132160	02/19/26 03:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132405	02/19/26 03:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			132378	02/19/26 01:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131617	02/12/26 12:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132165	02/19/26 01:49	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131759	02/13/26 13:35	SI	EET MID
Soluble	Analysis	300.0		1			131875	02/16/26 12:27	CS	EET MID

Client Sample ID: SS 15

Date Collected: 02/11/26 11:00
Date Received: 02/11/26 14:50

Lab Sample ID: 890-9493-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	131923	02/16/26 11:42	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132160	02/19/26 04:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132405	02/19/26 04:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			132378	02/19/26 02:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131617	02/12/26 12:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132165	02/19/26 02:05	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131759	02/13/26 13:35	SI	EET MID
Soluble	Analysis	300.0		1			131875	02/16/26 12:32	CS	EET MID

Client Sample ID: SS 16

Date Collected: 02/11/26 09:34
Date Received: 02/11/26 14:50

Lab Sample ID: 890-9493-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	131923	02/16/26 11:42	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132160	02/19/26 04:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132405	02/19/26 04:34	SA	EET MID

Lab Chronicle

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9493-1
SDG: 03C1558746

Client Sample ID: SS 16

Lab Sample ID: 890-9493-4
Matrix: Solid
Date Collected: 02/11/26 09:34
Date Received: 02/11/26 14:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			132378	02/19/26 02:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10.00 mL	131617	02/12/26 12:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132165	02/19/26 02:20	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131759	02/13/26 13:35	SI	EET MID
Soluble	Analysis	300.0		1			131875	02/16/26 12:37	CS	EET MID

Client Sample ID: SS 17

Lab Sample ID: 890-9493-5
Matrix: Solid
Date Collected: 02/11/26 09:45
Date Received: 02/11/26 14:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	131923	02/16/26 11:42	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132160	02/19/26 04:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132405	02/19/26 04:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			132378	02/19/26 02:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131617	02/12/26 12:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132165	02/19/26 02:36	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131759	02/13/26 13:35	SI	EET MID
Soluble	Analysis	300.0		1			131875	02/16/26 12:53	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9493-1
SDG: 03C1558746

Laboratory: Eurofins Midland

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9493-1
SDG: 03C1558746

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9493-1
SDG: 03C1558746

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9493-1	SS 13	Solid	02/11/26 10:00	02/11/26 14:50	0.5
890-9493-2	SS 14	Solid	02/11/26 09:55	02/11/26 14:50	0.5
890-9493-3	SS 15	Solid	02/11/26 11:00	02/11/26 14:50	0.5
890-9493-4	SS 16	Solid	02/11/26 09:34	02/11/26 14:50	0.5
890-9493-5	SS 17	Solid	02/11/26 09:45	02/11/26 14:50	0.5

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Chain of Custody

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

Work Order No: ____________

www.xenco.com Page 1 of 1

Project Manager:	Tacoma Morrissey	Bill to: (if different)	Robert Woodall
Company Name:	Ensolum	Company Name:	XTO Energy, Inc
Address:	3122 National Parks Hwy	Address:	3104 E Greene St
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbad, NM 88220
Phone:	337-257-8307	Email:	Kthomason; Tmorrissey; Thillard; Jreich; Bbelli; @ensolum.com richard.kotzur@exxonmobil.com

Work Order Comments

Program: UST/PST ☐RP ☐rownfields ☐RC ☐perfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Muy Wayno 18 Battery	Turn Around	
Project Number:	03C1558746	☑ Routine	☐ Rush
Project Location:	32.127200001,-103.92738	Due Date:	
Sampler's Name:	Evan Roe & Chloe Jones	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	TNm007
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-1.2
Total Containers:		Corrected Temperature:	-1.0

890-9493 Chain of Custody

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	TPH	BTEX	Chlorides	Sample Comments
SS 13	Soil	2/11/2026	1000	0.5	Grab	1	✓	✓	✓	Incident ID: nAPP2526631061
SS 14	Soil	2/11/2026	955	0.5	Grab	1	✓	✓	✓	CC: 1056671001
SS 15	Soil	2/11/2026	1100	0.5	Grab	1	✓	✓	✓	GFCM: 48605000
SS 16	Soil	2/11/2026	934	0.5	Grab	1	✓	✓	✓	
SS 17	Soil	2/11/2026	945	0.5	Grab	1	✓	✓	✓	

Preservative Codes

None: NO — DI Water: H_2O
Cool: Cool — MeOH: Me
HCL: HC — HNO_3: HN
H_2SO_4: H_2 — NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 [signature]	[signature]	2/11 . 14:53			
3	"		4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6503 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica Kramer@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9493-1
Address: 1211 W Florida Ave, ,	Due Date Requested: 2/17/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MUY WAYNO 18 BATTERY	Project #: 89000110			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep(MOD) Full TPH	8015MOD_Calc	300_ORGFM_28D/DI_LEACHChloride	8021B/5035FP_Calc(MOD) BTEX	Total_BTEX_GCV	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
SS 13 (890-9493-1)	2/11/26	10 00 Mountain	G	Solid			X	X	X	X	X	1	
SS 14 (890-9493-2)	2/11/26	09 55 Mountain	G	Solid			X	X	X	X	X	1	
SS 15 (890-9493-3)	2/11/26	11 00 Mountain	G	Solid			X	X	X	X	X	1	
SS 16 (890-9493-4)	2/11/26	09 34 Mountain	G	Solid			X	X	X	X	X	1	
SS 17 (890-9493-5)	2/11/26	09 45 Mountain	G	Solid			X	X	X	X	X	1	

