



January 19, 2026

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

Re: Deferral Request
Big Eddy Unit DI 30 West Battery
Incident Number nAPP2529434018
Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of XTO Energy, Inc. (XTO), has prepared this *Deferral Request* to document assessment, delineation, excavation, and soil sampling activities at the Big Eddy Unit DI 30 West Battery (Site). The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following a release of crude oil. Based on field observations and soil sample laboratory analytical results, XTO is submitting this *Deferral Request*, describing Site assessment, delineation, and excavation activities that have occurred and requesting deferral of final remediation for Incident Number nAPP2529434018 until the Site is reconstructed, and/or the well pad is abandoned.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site was originally reported in Unit J, Section 15, Township 20 South, Range 31 East. After review on internal documents, it was confirmed the release was located in Unit I, Section 15, Township 20 South, Range 31 East, in Eddy County, New Mexico (32.57001°, -103.85208°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On October 19, 2025, failure of a pump resulted in the release of approximately 5.25 barrels (bbls) of crude oil onto the surface of the well pad and around active production equipment, lined containments, electrical panels, and process piping. A vacuum truck was immediately dispatched to the Site and recovered approximately 4.0 bbls of released fluids. XTO reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Notification of Release (NOR) on October 21, 2025, and an Initial C-141 Application (C-141) on October 22, 2025. The release was assigned Incident Number nAPP2529434018.

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.

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Depth to groundwater at the Site is estimated to be less than 50 feet bgs based on nearby depth to groundwater data. The nearest well with groundwater data is New Mexico Office of the State Engineer (NMOSE) soil boring CP-2068 POD1, advanced on June 19, 2025. The soil boring was advanced approximately 0.07 miles northwest of the Site to determine regional depth to groundwater. Depth to groundwater was first encountered at 35 feet bgs. The total depth of the well is 60 bgs. Once groundwater depth was measured, the well was grouted from total depth to surface. The well log is provided in Appendix A. All wells used to evaluate depth to groundwater are presented on Figure 1.

The closest continuously flowing or significant watercourse to the Site is a seasonal dry wash located approximately 3.5 miles south of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Potential Site receptors are identified on Figure 1.

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

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH): 100 mg/kg
- Chloride: 600 mg/kg

DELINEATION ACTIVITIES

Between November 4, 2025, and December 17, 2025, Ensolum personnel visited the Site to evaluate the release extent based on information provided on the C-141 and visual observations. The release occurred on the pad surface, around several active oil and gas production infrastructure, and in-between multiple lined containments. Six delineation boreholes (BH01 through BH06) were advanced via hand auger and backpack core drill from within and around the release extent. Delineation boreholes BH01 and BH02 were collected within the release extent. Delineation boreholes BH03 through BH06 were collected outside of the release extent to define the lateral edge of the release. The boreholes were advanced to terminal depths ranging from 6 feet to 7 feet bgs. Discrete delineation soil samples were collected from each borehole at depths ranging from 0.5 feet to 7 feet bgs, and were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride utilizing Hach® chloride QuanTab® test strips. The release extent and delineation soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation was collected, and a photographic log is included in Appendix B. Field screening results and observations from all boreholes were logged on lithologic/soil sampling logs, which are included in Appendix C.

The delineation soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico or Eurofins Environmental Testing (Eurofins) in Carlsbad, New Mexico, for analysis of the following constituents of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-gasoline range organics (GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standard Method SM4500 or EPA Method 300.0.

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Laboratory analytical results from delineation soil samples collected from BH01 and BH02 indicated TPH and/or BTEX concentrations exceeded Closure Criteria at depths ranging from 0.5 feet to 5 feet bgs. Delineation soil samples BH01F and BH02F, collected from 6 feet bgs, indicated all COCs were in compliance with Closure Criteria successfully defining the vertical extent of the release. Analytical results from all delineation soil samples collected outside of the release extent (BH03 through BH06) indicated all COC concentrations were in compliance with the Closure Criteria and successfully defined the lateral extent of the release.

EXCAVATION AND SOIL SAMPLING ACTIVITIES

On November 7, 2025, Ensolum personnel returned to the Site to complete sampling activities following surface scrape and excavation activities. Soil was excavated to the maximum extent practicable (MEP) with hand shovels in the accessible areas. XTO safety policy restricts soil disturbing activities within a 2-foot radius of any on-site, active production equipment. Following the removal of accessible impacted soil, 5-point composite confirmation soil samples were collected every 200 square feet from the floor and sidewalls of the excavation. Confirmation floor soil samples FS01 through FS05 were collected from the floor of the excavation at a depth of 0.5 feet bgs. Confirmation sidewall soil samples, SW01 and SW02, were collected from the sidewalls of the excavation at depths ranging from ground surface to 0.5 feet bgs. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. Confirmation soil samples were field screened, handled and analyzed in the same manner as described above. All confirmation soil sample locations are depicted on Figure 3.

Laboratory analytical results for all confirmation soil samples indicated TPH and/or BTEX concentrations exceed the Closure Criteria. Soil impacts identified in soil samples BH01 and BH02 collected at 0.5 feet bgs, were removed by the excavation/surface scrape activities. Laboratory analytical results are summarized on Table 1, and the complete laboratory analytical reports are included in Appendix D.

