



July 28, 2026

New Mexico Oil Conservation Division

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

**Re: Remediation Work Plan
Muy Wayno 18 Battery
Incident Number nAPP2602732475
Eddy County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of XTO Energy, Inc. (XTO), has prepared the following *Remediation Work Plan (Work Plan)* to document assessment and delineation activities completed to date and proposes remedial actions to address impacted soil identified at the Muy Wayno 18 Battery (Site). The purpose of the Site assessment and delineation activities was to determine the presence or absence of impacted soil resulting from the release of produced water at the Site. The following *Work Plan* proposes to excavate accessible impacted soil prior to submitting a *Closure Request*.

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 (32.1283845°, - 103.9275336°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On January 25, 2026, equipment failure from freezing weather on a pipeline resulted in the release of 9.06 barrels (bbls) of produced water onto the surface of the adjacent right-of-way (ROW). No fluids were able to be recovered. XTO reported the release to the New Mexico Oil Conservation Division (NMOCD) via a Notification of Release (NOR) and submitted an Initial C-141 Application (C-141) on January 27, 2026. The release was assigned Incident Number nAPP2602732475.

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 a soil boring drilled for determination of regional groundwater depth. On May 14, 2021, a soil boring permitted by New Mexico Office of the State Engineer, C-4529 was completed approximately 0.35 miles north of the Site utilizing hollow stem auger method. Soil boring C-4529 was drilled to a depth of 101 feet bgs. A field geologist logged and described soils continuously. No moisture or groundwater was encountered during drilling activities. The temporary well was left open for over 72 hours to allow for potential slow infill of groundwater. After the 72-hour waiting period without observing groundwater, it was confirmed that groundwater beneath the Site is greater than 100 feet bgs.

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The borehole was properly abandoned with drill cuttings and hydrated bentonite chips. The Well Record & Log and Plugging Record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a intermittent riverine, located approximately 4,164 feet south of the Site. The Site is greater than 200 feet from any 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 results of the Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

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

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

SITE ASSESSMENT AND SOIL SAMPLING ACTIVITIES

Immediately following the release on January 26, 2026, Ensolum personnel conducted a Site assessment to evaluate the release extent based on visual observations and information provided by XTO. The release extent area was mapped utilizing a handheld Global Positioning System (GPS) unit and is depicted on Figure 2.

On February 11, 2026, Ensolum personnel conducted a Site assessment to evaluate the release extent. Eight assessment soil samples (SS01 through SS08) were collected at a depth of 0.5 feet bgs in and around the release extent. The assessment soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride utilizing Hach® chloride QuanTab® test strips. The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Eurofins Laboratories (Eurofins) in Carlsbad, New Mexico, for analysis of the following contaminants of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300. Soil assessment sample locations are depicted on Figure 2. A photographic log of the initial Site assessment is included in Appendix B.

Between April 14, 2026, and May 12, 2026, Ensolum returned to the Site to oversee delineation activities. Two potholes, PH01 and PH02, were advanced via hand auger and direct-push geoprobe to investigate the vertical extent of the release in the vicinity of assessment soil samples SS01 and SS02, respectively. The potholes were advanced to depths ranging from 16 feet to 19 feet bgs.

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Discrete soil samples were collected from each pothole at depths ranging from 2 feet to 16 feet (PH01) and 19 feet (PH02) bgs. All delineation soil samples were field screened and handled by the same methods as stated above. The delineation soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobb, New Mexico, for analysis of the same COCs as above, however, chloride was analyzed following Standard Method SM4500. A photographic log of delineation activities is included in Appendix B. Field screening results and observations for all potholes were logged on lithologic/soil sampling logs, which are included as Appendix C. The soil sample locations were mapped utilizing a handheld GPS unit and the delineation soil sample locations are depicted on Figure 2.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for all assessment soil samples, excluding SS01, at 0.5 feet bgs, indicated they were in compliance with the reclamation requirement, confirming lateral delineation of the release.

Laboratory analytical results for delineation soil samples PH01 and PH02, from depths of 2 feet to 4 feet bgs, indicated chloride concentrations exceeded the reclamation requirement, but were in compliance with the Closure Criteria at 4 feet bgs. The release is defined to the strictest Closure Criteria by delineation pothole PH01 at 16 feet bgs. Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical report is included in Appendix D.

PROPOSED REMEDIATION WORK PLAN

Site assessment and delineation activities were conducted at the Site to confirm the presence or absence of impacted soil resulting from the January 25, 2026, release of produced water. Based on laboratory analytical results, chloride impacted soil exists across an approximate 990 square-foot area within the release footprint at depths ranging from ground surface to 4 feet bgs. The lateral extent of the release is defined through laboratory analytical results of soil samples SS03 through SS08. The vertical extent of the release is defined through laboratory analytical results of soil samples PH01 and PH02.

XTO proposes completing the following remediation activities:

- Excavation of chloride impacted soil to 4-feet bgs along the ROW. Excavation will proceed laterally until sidewall samples confirm all COC concentrations are compliant with the Closure Criteria as well as reclamation requirements for the top 4 feet, where applicable. The proposed excavation extent is depicted on Figure 3.
- An estimated 160 cubic yards of impacted soil will be excavated. The excavated soil will be transferred to a New Mexico approved landfill facility for disposal.
- The excavation will be backfilled and recontoured to match pre-existing Site conditions, and the pasture area will be reseeded with a BLM-approved seed mixture.

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

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

Sincerely,
Ensolum, LLC



Christopher Wright
Staff Geologist



Tacoma Morrissey, PG (licensed in TX)
Associate Principal, Geologist

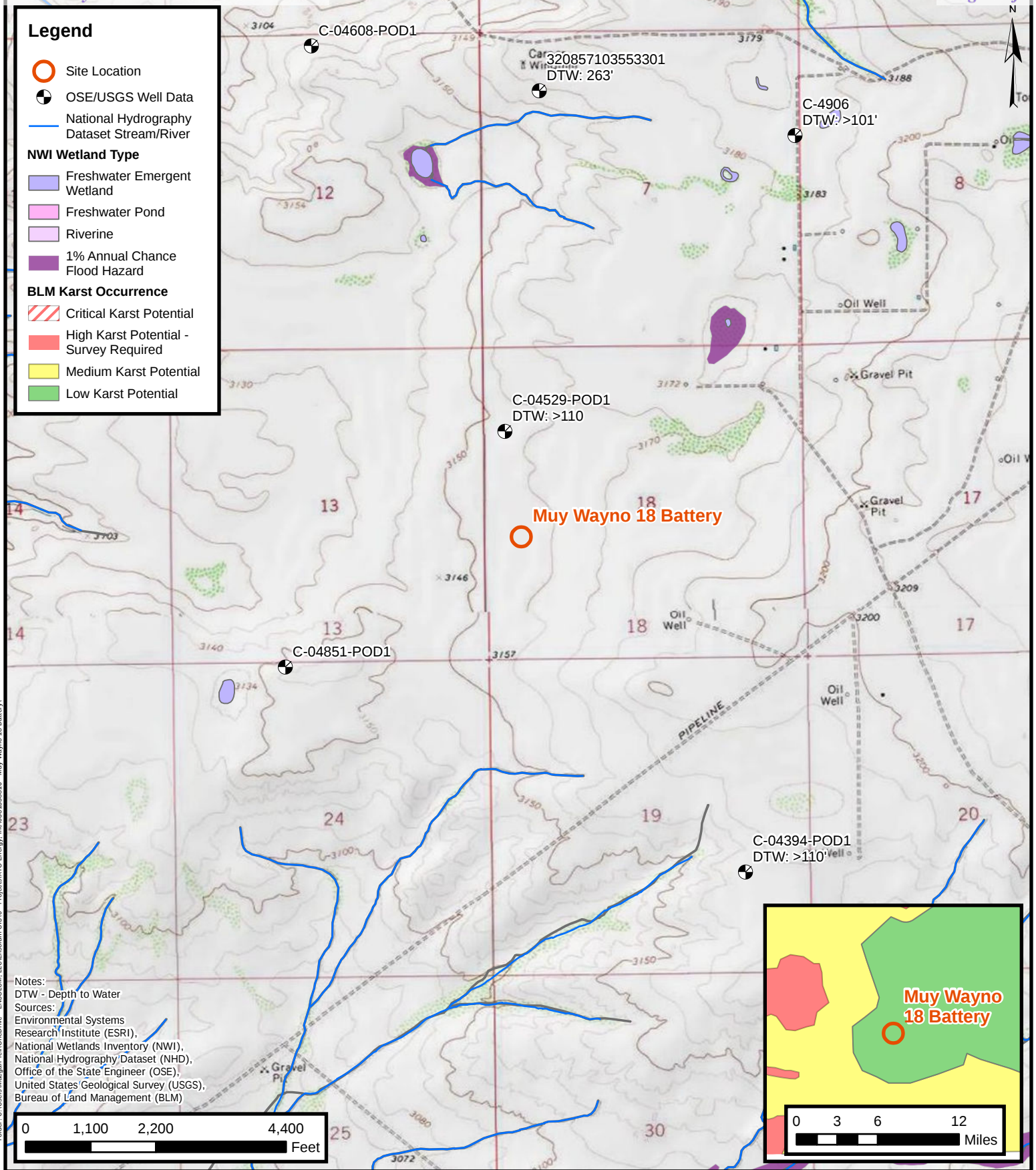
cc: Robert Kotzur, XTO
Dale Woodall, XTO
BLM

Appendices:

Figure 1	Site Receptor Map
Figure 2	Delineation Soil Sample Locations
Figure 3	Proposed Excavation Extent
Table 1	Soil Sample Analytical Results
Appendix A	Referenced Well Records
Appendix B	Photographic Log
Appendix C	Lithologic / Soil Sampling Logs
Appendix D	Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix E	Spill Volume Calculations