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

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date:	Time	Method of Shipment:

Relinquished by	Date/Time:	Company	Received by	Date/Time	Company
Relinquished by: [signature]	2-11 1630		Received by: [signature]	2.12.26 930	
Relinquished by	Date/Time:	Company	Received by	Date/Time	Company
Relinquished by	Date/Time:	Company	Received by	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9493-1
SDG Number: 03C1558746

Login Number: 9493
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9493-1
SDG Number: 03C1558746

Login Number: 9493
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 02/12/26 10:39 AM

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

ENSOLUM

APPENDIX E

NMOCD Correspondence

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 508307
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
Please answer all the questions in this group.	
Site Name	MUY WAYNO 18 BATTERY
Date Release Discovered	09/22/2025
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure | Valve | Crude Oil | Released: 5 BBL | Recovered: 1 BBL | Lost: 4 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure | Valve | Produced Water | Released: 21 BBL | Recovered: 4 BBL | Lost: 17 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 508307
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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ACKNOWLEDGMENTS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 508307
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

☑	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
☑	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
☑	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
☑	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.
☑	I acknowledge the fact that 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.
☑	I acknowledge the fact that, 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.

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Santa Fe, NM 87505

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 508307
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
rwoodall	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	9/23/2025

Location:	**Muy Wayno 18 Battery**	
Spill Date:	**9/22/2025**	
Incident #:	nAPP2526631061	
Area 1		
Approximate Area =	4214	sq. ft.
Average Saturation (or depth) of spill =	1.25	inches
Average Porosity Factor =	0.15	
VOLUME OF LEAK		
Total Crude Oil =	4.59	bbls
Total Produced Water =	20.93	bbls
Area 2		
Approximate Area =		sq. ft.
Average Saturation (or depth) of spill =		inches
VOLUME OF LEAK		
Total Crude Oil =		bbls
Total Produced Water =		bbls
TOTAL VOLUME OF LEAK		
Total Crude Oil =	**4.59**	**bbls**
Total Produced Water =	**20.9**	**bbls**
TOTAL VOLUME RECOVERED		
Total Crude Oil =	**0.00**	**bbls**
Total Produced Water =	**0**	**bbls**

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Santa Fe, NM 87505

QUESTIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 508464
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2526631061**
Incident Name	**NAPP2526631061 MUY WAYNO 18 BATTERY @ FAPP2126038626**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Received**
Incident Facility	**[fAPP2126038626] Muy Wayno 18 Battery**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	MUY WAYNO 18 BATTERY
Date Release Discovered	09/22/2025
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure | Valve | Crude Oil | Released: 5 BBL | Recovered: 1 BBL | Lost: 4 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure | Valve | Produced Water | Released: 21 BBL | Recovered: 4 BBL | Lost: 17 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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State of New Mexico
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Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 508464
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

I hereby agree and sign off to the above statement	Name: Robert Woodall Title: Environmental Analyst Email: robert.d.woodall@exxonmobil.com Date: 09/23/2025

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QUESTIONS (continued)

Operator:	OGRID:
XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	5380
	Action Number: 508464
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	*Not answered.*
What method was used to determine the depth to ground water	*Not answered.*
Did this release impact groundwater or surface water	*Not answered.*
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	*Not answered.*
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	*Not answered.*
An occupied permanent residence, school, hospital, institution, or church	*Not answered.*
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	*Not answered.*
Any other fresh water well or spring	*Not answered.*
Incorporated municipal boundaries or a defined municipal fresh water well field	*Not answered.*
A wetland	*Not answered.*
A subsurface mine	*Not answered.*
An (non-karst) unstable area	*Not answered.*
Categorize the risk of this well / site being in a karst geology	*Not answered.*
A 100-year floodplain	*Not answered.*
Did the release impact areas not on an exploration, development, production, or storage site	*Not answered.*

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	No
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 508464
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	None	9/23/2025

Outlook

RE: [EXTERNAL] XTO- Extension Request- Muy Wayno 18 Battery - Incident Number nAPP2526631061

From Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>
Date Mon 12/22/2025 11:39 AM
To Woodall, Robert D <robert.d.woodall@exxonmobil.com>
Cc quan.tran@exxonmobil.com <quan.tran@exxonmobil.com>; Serrano, Sylvana A <sylvana.m.azana@exxonmobil.com>; Ben Belill <bbelill@ensolum.com>; Kelly Lowery <klowery@ensolum.com>; Kotzur, Richard <richard.kotzur@exxonmobil.com>; Tacoma Morrissey <tmorrissey@ensolum.com>

[**EXTERNAL EMAIL**]

Your time extension request is approved. Remediation Due date has been updated to March 12, 2026 within the incident page. Ensure that the site characterization/assessment report has been completed and is provided within the final closure report.