The total excavated/surface scraped area measured to approximately 980 square feet. A total of approximately 20 cubic yards of impacted soil was removed during excavation and surface scraping activities and was properly disposed of at the R360 Halfway Landfill Facility in Hobbs, New Mexico.

DEFERRAL REQUEST

Due to active production equipment, lined containments, electrical panels, and process piping present in the area of where the release occurred, impacted soil identified in delineation samples BH01 and BH02 at depths ranging from 1-foot to 5 feet bgs, and confirmation samples FS01 through FS05, SW01, and SW02, could not be removed. All accessible impacted soil was excavated to the MEP. The area of remaining impacted soil measures to a total of approximately 200 cubic yards, when applying an area of 980 square feet and an average maximum depth of 6 feet bgs. The impacted soil is limited to the area beneath active production equipment and infrastructure, where remediation would require a major facility deconstruction. The requested deferral area has been vertically defined by soil samples collected at 6 feet bgs in BH01 and BH02 and laterally defined by delineation soil samples collected in boreholes BH03 through BH06. The impacted soil for Incident Number nAPP2529434018 as well as two previously NMOCD approved deferrals (Incident Numbers nAPP2200746777 and nAPP2510532038) will be remediated during final reclamation of the well pad or a major facility construction, whichever comes first. The requested area of deferral, all delineation soil samples utilized to define impacts, and the locations of the previously approved deferrals at the facility are depicted on Figure 4.

XTO does not believe deferment will result in imminent risk to human health, the environment, or groundwater. The entirety of the release remained on pad. Based on the presence of active production equipment, lined containments, electrical panels, and process piping within the release area and the

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complete lateral and vertical definition of impacted soil remaining in place, XTO requests deferral of final remediation for Incident Number nAPP2529434018 until final reclamation of the well pad or major construction, whichever comes first.

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

Sincerely,
Ensolum, LLC



Tracy Hillard
Project Engineer



Benjamin J. Belill
Senior Geologist

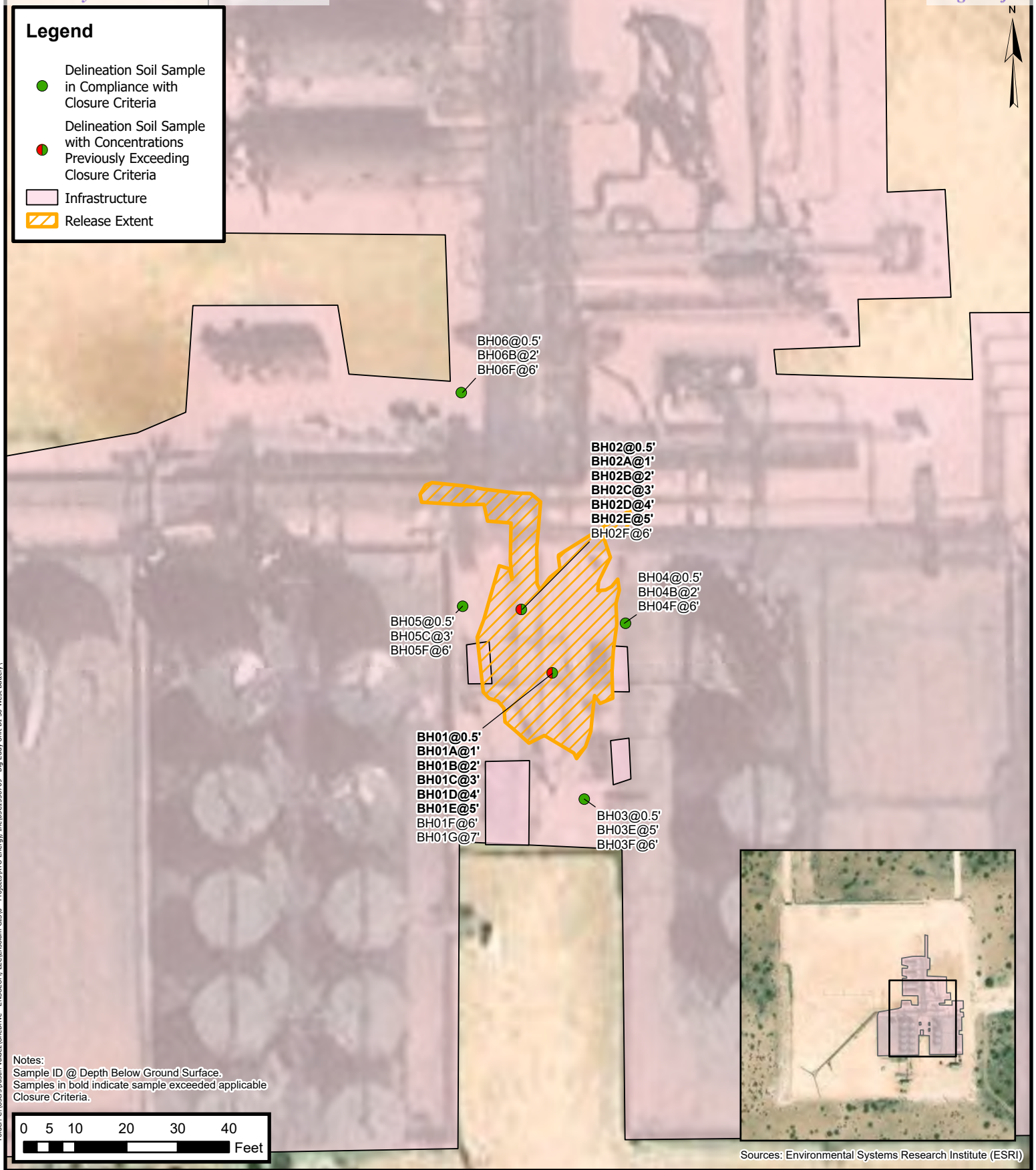
cc: Robert Woodall, XTO
Richard Kotzur, XTO
BLM