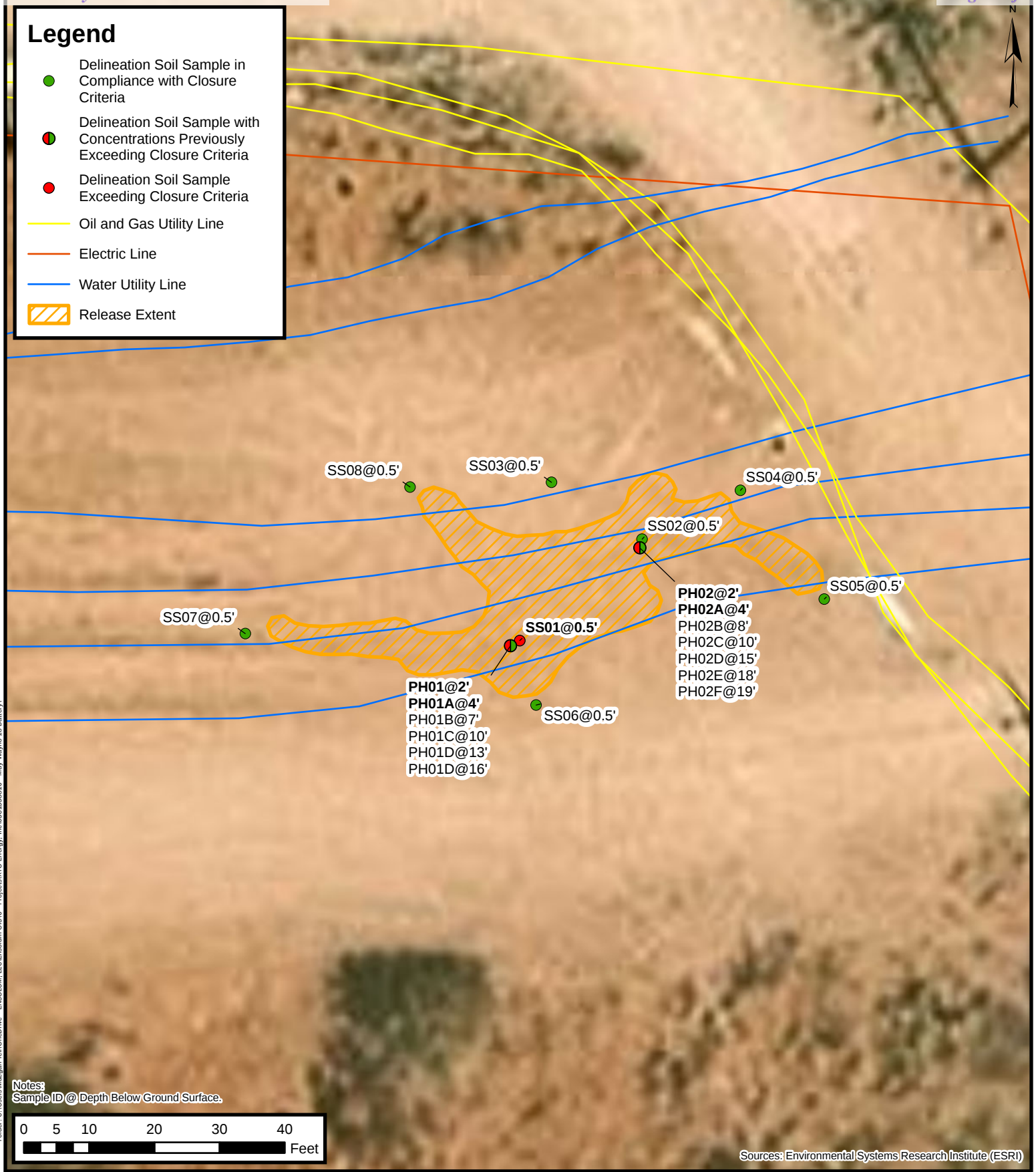
FIGURES



Site Receptor Map

Muy Wayno 18 Battery
XTO Energy, Inc
Incident Number: nAPP2602732475
Unit L, Sec 18, T 25S, R 30E
Eddy County, New Mexico

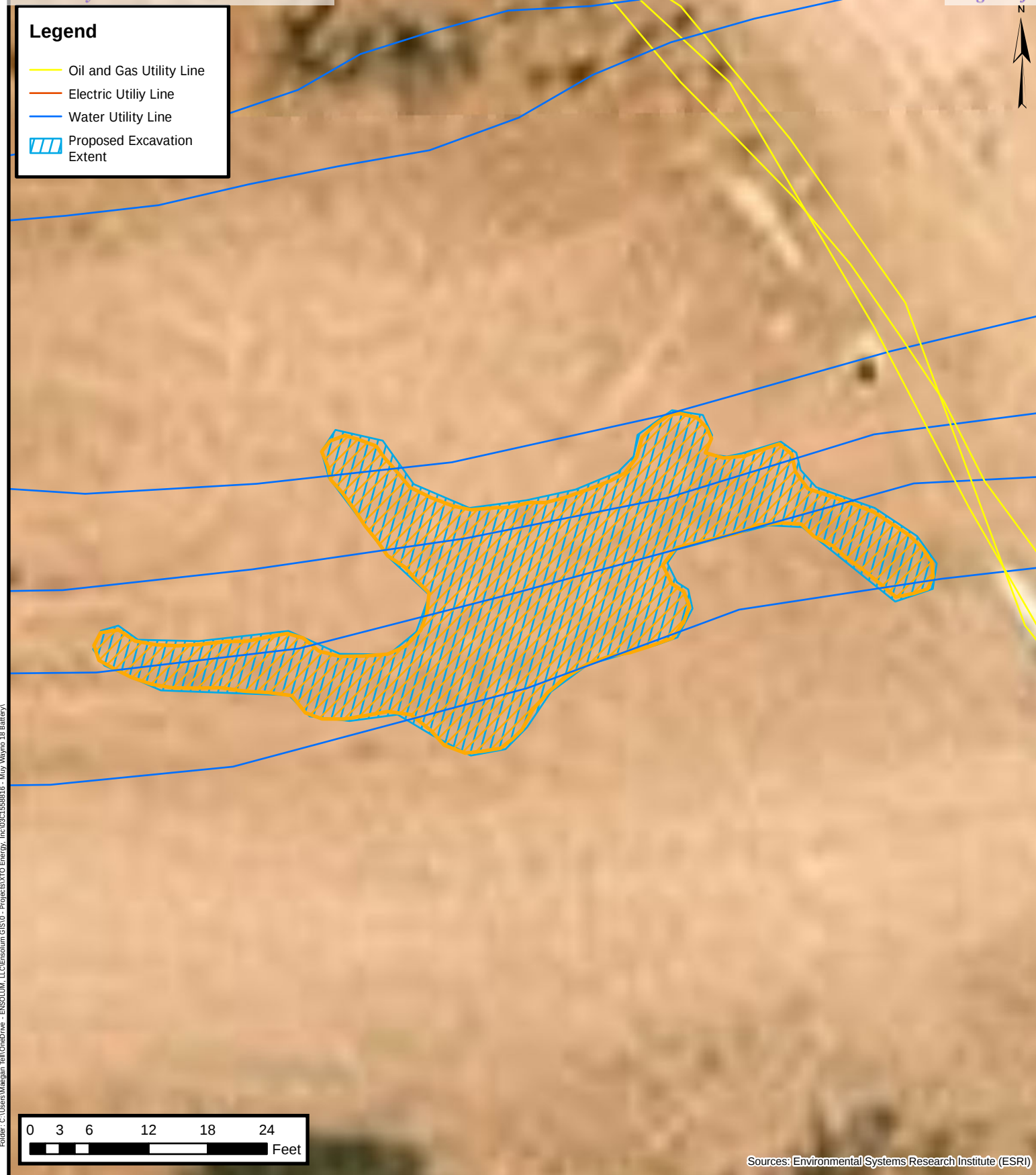
FIGURE
1



Delineation Soil Sample Locations

Muy Wayno 18 Battery
XTO Energy, Inc
Incident Number: nAPP2602732475
Unit L, Sec 18, T 25S, R 30E
Eddy County, New Mexico

FIGURE
2



Proposed Excavation Extent

Muy Wayno 18 Battery
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 Unit L, Sec 18, T 25S, R 30E
 Eddy County, New Mexico

FIGURE
3



TABLES



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
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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
Reclamation Requirement (NMAC 19.15.29)			10	50	NE	NE	NE	NE	100	600
Delineation Soil Samples										
SS01	02/11/2026	0.5	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	3,400
PH01	04/14/2026	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,640
PH01A	04/14/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,480
PH01B	04/15/2026	7	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,800
PH01C	05/12/2026	10	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,120
PH01D	05/12/2026	13	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,800
PH01E	05/12/2026	16	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
SS02	02/11/2026	0.5	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	17.1
PH02	04/14/2026	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,920
PH02A	04/14/2026	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5,600
PH02B	04/15/2026	8	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	10,500
PH02C	05/12/2026	10	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	11,000
PH02D	05/12/2026	15	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7,860
PH02E	05/12/2026	18	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,640
PH02F	05/12/2026	19	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,920
SS03	02/11/2026	0.5	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	10.4
SS04	02/11/2026	0.5	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	<10.1
SS05	02/11/2026	0.5	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	<10.1
SS06	02/11/2026	0.5	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	<9.90
SS07	02/11/2026	0.5	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	<10.1
SS08	02/11/2026	0.5	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	<10.1

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

NMAC: New Mexico Administrative Code



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.) POD1 (MW-1)		WELL TAG ID NO. n/a		OSE FILE NO(S). C-4529			
	WELL OWNER NAME(S) XTO Energy (Kyle Littrell)				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 6401 Holiday Hill Dr.				CITY Midland	STATE TX	ZIP 79707	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32°	MINUTES 8'	SECONDS 2.07" N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND			
	LONGITUDE 103°	55'	42.27" W	* 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. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 05/14/2021		DRILLING ENDED 05/14/2021		DEPTH OF COMPLETED WELL (FT) temporary well material	BORE HOLE DEPTH (FT) 101	DEPTH WATER FIRST ENCOUNTERED (FT) 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)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	101	±6.5	Boring- HSA	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						

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

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	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, dry	Y ✓ N	
	59	73	14	SANDY CLAY, very-fine grained sand, low plasticity, Brown- Red Brown, moist	Y ✓ N	
	73	79	6	CLAYEY SAND, low plasticity, very-fine grained sand, Brown/Red Brown, moist	Y ✓ N	
	79	83	4	SANDY CLAY, very-fine grained sand, low plasticity, Brown- Dark Brown, moist	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	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	
☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER - SPECIFY:						
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:  SIGNATURE OF DRILLER / PRINT SIGNEE NAME Jackie D. Atkins 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

OSE 07 JUN 10 2021 PM 2:46



PLUGGING RECORD



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

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-4529-POD1

Well owner: XTO ENERGY (Kyle Littrell)

Phone No.: 432.682.8873

Mailing address: 6401 Holiday Hill Dr.