Please keep a copy of this communication for inclusion within the appropriate reporting documentation.

The OCD requires a copy of all correspondence related to remedial activities be included in all proposals, weekly/monthly/quarterly/semi-annual/annual, or final closure reports. Correspondence reporting requirements may include, but not limited to, time extension requests, sample event notifications, and variance requests.

If you have any questions, please contact me via email at your convenience.

Thank you,
Scott

Scott Rodgers ● Environmental Specialist – Adv.
Environmental Bureau
EMNRD - Oil Conservation Division
5200 Oakland NE, Suite B | Albuquerque, NM 87113
505.469.1830 | scott.rodgers@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd

From: Woodall, Robert D <robert.d.woodall@exxonmobil.com>
Sent: Friday, December 19, 2025 9:02 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Tran, Quan <quan.tran@exxonmobil.com>; Serrano, Sylvana A <sylvana.m.azana@exxonmobil.com>; Ben Belill

<bbelill@ensolum.com>; Kelly Lowery <klowery@ensolum.com>; Kotzur, Richard <richard.kotzur@exxonmobil.com>; tmorrissey@ensolum.com

Subject: [EXTERNAL] XTO- Extension Request- Muy Wayno 18 Battery - Incident Number nAPP2526631061

XTO- Extension Request- Muy Wayno 18 Battery - Incident Number nAPP2526631061

XTO is providing a remediation status update for a crude oil and produced water release that occurred at the Muy Wayno 18 Battery (Incident Number nAPP2526631061). The release occurred on September 22, 2025. Delineation activities were conducted between September 29 and October 10, 2025. Remediation activities, including additional delineation and excavation, began on December 01, 2025, and to date, 120 cubic yards of impacted soil have been removed. Remaining impacts are immediately adjacent to active production equipment at the Muy Wayno 18 Battery and discussions to complete the safe removal of impacted soil around this equipment and perform additional delineation activities to vertically and laterally define the release extent are ongoing. To allow additional time to identify a safe solution for excavation and completion of remediation activities, XTO requests a 90-day extension until March 12, 2026. XTO will submit a final report following receipt of final laboratory analytical results.

R. Dale Woodall
Project Manager

ExxonMobil Environmental and Property Solutions Company
3104 E. Greene St.
Carlsbad, NM 88220
Cell Phone: 575-988-4374
Robert.D.Woodall@exxonmobil.com

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 561337

QUESTIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 561337
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2526631061**
Incident Name	**NAPP2526631061 MUY WAYNO 18 BATTERY @ FAPP2126038626**
Incident Type	**Produced Water Release**
Incident Status	**Deferral Request Received**
Incident Facility	**[fAPP2126038626] Muy Wayno 18 Battery**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	MUY WAYNO 18 BATTERY
Date Release Discovered	09/22/2025
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure | Valve | Crude Oil | Released: 5 BBL | Recovered: 1 BBL | Lost: 4 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure | Valve | Produced Water | Released: 21 BBL | Recovered: 4 BBL | Lost: 17 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

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QUESTIONS

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

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

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

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

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

I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 03/10/2026

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QUESTIONS (continued)

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QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	11500
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	14704
GRO+DRO (EPA SW-846 Method 8015M)	13970
BTEX (EPA SW-846 Method 8021B or 8260B)	125
Benzene (EPA SW-846 Method 8021B or 8260B)	2.7
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	09/29/2025
On what date will (or did) the final sampling or liner inspection occur	12/04/2025
On what date will (or was) the remediation complete(d)	12/04/2025
What is the estimated surface area (in square feet) that will be reclaimed	3730
What is the estimated volume (in cubic yards) that will be reclaimed	553
What is the estimated surface area (in square feet) that will be remediated	3730
What is the estimated volume (in cubic yards) that will be remediated	553
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 03/10/2026
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	XTO is requesting deferral of final remediation due to the presence of active production equipment including horizontal separating equipment, production piping, and support footings preventing excavation of impacted soil. The impacted soil is limited to the area below active production equipment, where remediation would require a major facility deconstruction. All accessible impacted soil was excavated and/or scraped to the MEP.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	2631
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	390
Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.	
Enter the facility ID (f#) on which this deferral should be granted	fAPP2126038626 Muy Wayno 18 Battery
Enter the well API (30-) on which this deferral should be granted	*Not answered.*
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 03/10/2026

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QUESTIONS (continued)

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QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**551481**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**02/11/2026**
What was the (estimated) number of samples that were to be gathered	**5**
What was the sampling surface area in square feet	**1000**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	Deferral approved. Deferral of PH04a, SS03-SS05a, SS12, SS12a, SS13-SS17 is approved until plugging and abandonment or a major facility deconstruction, whichever comes first. A complete and accurate remediation report and/or reclamation report will need to be submitted at that time.	4/13/2026