City: Midland State: Texas Zip code: 79707

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Jackie D. Atkins (Atkins Engineering Associates Inc.)
- 2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/23
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Shane Eldridge, Carmelo Trevino, Cameron Pruitt
- 4) Date well plugging began: 06/08/2021 Date well plugging concluded: 06/08/2021
- 5) GPS Well Location: Latitude: 32 deg, 8 min, 2.07 sec
Longitude: 103 deg, 55 min, 42.27 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 101 ft below ground level (bgl),
by the following manner: weighted tape
- 7) Static water level measured at initiation of plugging: n/a ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 04/22/2021
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

DSE DIT JUN 10 2021 PM 2:45

- For each interval plugged, describe within the following columns:**

USE OFF JUN 10 2021 PM2:48

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

06/09/2021

Date _____



APPENDIX B

Photographic Log



Photographic Log

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Photograph 1	Date 01/26/2026	Date & Time: Mon, Jan 26, 2026 at 15:17:25 MST Position: +032.128399° / -103.927675° (±5.7m) Altitude: 965m (±6.6m) Datum: WGS-84 Azimuth/Bearing: 088° N88E 1564mils True (±11°) Elevation Angle: -08.2° Horizon Angle: +00.2° Zoom: 1.0X 
Description Initial release		
View East		
Photograph 2	Date 01/26/2026	Date & Time: Mon, Jan 26, 2026 at 15:56:55 MST Position: +032.128362° / -103.927638° (±2.3m) Altitude: 964m (±3.0m) Datum: WGS-84 Azimuth/Bearing: 077° N77E 1369mils True (±11°) Elevation Angle: -16.2° Horizon Angle: -00.2° Zoom: 1.0X 
Description Initial release		
View Northeast		



Photographic Log

XTO Energy, Inc
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<u>Photograph</u> 3	<u>Date</u> 01/26/2026	Date & Time: Mon, Jan 26, 2026 at 15:57:41 MST Position: +032.128440° / -103.927503° (±4.6m) Altitude: 964m (±3.9m) Datum: WGS-84 Azimuth/Bearing: 204° S24W 3627mils True (±11°) Elevation Angle: -22.3° Horizon Angle: -02.3° Zoom: 1.0X 
<u>Description</u> Initial release – Point of Release		
<u>View</u> Southwest		

<u>Photograph</u> 4	<u>Date</u> 01/26/2026	Date & Time: Mon, Jan 26, 2026 at 15:57:33 MST Position: +032.128406° / -103.927540° (±4.3m) Altitude: 964m (±3.2m) Datum: WGS-84 Azimuth/Bearing: 074° N74E 1316mils True (±11°) Elevation Angle: -32.7° Horizon Angle: -01.0° Zoom: 1.0X 
<u>Description</u> Initial release – Point of Release		
<u>View</u> Northeast		



Photographic Log

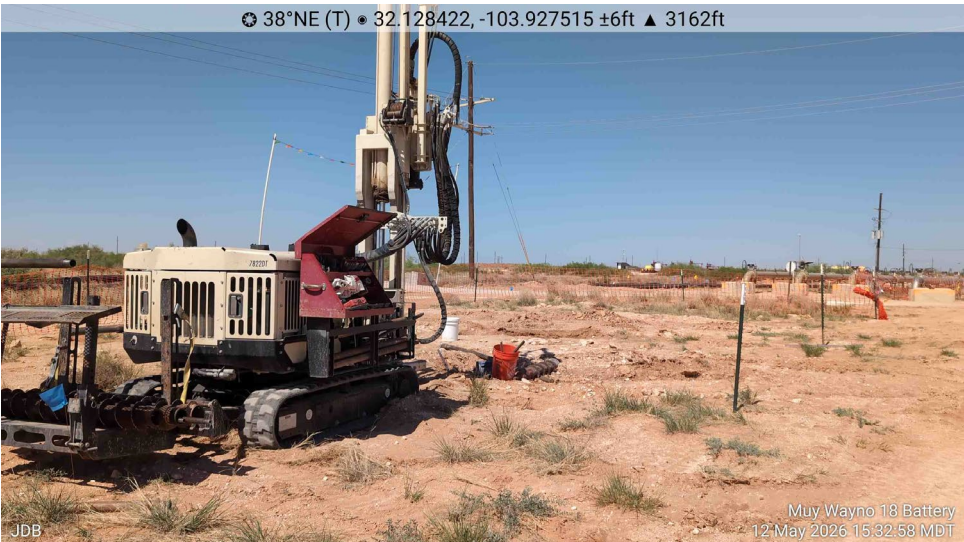
XTO Energy, Inc
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Photograph 5	Date 04/14/2026	Date & Time: Tue, Apr 14, 2026 at 15:39:06 MDT Position: +062.128357° / -108.927573° (±21.0ft) Altitude: 3168ft (±19.4ft) Datum: WGS-84 Azimuth/Bearing: 031° N31E 0551mils True (±1.1°) Ensolum 
Description Delineation, PH02		
View Northeast		
Photograph 6	Date 04/14/2026	Date & Time: Tue, Apr 14, 2026 at 15:39:14 MDT Position: +062.128339° / -108.927559° (±22.8ft) Altitude: 3166ft (±20.9ft) Datum: WGS-84 Azimuth/Bearing: 354° N86W 6293mils True (±1.1°) Ensolum 
Description Delineation, PH01 area		
View North		

**Photographic Log**

XTO Energy, Inc
Muy Wayno 18 Battery
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Photograph 7	Date 05/12/2026	351°N (T) • 32.128354, -103.927499 ±19ft ▲ 3172ft  JDB Muy Wayno 18 Battery 12 May 2026 14:51:20 MDT
Description Geoprobe delineation activities, PH02		
View North		

Photograph 8	Date 05/12/2026	38°NE (T) • 32.128422, -103.927515 ±6ft ▲ 3162ft  JDB Muy Wayno 18 Battery 12 May 2026 15:32:58 MDT
Description Geoprobe delineation activities, PH01		
View Northeast		



APPENDIX C

Lithologic Soil Sampling Logs

 ENSOLUM								Sample Name: SS01/PH01		Date: 2/11 to 5/12/2026	
								Site Name: Muy Wayno 18 Battery			
								Incident Number: nAPP2602732475			
								Job Number: 03C1558816			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: CJ, JDB		Method: DPT Geoprobe	
Coordinates: 32.128368, -103.927542								Hole Diameter: 2"		Total Depth: 16'	
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 25% correction factor is included for chloride.											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D	>3,539	0.8	N	SS01	0.5	0	SM	0 -4': Red-brown coarse to fine grained sands with little silt and limestone gravel (0.2-4 cm, subangular to subrounded). Cohesive, non to low plasticity. Secondary gypsum. Poorly graded.			
D	5,079	1.0	N			1					
D	5,504	1.3	N	PH01	2	2					
D	3,068	1.2	N			3					
D	7,571	1.4	N	PH01A	4	4	SC	4' - 9': Red-brown to tan medium to fine grained sands with little silt, clay. Little caliche gravels (0.2-5cm, subangular). Cohesive, low to medium plasticity. Poorly graded.			
D	9,094	1.7	N			5					
D	4,788	2.8	N			6					
D	6,143	2.2	N	PH01B	7	7					
D	2,096		N			8	SM	9' - 16': Beige fine grained sands with little silt. Cohesive, non-plastic. Well graded.			
D			N			9					
D	3,354		N	PH01C	10	10					
D	3,147		N			11					
D	3,976		N			12	SM				
D	3,147		N	PH01D	13	13					
D	1,008		N			14					
D	571		N			15					
D	347		N	PH01E	16	16					
Total Depth @ 16' bgs											

 ENSOLUM								Sample Name: SS02/PH02		Date: 2/11 to 5/12/2026	
								Site Name: Muy Wayno 18 Battery			
								Incident Number: nAPP2602732475			
								Job Number: 03C1558816			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: CJ, JDB		Method: DPT Geoprobe	
Coordinates: 32.128409, -103.927477								Hole Diameter: 2"		Total Depth: 19'	
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 25% correction factor is included for chloride.											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D	<179	1.6	N	SS02	0.5	0	SM	0 - 4': Red-brown coarse to fine grained sands with little silt and limestone gravel (0.2-4 cm, subangular to subrounded). Cohesive, non to low plasticity. Secondary gypsum. Poorly graded.			
D	3,052	1.7	N			1					
D	5,163	1.3	N	PH02	2	2					
D	6,456	3.9	N			3					
D	6,988	10.9	N	PH02A	4	4	SC	4' - 9': Red-brown to tan medium to fine grained sands with little silt, clay. Little caliche gravels (0.2-5cm, subangular). Cohesive, low to medium plasticity. Poorly graded.			
D	8,416	2.0	N			5					
D	7,789	2.2	N			6					
D	9,828	1.5	N			7					
D	14,604	2.5	N	PH02B	8	8	SM	9' - 16': Beige fine grained sands with little silt. Cohesive, non-plastic. Well graded.			
D	12,432	4.0	N			9					
D	13,462	3.0	N	PH02C	10	10					
D	11,485	2.0	N			11	SW	16' - 19': Red-brown, black sands with silts. Non-cohesive. Well graded.			
D		2.3	N			12					
D	8,416	2.0	N			13					
D	9,094	2.5	N			14					
D	9,828	2.4	N	PH02D		15	SW	16' - 19': Red-brown, black sands with silts. Non-cohesive. Well graded.			
D	8,416	0.7	N			16					
D	7,789	1.4	N			17					
D	7,201	1.9	N	PH02E		18					
D	6,143	1.0	N	PH02F		19					
Total Depth @ 19' bgs											



APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Tracy Hillard

Ensolum

601 N. Marienfeld St.

Suite 400

Midland, Texas 79701

Generated 2/19/2026 2:09:24 PM

JOB DESCRIPTION

MUY WAYNO 18 BATTERY

03C1558816

JOB NUMBER

890-9496-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

Eurofins Carlsbad

Job Notes

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

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

Authorization



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

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Laboratory Job ID: 890-9496-1
SDG: 03C1558816

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Definitions/Glossary

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9496-1
SDG: 03C1558816

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Ensolum
Project: MUY WAYNO 18 BATTERY

Job ID: 890-9496-1

Job ID: 890-9496-1

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Job Narrative 890-9496-1

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 01 (890-9496-1), SS 02 (890-9496-2), SS 03 (890-9496-3), SS 04 (890-9496-4), SS 05 (890-9496-5), SS 06 (890-9496-6), SS 07 (890-9496-7) and SS 08 (890-9496-8).

GC VOA

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-131805 and analytical batch 880-132162 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 05 (890-9496-5), SS 07 (890-9496-7), SS 08 (890-9496-8), (CCV 880-132162/51), (890-9470-A-1-E), (890-9470-A-1-C MS) and (890-9470-A-1-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-131805 and analytical batch 880-132162 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: SS 03 (890-9496-3), (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.

HPLC/IC

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-131671 and analytical batch 880-131969 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

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Case Narrative

Client: Ensolum
Project: MUY WAYNO 18 BATTERY

Job ID: 890-9496-1

Job ID: 890-9496-1 (Continued) **Eurofins Carlsbad**

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Client Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9496-1
SDG: 03C1558816

Client Sample ID: SS 01

Lab Sample ID: 890-9496-1

Date Collected: 02/11/26 11:45

Matrix: Solid

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		02/13/26 16:31	02/19/26 04:04	1
Toluene	<0.00199	U	0.00199	mg/Kg		02/13/26 16:31	02/19/26 04:04	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		02/13/26 16:31	02/19/26 04:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		02/13/26 16:31	02/19/26 04:04	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		02/13/26 16:31	02/19/26 04:04	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		02/13/26 16:31	02/19/26 04:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	02/13/26 16:31	02/19/26 04:04	1
1,4-Difluorobenzene (Surr)	85		70 - 130	02/13/26 16:31	02/19/26 04:04	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 04:04	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			02/19/26 03:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		02/12/26 12:29	02/19/26 03:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		02/12/26 12:29	02/19/26 03:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		02/12/26 12:29	02/19/26 03:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130	02/12/26 12:29	02/19/26 03:05	1
o-Terphenyl	121		70 - 130	02/12/26 12:29	02/19/26 03:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3400		50.3	mg/Kg			02/16/26 12:58	5

Client Sample ID: SS 02

Lab Sample ID: 890-9496-2

Date Collected: 02/11/26 11:48

Matrix: Solid

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		02/13/26 16:31	02/19/26 04:25	1
Toluene	<0.00198	U	0.00198	mg/Kg		02/13/26 16:31	02/19/26 04:25	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		02/13/26 16:31	02/19/26 04:25	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		02/13/26 16:31	02/19/26 04:25	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		02/13/26 16:31	02/19/26 04:25	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		02/13/26 16:31	02/19/26 04:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	02/13/26 16:31	02/19/26 04:25	1

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Client Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9496-1
SDG: 03C1558816

Client Sample ID: SS 02

Lab Sample ID: 890-9496-2

Date Collected: 02/11/26 11:48

Matrix: Solid

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)	88		70 - 130	02/13/26 16:31	02/19/26 04:25	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 04:25	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 03:20	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	<50.0	U	50.0	mg/Kg		02/12/26 12:29	02/19/26 03:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/12/26 12:29	02/19/26 03:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/12/26 12:29	02/19/26 03:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130			02/12/26 12:29	02/19/26 03:20	1
o-Terphenyl	115		70 - 130			02/12/26 12:29	02/19/26 03:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.1		10.0	mg/Kg			02/16/26 13:14	1

Client Sample ID: SS 03

Lab Sample ID: 890-9496-3

Date Collected: 02/11/26 12:21

Matrix: Solid

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		02/13/26 16:31	02/19/26 04:45	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/13/26 16:31	02/19/26 04:45	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/13/26 16:31	02/19/26 04:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		02/13/26 16:31	02/19/26 04:45	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/13/26 16:31	02/19/26 04:45	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/13/26 16:31	02/19/26 04:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	02/13/26 16:31	02/19/26 04:45	1
1,4-Difluorobenzene (Surr)	78		70 - 130	02/13/26 16:31	02/19/26 04:45	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 04:45	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			02/19/26 03:35	1

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Client Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9496-1
SDG: 03C1558816

Client Sample ID: SS 03

Lab Sample ID: 890-9496-3

Date Collected: 02/11/26 12:21

Matrix: Solid

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	<49.9	U	49.9	mg/Kg		02/12/26 12:29	02/19/26 03:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		02/12/26 12:29	02/19/26 03:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		02/12/26 12:29	02/19/26 03:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130			02/12/26 12:29	02/19/26 03:35	1
o-Terphenyl	124		70 - 130			02/12/26 12:29	02/19/26 03:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.4		9.98	mg/Kg			02/16/26 13:19	1

Client Sample ID: SS 04

Lab Sample ID: 890-9496-4

Date Collected: 02/11/26 11:52

Matrix: Solid

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		02/13/26 16:31	02/19/26 05:06	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/13/26 16:31	02/19/26 05:06	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/13/26 16:31	02/19/26 05:06	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		02/13/26 16:31	02/19/26 05:06	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/13/26 16:31	02/19/26 05:06	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		02/13/26 16:31	02/19/26 05:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130			02/13/26 16:31	02/19/26 05:06	1
1,4-Difluorobenzene (Surr)	92		70 - 130			02/13/26 16:31	02/19/26 05:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			02/19/26 05:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			02/19/26 03:50	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		02/12/26 12:29	02/19/26 03:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		02/12/26 12:29	02/19/26 03:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		02/12/26 12:29	02/19/26 03:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130			02/12/26 12:29	02/19/26 03:50	1
o-Terphenyl	114		70 - 130			02/12/26 12:29	02/19/26 03:50	1

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Client Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9496-1
SDG: 03C1558816

Client Sample ID: SS 04

Lab Sample ID: 890-9496-4

Date Collected: 02/11/26 11:52

Matrix: Solid

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	<10.1	U	10.1	mg/Kg			02/16/26 23:10	1

Client Sample ID: SS 05

Lab Sample ID: 890-9496-5

Date Collected: 02/11/26 11:54

Matrix: Solid

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		02/13/26 16:31	02/19/26 05:27	1
Toluene	<0.00201	U	0.00201	mg/Kg		02/13/26 16:31	02/19/26 05:27	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		02/13/26 16:31	02/19/26 05:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		02/13/26 16:31	02/19/26 05:27	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		02/13/26 16:31	02/19/26 05:27	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		02/13/26 16:31	02/19/26 05:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130			02/13/26 16:31	02/19/26 05:27	1
1,4-Difluorobenzene (Surr)	113		70 - 130			02/13/26 16:31	02/19/26 05:27	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 05:27	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 04:05	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 04:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/12/26 12:29	02/19/26 04:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/12/26 12:29	02/19/26 04:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130			02/12/26 12:29	02/19/26 04:05	1
o-Terphenyl	116		70 - 130			02/12/26 12:29	02/19/26 04:05	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 23:17	1

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Client Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9496-1
SDG: 03C1558816

Client Sample ID: SS 06

Lab Sample ID: 890-9496-6

Date Collected: 02/11/26 11:56

Matrix: Solid

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	<0.00202	U **	0.00202	mg/Kg		02/13/26 16:31	02/19/26 05:47	1
Toluene	<0.00202	U	0.00202	mg/Kg		02/13/26 16:31	02/19/26 05:47	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		02/13/26 16:31	02/19/26 05:47	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		02/13/26 16:31	02/19/26 05:47	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		02/13/26 16:31	02/19/26 05:47	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		02/13/26 16:31	02/19/26 05:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	02/13/26 16:31	02/19/26 05:47	1
1,4-Difluorobenzene (Surr)	89		70 - 130	02/13/26 16:31	02/19/26 05:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			02/19/26 05:47	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 04:21	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		02/12/26 12:29	02/19/26 04:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/12/26 12:29	02/19/26 04:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/12/26 12:29	02/19/26 04:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130	02/12/26 12:29	02/19/26 04:21	1
o-Terphenyl	115		70 - 130	02/12/26 12:29	02/19/26 04:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90	mg/Kg			02/16/26 23:24	1

Client Sample ID: SS 07

Lab Sample ID: 890-9496-7

Date Collected: 02/11/26 11:58

Matrix: Solid

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		02/13/26 16:31	02/19/26 06:08	1
Toluene	<0.00199	U	0.00199	mg/Kg		02/13/26 16:31	02/19/26 06:08	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		02/13/26 16:31	02/19/26 06:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		02/13/26 16:31	02/19/26 06:08	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		02/13/26 16:31	02/19/26 06:08	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		02/13/26 16:31	02/19/26 06:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	153	S1+	70 - 130	02/13/26 16:31	02/19/26 06:08	1

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Client Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9496-1
SDG: 03C1558816

Client Sample ID: SS 07

Lab Sample ID: 890-9496-7

Date Collected: 02/11/26 11:58

Matrix: Solid

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)	92		70 - 130	02/13/26 16:31	02/19/26 06:08	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 06:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			02/19/26 04:36	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	<49.8	U	49.8	mg/Kg		02/12/26 12:29	02/19/26 04:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		02/12/26 12:29	02/19/26 04:36	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		02/12/26 12:29	02/19/26 04:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130			02/12/26 12:29	02/19/26 04:36	1
o-Terphenyl	118		70 - 130			02/12/26 12:29	02/19/26 04:36	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 23:30	1

Client Sample ID: SS 08

Lab Sample ID: 890-9496-8

Date Collected: 02/11/26 12:00

Matrix: Solid

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		02/13/26 16:31	02/19/26 06:29	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/13/26 16:31	02/19/26 06:29	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/13/26 16:31	02/19/26 06:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		02/13/26 16:31	02/19/26 06:29	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/13/26 16:31	02/19/26 06:29	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		02/13/26 16:31	02/19/26 06:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130	02/13/26 16:31	02/19/26 06:29	1
1,4-Difluorobenzene (Surr)	89		70 - 130	02/13/26 16:31	02/19/26 06:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			02/19/26 06:29	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			02/19/26 04:52	1

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Client Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9496-1
SDG: 03C1558816

Client Sample ID: SS 08

Lab Sample ID: 890-9496-8

Date Collected: 02/11/26 12:00

Matrix: Solid

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	<49.8	U	49.8	mg/Kg		02/12/26 12:29	02/19/26 04:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		02/12/26 12:29	02/19/26 04:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		02/12/26 12:29	02/19/26 04:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130			02/12/26 12:29	02/19/26 04:52	1
o-Terphenyl	105		70 - 130			02/12/26 12:29	02/19/26 04:52	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 23:37	1

Surrogate Summary

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9496-1
SDG: 03C1558816

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-9470-A-1-C MS	Matrix Spike	140 S1+	87
890-9470-A-1-D MSD	Matrix Spike Duplicate	134 S1+	80
890-9496-1	SS 01	125	85
890-9496-2	SS 02	115	88
890-9496-3	SS 03	106	78
890-9496-4	SS 04	121	92
890-9496-5	SS 05	171 S1+	113
890-9496-6	SS 06	123	89
890-9496-7	SS 07	153 S1+	92
890-9496-8	SS 08	140 S1+	89
LCS 880-131805/1-A	Lab Control Sample	115	87
LCSD 880-131805/2-A	Lab Control Sample Dup	101	82
MB 880-131805/5-A	Method Blank	134 S1+	83
MB 880-132225/5-A	Method Blank	127	84
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
890-9496-1	SS 01	124	121
890-9496-2	SS 02	118	115
890-9496-3	SS 03	131 S1+	124
890-9496-4	SS 04	120	114
890-9496-5	SS 05	125	116
890-9496-6	SS 06	129	115
890-9496-7	SS 07	126	118
890-9496-8	SS 08	111	105
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			

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QC Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9496-1
SDG: 03C1558816

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-131805/5-A

Matrix: Solid

Analysis Batch: 132162

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 131805

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/13/26 16:31	02/18/26 22:21	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/13/26 16:31	02/18/26 22:21	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/13/26 16:31	02/18/26 22:21	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		02/13/26 16:31	02/18/26 22:21	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/13/26 16:31	02/18/26 22:21	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/13/26 16:31	02/18/26 22:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	02/13/26 16:31	02/18/26 22:21	1
1,4-Difluorobenzene (Surr)	83		70 - 130	02/13/26 16:31	02/18/26 22:21	1

Lab Sample ID: LCS 880-131805/1-A

Matrix: Solid

Analysis Batch: 132162

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 131805

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1333	*+	mg/Kg		133	70 - 130
Toluene	0.100	0.1185		mg/Kg		118	70 - 130
Ethylbenzene	0.100	0.1248		mg/Kg		125	70 - 130
m-Xylene & p-Xylene	0.200	0.2095		mg/Kg		105	70 - 130
o-Xylene	0.100	0.1029		mg/Kg		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: LCSD 880-131805/2-A

Matrix: Solid

Analysis Batch: 132162

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 131805

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1203		mg/Kg		120	70 - 130	10	35
Toluene	0.100	0.1100		mg/Kg		110	70 - 130	7	35
Ethylbenzene	0.100	0.1049		mg/Kg		105	70 - 130	17	35
m-Xylene & p-Xylene	0.200	0.1688		mg/Kg		84	70 - 130	21	35
o-Xylene	0.100	0.08521		mg/Kg		85	70 - 130	19	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	82		70 - 130

Lab Sample ID: 890-9470-A-1-C MS

Matrix: Solid

Analysis Batch: 132162

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 131805

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U *	0.100	0.1014		mg/Kg		101	70 - 130
Toluene	<0.00200	U	0.100	0.09464		mg/Kg		95	70 - 130

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QC Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9496-1
SDG: 03C1558816

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

Lab Sample ID: 890-9470-A-1-C MS

Matrix: Solid

Analysis Batch: 132162

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 131805

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.07737		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1414		mg/Kg		71	70 - 130
o-Xylene	<0.00200	U	0.100	0.07442		mg/Kg		74	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: 890-9470-A-1-D MSD

Matrix: Solid

Analysis Batch: 132162

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 131805

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	0.09689		mg/Kg		97	70 - 130	5	35
Toluene	<0.00200	U	0.100	0.1066		mg/Kg		107	70 - 130	12	35
Ethylbenzene	<0.00200	U	0.100	0.07697		mg/Kg		77	70 - 130	1	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1686		mg/Kg		84	70 - 130	18	35
o-Xylene	<0.00200	U	0.100	0.09991		mg/Kg		100	70 - 130	29	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130
1,4-Difluorobenzene (Surr)	80		70 - 130

Lab Sample ID: MB 880-132225/5-A

Matrix: Solid

Analysis Batch: 132162

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 132225

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/18/26 07:00	02/18/26 11:20	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/18/26 07:00	02/18/26 11:20	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/18/26 07:00	02/18/26 11:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		02/18/26 07:00	02/18/26 11:20	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/18/26 07:00	02/18/26 11:20	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/18/26 07:00	02/18/26 11:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	02/18/26 07:00	02/18/26 11:20	1
1,4-Difluorobenzene (Surr)	84		70 - 130	02/18/26 07:00	02/18/26 11:20	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

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QC Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9496-1
SDG: 03C1558816

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

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
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

Lab Sample ID: LCS 880-131617/2-A

Matrix: Solid

Analysis Batch: 132165

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Matrix: Solid

Analysis Batch: 132165

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

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

Matrix: Solid

Analysis Batch: 132165

Client Sample ID: Matrix Spike

Prep Type: Total/NA

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						

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QC Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9496-1
SDG: 03C1558816

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

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								
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-A-4-C MS

Matrix: Solid

Analysis Batch: 131875

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	64.6		249	319.1		mg/Kg		102	90 - 110

Lab Sample ID: 890-9493-A-4-D MSD

Matrix: Solid

Analysis Batch: 131875

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	64.6		249	318.8		mg/Kg		102	90 - 110	0	20

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QC Sample Results

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9496-1
SDG: 03C1558816

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-131671/1-A

Matrix: Solid

Analysis Batch: 131969

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 21:50	1

Lab Sample ID: LCS 880-131671/2-A

Matrix: Solid

Analysis Batch: 131969

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	247.4		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-131671/3-A

Matrix: Solid

Analysis Batch: 131969

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	244.2		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 890-9497-A-1-C MS

Matrix: Solid

Analysis Batch: 131969

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	615	F1	248	825.8	F1	mg/Kg		85	90 - 110

Lab Sample ID: 890-9497-A-1-D MSD

Matrix: Solid

Analysis Batch: 131969

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	615	F1	248	830.5	F1	mg/Kg		87	90 - 110	1	20

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QC Association Summary

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9496-1
SDG: 03C1558816

GC VOA

Prep Batch: 131805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9496-1	SS 01	Total/NA	Solid	5035	
890-9496-2	SS 02	Total/NA	Solid	5035	
890-9496-3	SS 03	Total/NA	Solid	5035	
890-9496-4	SS 04	Total/NA	Solid	5035	
890-9496-5	SS 05	Total/NA	Solid	5035	
890-9496-6	SS 06	Total/NA	Solid	5035	
890-9496-7	SS 07	Total/NA	Solid	5035	
890-9496-8	SS 08	Total/NA	Solid	5035	
MB 880-131805/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131805/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131805/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9470-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-9470-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 132162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9496-1	SS 01	Total/NA	Solid	8021B	131805
890-9496-2	SS 02	Total/NA	Solid	8021B	131805
890-9496-3	SS 03	Total/NA	Solid	8021B	131805
890-9496-4	SS 04	Total/NA	Solid	8021B	131805
890-9496-5	SS 05	Total/NA	Solid	8021B	131805
890-9496-6	SS 06	Total/NA	Solid	8021B	131805
890-9496-7	SS 07	Total/NA	Solid	8021B	131805
890-9496-8	SS 08	Total/NA	Solid	8021B	131805
MB 880-131805/5-A	Method Blank	Total/NA	Solid	8021B	131805
MB 880-132225/5-A	Method Blank	Total/NA	Solid	8021B	132225
LCS 880-131805/1-A	Lab Control Sample	Total/NA	Solid	8021B	131805
LCSD 880-131805/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131805
890-9470-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	131805
890-9470-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	131805

Prep Batch: 132225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-132225/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 132408

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9496-1	SS 01	Total/NA	Solid	Total BTEX	
890-9496-2	SS 02	Total/NA	Solid	Total BTEX	
890-9496-3	SS 03	Total/NA	Solid	Total BTEX	
890-9496-4	SS 04	Total/NA	Solid	Total BTEX	
890-9496-5	SS 05	Total/NA	Solid	Total BTEX	
890-9496-6	SS 06	Total/NA	Solid	Total BTEX	
890-9496-7	SS 07	Total/NA	Solid	Total BTEX	
890-9496-8	SS 08	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 131617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9496-1	SS 01	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9496-1
SDG: 03C1558816

GC Semi VOA (Continued)

Prep Batch: 131617 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9496-2	SS 02	Total/NA	Solid	8015NM Prep	
890-9496-3	SS 03	Total/NA	Solid	8015NM Prep	
890-9496-4	SS 04	Total/NA	Solid	8015NM Prep	
890-9496-5	SS 05	Total/NA	Solid	8015NM Prep	
890-9496-6	SS 06	Total/NA	Solid	8015NM Prep	
890-9496-7	SS 07	Total/NA	Solid	8015NM Prep	
890-9496-8	SS 08	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
890-9496-1	SS 01	Total/NA	Solid	8015B NM	131617
890-9496-2	SS 02	Total/NA	Solid	8015B NM	131617
890-9496-3	SS 03	Total/NA	Solid	8015B NM	131617
890-9496-4	SS 04	Total/NA	Solid	8015B NM	131617
890-9496-5	SS 05	Total/NA	Solid	8015B NM	131617
890-9496-6	SS 06	Total/NA	Solid	8015B NM	131617
890-9496-7	SS 07	Total/NA	Solid	8015B NM	131617
890-9496-8	SS 08	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: 132379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9496-1	SS 01	Total/NA	Solid	8015 NM	
890-9496-2	SS 02	Total/NA	Solid	8015 NM	
890-9496-3	SS 03	Total/NA	Solid	8015 NM	
890-9496-4	SS 04	Total/NA	Solid	8015 NM	
890-9496-5	SS 05	Total/NA	Solid	8015 NM	
890-9496-6	SS 06	Total/NA	Solid	8015 NM	
890-9496-7	SS 07	Total/NA	Solid	8015 NM	
890-9496-8	SS 08	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 131671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9496-4	SS 04	Soluble	Solid	DI Leach	
890-9496-5	SS 05	Soluble	Solid	DI Leach	
890-9496-6	SS 06	Soluble	Solid	DI Leach	
890-9496-7	SS 07	Soluble	Solid	DI Leach	
890-9496-8	SS 08	Soluble	Solid	DI Leach	
MB 880-131671/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131671/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9496-1
SDG: 03C1558816

HPLC/IC (Continued)

Leach Batch: 131671 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-131671/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9497-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9497-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 131759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9496-1	SS 01	Soluble	Solid	DI Leach	
890-9496-2	SS 02	Soluble	Solid	DI Leach	
890-9496-3	SS 03	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-A-4-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9493-A-4-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 131875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9496-1	SS 01	Soluble	Solid	300.0	131759
890-9496-2	SS 02	Soluble	Solid	300.0	131759
890-9496-3	SS 03	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-A-4-C MS	Matrix Spike	Soluble	Solid	300.0	131759
890-9493-A-4-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	131759

Analysis Batch: 131969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9496-4	SS 04	Soluble	Solid	300.0	131671
890-9496-5	SS 05	Soluble	Solid	300.0	131671
890-9496-6	SS 06	Soluble	Solid	300.0	131671
890-9496-7	SS 07	Soluble	Solid	300.0	131671
890-9496-8	SS 08	Soluble	Solid	300.0	131671
MB 880-131671/1-A	Method Blank	Soluble	Solid	300.0	131671
LCS 880-131671/2-A	Lab Control Sample	Soluble	Solid	300.0	131671
LCSD 880-131671/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131671
890-9497-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	131671
890-9497-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	131671

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Lab Chronicle

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9496-1
SDG: 03C1558816

Client Sample ID: SS 01
Date Collected: 02/11/26 11:45
Date Received: 02/11/26 14:50

Lab Sample ID: 890-9496-1
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	131805	02/13/26 16:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132162	02/19/26 04:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132408	02/19/26 04:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			132379	02/19/26 03:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 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 03:05	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		5			131875	02/16/26 12:58	CS	EET MID

Client Sample ID: SS 02
Date Collected: 02/11/26 11:48
Date Received: 02/11/26 14:50

Lab Sample ID: 890-9496-2
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			5.05 g	5 mL	131805	02/13/26 16:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132162	02/19/26 04:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132408	02/19/26 04:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			132379	02/19/26 03:20	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 03:20	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131759	02/13/26 13:35	SI	EET MID
Soluble	Analysis	300.0		1			131875	02/16/26 13:14	CS	EET MID

Client Sample ID: SS 03
Date Collected: 02/11/26 12:21
Date Received: 02/11/26 14:50

Lab Sample ID: 890-9496-3
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			5.00 g	5 mL	131805	02/13/26 16:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132162	02/19/26 04:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132408	02/19/26 04:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			132379	02/19/26 03:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 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 03:35	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131759	02/13/26 13:35	SI	EET MID
Soluble	Analysis	300.0		1			131875	02/16/26 13:19	CS	EET MID

Client Sample ID: SS 04
Date Collected: 02/11/26 11:52
Date Received: 02/11/26 14:50

Lab Sample ID: 890-9496-4
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			5.01 g	5 mL	131805	02/13/26 16:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132162	02/19/26 05:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132408	02/19/26 05:06	SA	EET MID

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Lab Chronicle

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9496-1
SDG: 03C1558816

Client Sample ID: SS 04**Lab Sample ID: 890-9496-4****Date Collected: 02/11/26 11:52****Matrix: Solid****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			132379	02/19/26 03:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 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 03:50	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131671	02/12/26 16:28	SI	EET MID
Soluble	Analysis	300.0		1			131969	02/16/26 23:10	CS	EET MID

Client Sample ID: SS 05**Lab Sample ID: 890-9496-5****Date Collected: 02/11/26 11:54****Matrix: Solid****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			4.98 g	5 mL	131805	02/13/26 16:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132162	02/19/26 05:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132408	02/19/26 05:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			132379	02/19/26 04:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 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 04:05	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131671	02/12/26 16:28	SI	EET MID
Soluble	Analysis	300.0		1			131969	02/16/26 23:17	CS	EET MID

Client Sample ID: SS 06**Lab Sample ID: 890-9496-6****Date Collected: 02/11/26 11:56****Matrix: Solid****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			4.95 g	5 mL	131805	02/13/26 16:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132162	02/19/26 05:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132408	02/19/26 05:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			132379	02/19/26 04:21	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 04:21	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131671	02/12/26 16:28	SI	EET MID
Soluble	Analysis	300.0		1			131969	02/16/26 23:24	CS	EET MID

Client Sample ID: SS 07**Lab Sample ID: 890-9496-7****Date Collected: 02/11/26 11:58****Matrix: Solid****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			5.03 g	5 mL	131805	02/13/26 16:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132162	02/19/26 06:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132408	02/19/26 06:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			132379	02/19/26 04:36	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 04:36	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9496-1
SDG: 03C1558816

Client Sample ID: SS 07
Date Collected: 02/11/26 11:58
Date Received: 02/11/26 14:50

Lab Sample ID: 890-9496-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	131671	02/12/26 16:28	SI	EET MID
Soluble	Analysis	300.0		1			131969	02/16/26 23:30	CS	EET MID

Client Sample ID: SS 08
Date Collected: 02/11/26 12:00
Date Received: 02/11/26 14:50

Lab Sample ID: 890-9496-8
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			5.01 g	5 mL	131805	02/13/26 16:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132162	02/19/26 06:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132408	02/19/26 06:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			132379	02/19/26 04:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 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 04:52	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131671	02/12/26 16:28	SI	EET MID
Soluble	Analysis	300.0		1			131969	02/16/26 23:37	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: 890-9496-1
SDG: 03C1558816

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

Method Summary

Client: Ensolum
Project/Site: MUY WAYNO 18 BATTERY

Job ID: 890-9496-1
SDG: 03C1558816

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: 890-9496-1
SDG: 03C1558816

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9496-1	SS 01	Solid	02/11/26 11:45	02/11/26 14:50	0.5
890-9496-2	SS 02	Solid	02/11/26 11:48	02/11/26 14:50	0.5
890-9496-3	SS 03	Solid	02/11/26 12:21	02/11/26 14:50	0.5
890-9496-4	SS 04	Solid	02/11/26 11:52	02/11/26 14:50	0.5
890-9496-5	SS 05	Solid	02/11/26 11:54	02/11/26 14:50	0.5
890-9496-6	SS 06	Solid	02/11/26 11:56	02/11/26 14:50	0.5
890-9496-7	SS 07	Solid	02/11/26 11:58	02/11/26 14:50	0.5
890-9496-8	SS 08	Solid	02/11/26 12:00	02/11/26 14:50	0.5

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

Chain of Custody

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

Environment Testing
 Xenco



Work Order No:

www.xenco.com Page 1 of 1

Project Manager:	Tracy Hillard	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:	575-937-3906	Email:	richard.kotzu@xencomobile.com

Program: UST/PST ☐ RP ☐ rownfields ☐ RC ☐ perfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT				Turn Around				ANALYSIS REQUEST				Preservative Codes			
Project Name:	Project Number:	Project Location:	Sampler's Name:	Temp Blank:	Yes	No	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:	Time Sampled	Date Sampled	Matrix	Sample Identification	
Muy Wayno 18 Battery	03C1558816	32.1283845, -103.9275336	Evan Roe	Yes	No	No	TP10007	-0.2	-1.2	-1.0	1145	2/11/2026	Soil	SS 01	
				Yes	No	No					1148	2/11/2026	Soil	SS 02	
				Yes	No	No					1221	2/11/2026	Soil	SS 03	
				Yes	No	No					1152	2/11/2026	Soil	SS 04	
				Yes	No	No					1154	2/11/2026	Soil	SS 05	
				Yes	No	No					1156	2/11/2026	Soil	SS 06	
				Yes	No	No					1158	2/11/2026	Soil	SS 07	
				Yes	No	No					1200	2/11/2026	Soil	SS 08	

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 Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed	TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>Burn</i>	<i>Decker</i>	2/11/2026			
3					
5					

Revised Date: 08/25/2020 Rev. 2020.2



Eurofins Carlsbad

1089 N Canal St.
Carlsbad, NM 86220
Phone 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Lab PM:	COC No:		
Client Contact:	N/A	Kramer, Jessica	890-6505 1		
Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@eurofins.com	Page: Page 1 of 1		
Company: Eurofins Environment Testing South Cent		Accreditations Required (See note): NELAP - Texas	Job #: 890-9496-1		
Address: 1211 W. Florida Ave, Midland TX, 79701		Due Date Requested: 2/17/2026		Preservation Codes:	
City: Midland		TAT Requested (days): N/A		Analysis Requested	
State, Zip: TX, 79701		PO #: N/A			
Phone: 432-704-5440(Tel)		WO #: N/A			
Email: N/A		Project #: 89000110			
Project Name: MUY WAYNO 18 BATTERY		SSOW#: N/A			
Site: N/A		Matrix (Weaver S-solid, Over-solid, BTR-Titan, Adul)		Field Filtered Sample (Yes or No)	
Sample Identification - Client ID (Lab ID)		Sample Date		Sample Time	
Sample Type (C=Comp, G=grab)		Preservation Code		Perform MS/MSD (Yes or No)	
SS 01 (890-9496-1)		2/11/26		Mountain	
SS 02 (890-9496-2)		2/11/26		Mountain	
SS 03 (890-9496-3)		2/11/26		Mountain	
SS 04 (890-9496-4)		2/11/26		Mountain	
SS 05 (890-9496-5)		2/11/26		Mountain	
SS 06 (890-9496-6)		2/11/26		Mountain	
SS 07 (890-9496-7)		2/11/26		Mountain	
SS 08 (890-9496-8)		2/11/26		Mountain	
Total Number of containers		8015MOD_NM/8015NM_S_Prep(MOD) Full TPH		8015MOD_Calc	
		300_ORGFM_28D/DI_LEACHChloride		8021B/5035FP_Calc(MOD) BTEX	
		Total BTEX_GCV			
Special Instructions/Note:					
Other					
N/A					
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 analytes/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		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)			
Unconfirmed		Return To Client		Disposal By Lab	
Deliverable Requested I, II, III, IV, Other (specify)		Primary Deliverable Rank: 2		Special Instructions/QC Requirements:	
Empty Kit Relinquished by:		Date		Time	
Relinquished by:		Date/Time: 2-11-16		Company	
Relinquished by:		Date/Time:		Company	
Relinquished by:		Date/Time:		Company	
Custody Seals Intact:		Custody Seal No		Cooler Temperature(s) °C and Other Remarks:	
Δ Yes Δ No					

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9496-1

SDG Number: 03C1558816

Login Number: 9496

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: 890-9496-1

SDG Number: 03C1558816

Login Number: 9496

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	



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

April 22, 2026

TRACY HILLARD

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 04/16/26 13:06.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 04/16/2026
Reported: 04/22/2026
Project Name: MUY WAYNO 18 BATTERY
Project Number: 03C1558816
Project Location: XTO 32.1283845-103.9275336

Sampling Date: 04/14/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: PH01 2' (H262204-01)

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	04/18/2026	ND	2.11	105	2.00	0.0972	
Toluene*	<0.050	0.050	04/18/2026	ND	2.27	113	2.00	10.1	
Ethylbenzene*	<0.050	0.050	04/18/2026	ND	2.45	122	2.00	15.4	
Total Xylenes*	<0.150	0.150	04/18/2026	ND	7.49	125	6.00	17.4	
Total BTEX	<0.300	0.300	04/18/2026	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	4640	16.0	04/20/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/17/2026	ND	201	101	200	1.78	
DRO >C10-C28*	<10.0	10.0	04/17/2026	ND	186	93.1	200	5.59	
EXT DRO >C28-C36	<10.0	10.0	04/17/2026	ND					

Surrogate: 1-Chlorooctane 66.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 66.1 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 04/16/2026
Reported: 04/22/2026
Project Name: MUY WAYNO 18 BATTERY
Project Number: 03C1558816
Project Location: XTO 32.1283845-103.9275336

Sampling Date: 04/14/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: PH01A 4' (H262204-02)

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	04/18/2026	ND	2.11	105	2.00	0.0972	
Toluene*	<0.050	0.050	04/18/2026	ND	2.27	113	2.00	10.1	
Ethylbenzene*	<0.050	0.050	04/18/2026	ND	2.45	122	2.00	15.4	
Total Xylenes*	<0.150	0.150	04/18/2026	ND	7.49	125	6.00	17.4	
Total BTEX	<0.300	0.300	04/18/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	04/20/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg	Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/17/2026	ND	201	101	200	1.78	
DRO >C10-C28*	<10.0	10.0	04/17/2026	ND	186	93.1	200	5.59	
EXT DRO >C28-C36	<10.0	10.0	04/17/2026	ND					

Surrogate: 1-Chlorooctane 72.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 72.2 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 04/16/2026
Reported: 04/22/2026
Project Name: MUY WAYNO 18 BATTERY
Project Number: 03C1558816
Project Location: XTO 32.1283845-103.9275336

Sampling Date: 04/14/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: PH02 2' (H262204-03)

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	04/18/2026	ND	2.11	105	2.00	0.0972	
Toluene*	<0.050	0.050	04/18/2026	ND	2.27	113	2.00	10.1	
Ethylbenzene*	<0.050	0.050	04/18/2026	ND	2.45	122	2.00	15.4	
Total Xylenes*	<0.150	0.150	04/18/2026	ND	7.49	125	6.00	17.4	
Total BTEX	<0.300	0.300	04/18/2026	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	3920	16.0	04/20/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg	Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/17/2026	ND	201	101	200	1.78	
DRO >C10-C28*	<10.0	10.0	04/17/2026	ND	186	93.1	200	5.59	
EXT DRO >C28-C36	<10.0	10.0	04/17/2026	ND					

Surrogate: 1-Chlorooctane 69.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 68.2 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 04/16/2026
Reported: 04/22/2026
Project Name: MUY WAYNO 18 BATTERY
Project Number: 03C1558816
Project Location: XTO 32.1283845-103.9275336

Sampling Date: 04/14/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: PH02A 4' (H262204-04)

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	04/18/2026	ND	2.11	105	2.00	0.0972	
Toluene*	<0.050	0.050	04/18/2026	ND	2.27	113	2.00	10.1	
Ethylbenzene*	<0.050	0.050	04/18/2026	ND	2.45	122	2.00	15.4	
Total Xylenes*	<0.150	0.150	04/18/2026	ND	7.49	125	6.00	17.4	
Total BTEX	<0.300	0.300	04/18/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	5600	16.0	04/20/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/17/2026	ND	201	101	200	1.78	
DRO >C10-C28*	<10.0	10.0	04/17/2026	ND	186	93.1	200	5.59	
EXT DRO >C28-C36	<10.0	10.0	04/17/2026	ND					

Surrogate: 1-Chlorooctane 71.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 70.2 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

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

Pg 1 of 1

FOR LAB USE ONLY											
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	BTE	TPH	Chlor	
					GROUNDWATER		DATE	TIME			
					WASTEWATER						
					SOIL						
					OIL						
					SLUDGE						
					OTHER :						
					ACID/BASE:						
					ICE / COOL						
					OTHER :						
H&K-2004	PH01	2'	G	1	X		4/14/2006	1351	X	X	X
	PH01A	4'	G	1	X		4/14/2006	1350	X	X	X
	PH02	2'	G	1	X		4/14/2006	1300	X	X	X
	PH02A	4'	G	1	X		4/14/2006	1342	X	X	X

Limitation of Remedies. 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 rendered by Cardinal, regardless of whether such claim is based in contract or tort. 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. 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 rendered by Cardinal, regardless of whether such claim is based in contract or tort.

Relinquished By:

Phoe James

Relinquished BY:

1

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

— **Prof. Dr. G. G. Ouellet.**

EODM ONE D 2 7 04 100100

† Cardinal cannot accept verbal changes. Please email changes to colow.kenn@cardinal.edu

Cardinal Laboratories

Released to Imaging: 7/31/2026 4:52:36 PM



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

April 22, 2026

TRACY HILLARD

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 04/16/26 13:06.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 04/16/2026
Reported: 04/22/2026
Project Name: MUY WAYNO 18 BATTERY
Project Number: 03C1558816
Project Location: XTO 32.1283845-103.9275336

Sampling Date: 04/15/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: PH 01 B 7' (H262205-01)

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	04/18/2026	ND	2.11	105	2.00	0.0972	
Toluene*	<0.050	0.050	04/18/2026	ND	2.27	113	2.00	10.1	
Ethylbenzene*	<0.050	0.050	04/18/2026	ND	2.45	122	2.00	15.4	
Total Xylenes*	<0.150	0.150	04/18/2026	ND	7.49	125	6.00	17.4	
Total BTEX	<0.300	0.300	04/18/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	3800	16.0	04/20/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/17/2026	ND	201	101	200	1.78	
DRO >C10-C28*	<10.0	10.0	04/17/2026	ND	186	93.1	200	5.59	
EXT DRO >C28-C36	<10.0	10.0	04/17/2026	ND					

Surrogate: 1-Chlorooctane 72.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 71.8 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 04/16/2026
Reported: 04/22/2026
Project Name: MUY WAYNO 18 BATTERY
Project Number: 03C1558816
Project Location: XTO 32.1283845-103.9275336

Sampling Date: 04/15/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: PH 02 B 8' (H262205-02)

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	04/18/2026	ND	2.11	105	2.00	0.0972	
Toluene*	<0.050	0.050	04/18/2026	ND	2.27	113	2.00	10.1	
Ethylbenzene*	<0.050	0.050	04/18/2026	ND	2.45	122	2.00	15.4	
Total Xylenes*	<0.150	0.150	04/18/2026	ND	7.49	125	6.00	17.4	
Total BTEX	<0.300	0.300	04/18/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	10500	16.0	04/20/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg	Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/17/2026	ND	201	101	200	1.78	
DRO >C10-C28*	<10.0	10.0	04/17/2026	ND	186	93.1	200	5.59	
EXT DRO >C28-C36	<10.0	10.0	04/17/2026	ND					

Surrogate: 1-Chlorooctane 68.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 67.6 % 39.9-141

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Pg _____ of _____

[illegible]



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

May 19, 2026

CHRIS WRIGHT

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 05/14/26 13:50.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/14/2026
Reported: 05/19/2026
Project Name: MUY WAYNO 18 BATTERY
Project Number: 03C1558816
Project Location: XTO 32.128410-103.927513

Sampling Date: 05/12/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: PH02 C 10' (H262730-01)

BTX 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	05/15/2026	ND	2.09	105	2.00	2.48		
Toluene*	<0.050	0.050	05/15/2026	ND	1.90	95.1	2.00	2.54		
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	1.90	95.2	2.00	2.35		
Total Xylenes*	<0.150	0.150	05/15/2026	ND	5.69	94.9	6.00	2.26		
Total BTX	<0.300	0.300	05/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 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	05/15/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	218	109	200	0.808	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	196	98.1	200	3.31	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 103 % 52.4-130

Surrogate: 1-Chlorooctadecane 99.7 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/14/2026
Reported: 05/19/2026
Project Name: MUY WAYNO 18 BATTERY
Project Number: 03C1558816
Project Location: XTO 32.128410-103.927513

Sampling Date: 05/12/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: PH02 D 15' (H262730-02)

BTX 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	05/15/2026	ND	2.09	105	2.00	2.48		
Toluene*	<0.050	0.050	05/15/2026	ND	1.90	95.1	2.00	2.54		
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	1.90	95.2	2.00	2.35		
Total Xylenes*	<0.150	0.150	05/15/2026	ND	5.69	94.9	6.00	2.26		
Total BTX	<0.300	0.300	05/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7860	16.0	05/15/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	218	109	200	0.808	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	196	98.1	200	3.31	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 103 % 52.4-130

Surrogate: 1-Chlorooctadecane 99.8 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/14/2026
Reported: 05/19/2026
Project Name: MUY WAYNO 18 BATTERY
Project Number: 03C1558816
Project Location: XTO 32.128410-103.927513

Sampling Date: 05/12/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: PH02 E 18' (H262730-03)

BTX 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	05/15/2026	ND	2.09	105	2.00	2.48	
Toluene*	<0.050	0.050	05/15/2026	ND	1.90	95.1	2.00	2.54	
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	1.90	95.2	2.00	2.35	
Total Xylenes*	<0.150	0.150	05/15/2026	ND	5.69	94.9	6.00	2.26	
Total BTX	<0.300	0.300	05/15/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 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	4640	16.0	05/15/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	218	109	200	0.808	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	196	98.1	200	3.31	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 104 % 52.4-130

Surrogate: 1-Chlorooctadecane 101 % 39.9-141

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Analytical Results For:

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

Received: 05/14/2026
Reported: 05/19/2026
Project Name: MUY WAYNO 18 BATTERY
Project Number: 03C1558816
Project Location: XTO 32.128410-103.927513

Sampling Date: 05/12/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: PH02 F 19' (H262730-04)

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	05/15/2026	ND	2.09	105	2.00	2.48		
Toluene*	<0.050	0.050	05/15/2026	ND	1.90	95.1	2.00	2.54		
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	1.90	95.2	2.00	2.35		
Total Xylenes*	<0.150	0.150	05/15/2026	ND	5.69	94.9	6.00	2.26		
Total BTEX	<0.300	0.300	05/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 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	3920	16.0	05/15/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	218	109	200	0.808	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	196	98.1	200	3.31	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 104 % 52.4-130

Surrogate: 1-Chlorooctadecane 100 % 39.9-141

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Analytical Results For:

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

Received: 05/14/2026
Reported: 05/19/2026
Project Name: MUY WAYNO 18 BATTERY
Project Number: 03C1558816
Project Location: XTO 32.128410-103.927513

Sampling Date: 05/12/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: PH01 C 10' (H262730-05)

BTX 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	05/15/2026	ND	2.09	105	2.00	2.48		
Toluene*	<0.050	0.050	05/15/2026	ND	1.90	95.1	2.00	2.54		
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	1.90	95.2	2.00	2.35		
Total Xylenes*	<0.150	0.150	05/15/2026	ND	5.69	94.9	6.00	2.26		
Total BTX	<0.300	0.300	05/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3120	16.0	05/15/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	218	109	200	0.808	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	196	98.1	200	3.31	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 104 % 52.4-130

Surrogate: 1-Chlorooctadecane 99.3 % 39.9-141

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Analytical Results For:

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

Received: 05/14/2026
Reported: 05/19/2026
Project Name: MUY WAYNO 18 BATTERY
Project Number: 03C1558816
Project Location: XTO 32.128410-103.927513

Sampling Date: 05/12/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: PH01 D 13' (H262730-06)

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	05/15/2026	ND	2.09	105	2.00	2.48		
Toluene*	<0.050	0.050	05/15/2026	ND	1.90	95.1	2.00	2.54		
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	1.90	95.2	2.00	2.35		
Total Xylenes*	<0.150	0.150	05/15/2026	ND	5.69	94.9	6.00	2.26		
Total BTEX	<0.300	0.300	05/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 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	2800	16.0	05/15/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	218	109	200	0.808	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	196	98.1	200	3.31	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 100 % 52.4-130

Surrogate: 1-Chlorooctadecane 98.8 % 39.9-141

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Analytical Results For:

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

Received: 05/14/2026
Reported: 05/19/2026
Project Name: MUY WAYNO 18 BATTERY
Project Number: 03C1558816
Project Location: XTO 32.128410-103.927513

Sampling Date: 05/12/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: PH01 E 16' (H262730-07)

BTX 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	05/15/2026	ND	2.09	105	2.00	2.48		
Toluene*	<0.050	0.050	05/15/2026	ND	1.90	95.1	2.00	2.54		
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	1.90	95.2	2.00	2.35		
Total Xylenes*	<0.150	0.150	05/15/2026	ND	5.69	94.9	6.00	2.26		
Total BTX	<0.300	0.300	05/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	05/15/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	218	109	200	0.808	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	196	98.1	200	3.31	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 98.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 95.3 % 39.9-141

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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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC Project Manager: Chris Wright Address: 3122 National Parks Hwy City: Carlsbad State: NM Zip: 88220 Phone #: 575 706 6266 Fax #: Project #: 03C15588 816 Project Owner: XTO Energy, Inc Project Name: May Wayne 1st Factory Project Location: 52.124110 - 103.927513 Sampler Name: Joshua Boxley				BILL TO P.O. #: Company: XTO Energy, Inc Attn: Dale Weddell Address: 3104 E Greene St City: Carlsbad State: NM Zip: 88220 Phone #: Fax #:				ANALYSIS REQUEST			
Lab I.D. PH02C PH02D PH02E PH02F PH01C PH01D PH01E		Sample I.D. 10 15 16 19 10 13 16		Depth (feet) (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV SAMPLING		DATE TIME Chloride BTEX TPH			
PH02C PH02D PH02E PH02F PH01C PH01D PH01E		10 15 16 19 10 13 16		1153 1200 1218 1219 1555 1557 51226 1600		X X X X X X X					
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Relinquished By: [Signature] Date: 5/14/20 Time: 1:350				Received By: [Signature] Date: 5/14/20 Time: 1:350				Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #:			
Relinquished By: [Signature]				Received By: [Signature]				REMARKS: Incident: WAF 2602732-175 Cost Center: 1056671001 GFCM: 48605000-50114 Turnaround Time: Standard Rush Thermometer ID: #140 Correction Factor: +0.1			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:				Observed Temp. °C: 43.3 Corrected Temp. °C: 44.1				Sample Condition: Cool ☐ Intact ☐ Yes ☐ No ☐			
Observed Temp. °C: 43.3 Corrected Temp. °C: 44.1				Sample Condition: Cool ☐ Intact ☐ Yes ☐ No ☐				Checked By: [Signature]			
REMARKS: Incident: WAF 2602732-175 Cost Center: 1056671001 GFCM: 48605000-50114 Turnaround Time: Standard Rush Thermometer ID: #140 Correction Factor: +0.1											



APPENDIX E

Spill Volume Calculations

Location:	Muy Wayno 18		
Spill Date:	1/25/2026		
Incident #:	nAPP2602732475		
Area 1			
Approximate Area =	991	sq. ft.	
Average Saturation (or depth) of spill =	3.08	inches	
Average Porosity Factor =	0.2		
VOLUME OF LEAK			
Total Crude Oil =		bbls	
Total Produced Water =	9.06	bbls	
TOTAL VOLUME OF LEAK			
Total Crude Oil =		bbls	
Total Produced Water =	9.06	bbls	
TOTAL VOLUME RECOVERED			
Total Crude Oil =		bbls	
Total Produced Water =	0	bbls	

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Phone: (505) 476-3441

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Phone: (505) 629-6116

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

QUESTIONS

Action 546688

QUESTIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 546688
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2602732475
Incident Name	NAPP2602732475 MUY WAYNO 18 BATTERY @ L-18-25S-30E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received

Location of Release Source

Please answer all the questions in this group.

Site Name	Muy Wayno 18 Battery
Date Release Discovered	01/25/2026
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	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pipeline (Any) Produced Water Released: 9 BBL Recovered: 0 BBL Lost: 9 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)	9.06 bbls of produced water was released from an underground pipe, due to equipment failure/freezing weather.

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Energy, Minerals and Natural Resources
Oil Conservation Division
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QUESTIONS, Page 2

Action 546688

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 546688
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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: 01/27/2026
--	---

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

QUESTIONS, Page 3

Action 546688

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 546688
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization	
<i>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.</i>	
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	
<i>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.</i>	
Requesting a remediation plan approval with this submission	No
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Phone: (505) 629-6116

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

CONDITIONS

Action 546688

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 546688
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scwells	Initial C-141 approved. A remediation plan or a remediation closure report must be submitted to the OCD no later than 4/27/26.	1/29/2026

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Phone: (505) 476-3441

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Phone: (505) 629-6116

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

QUESTIONS

Action 608793

QUESTIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 608793
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2602732475
Incident Name	NAPP2602732475 MUY WAYNO 18 BATTERY @ L-18-25S-30E
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received

Location of Release Source

Please answer all the questions in this group.

Site Name	MUY WAYNO 18 BATTERY
Date Release Discovered	01/25/2026
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	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pipeline (Any) Produced Water Released: 9 BBL Recovered: 0 BBL Lost: 9 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)	9.06 bbls of produced water was released from an underground pipe, due to equipment failure/freezing weather.

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Action 608793

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	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 07/28/2026
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Action 608793

QUESTIONS (continued)

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	Action Number: 608793
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS**Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (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	Yes

Remediation Plan

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

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	11000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	01/26/2026
On what date will (or did) the final sampling or liner inspection occur	09/15/2026
On what date will (or was) the remediation complete(d)	09/15/2026
What is the estimated surface area (in square feet) that will be reclaimed	992
What is the estimated volume (in cubic yards) that will be reclaimed	158
What is the estimated surface area (in square feet) that will be remediated	992
What is the estimated volume (in cubic yards) that will be remediated	158

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)	
<i>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.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(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.
<i>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>	
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: 07/28/2026
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Action 608793

QUESTIONS (continued)

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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	No

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Action 608793

QUESTIONS (continued)

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QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	589052
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/05/2026
What was the (estimated) number of samples that were to be gathered	10
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

Action 608793

CONDITIONS

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	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation plan approved with the following conditions:	7/31/2026
scwells	1) Under the Site Characterization portion of the C-141 application, to the question, "What is the minimum distance, between the closest lateral extents of the release and the following surface areas: Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)," was answered, "Greater than 5 (mi.)." According to the National Wetlands Inventory Mapper, freshwater emergent wetlands (playas) are located between 1-5 miles NE.	7/31/2026
scwells	2) Under the Site Characterization portion of the C-141 application, to the question, "What is the minimum distance, between the closest lateral extents of the release and the following surface areas: A wetland," was answered, "Between 1 and 5 (mi.)." According to the National Wetlands Inventory Mapper, the nearest wetland is a riverine located ~.75 miles south. The distances to both of these site receptors must be updated within the C-141 application during next report submission.	7/31/2026
scwells	3) Excavation must continue past the proposed depths of excavation if confirmation samples do not meet the applicable Table I Closure Criteria.	7/31/2026
scwells	4) OCD requires that any base or wall that is exposed during excavation, even due to benching and sloping, have samples collected pursuant to 19.15.29 NMAC. Ensure sidewall samples are collected between the varying depths of excavation and clearly show these on the Figures in your closure report.	7/31/2026
scwells	Submit a complete and accurate report to OCD by 10/29/26.	7/31/2026