Appendices:

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



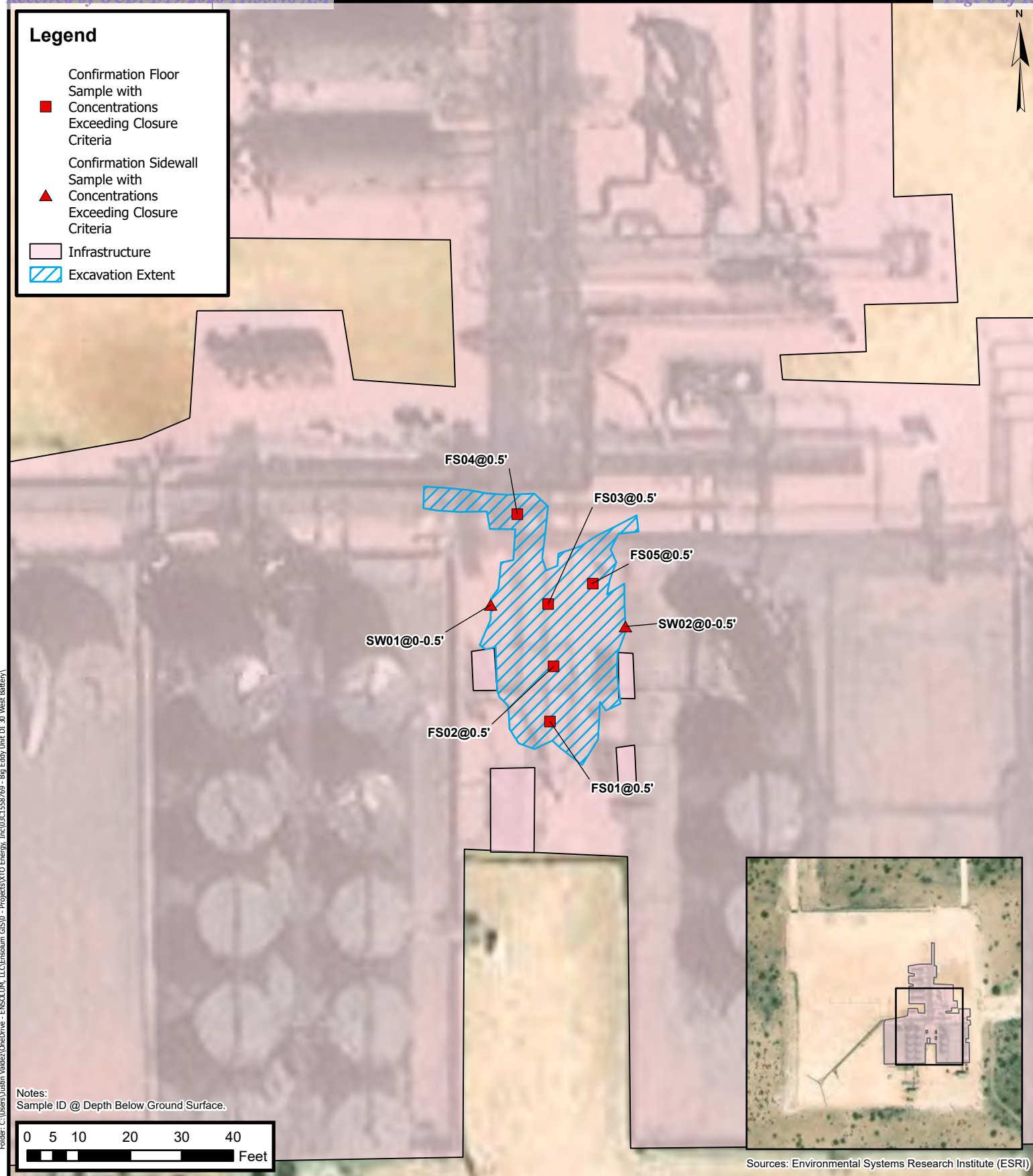
FIGURES



Delineation Soil Sample Locations

XTO Energy, Inc
Big Eddy Unit DI 30 West Battery
Incident Number: nAPP2529434018
Unit I, Section 15, T 20S, R 31E
Eddy County, New Mexico

FIGURE
2



Confirmation Soil Sample Location

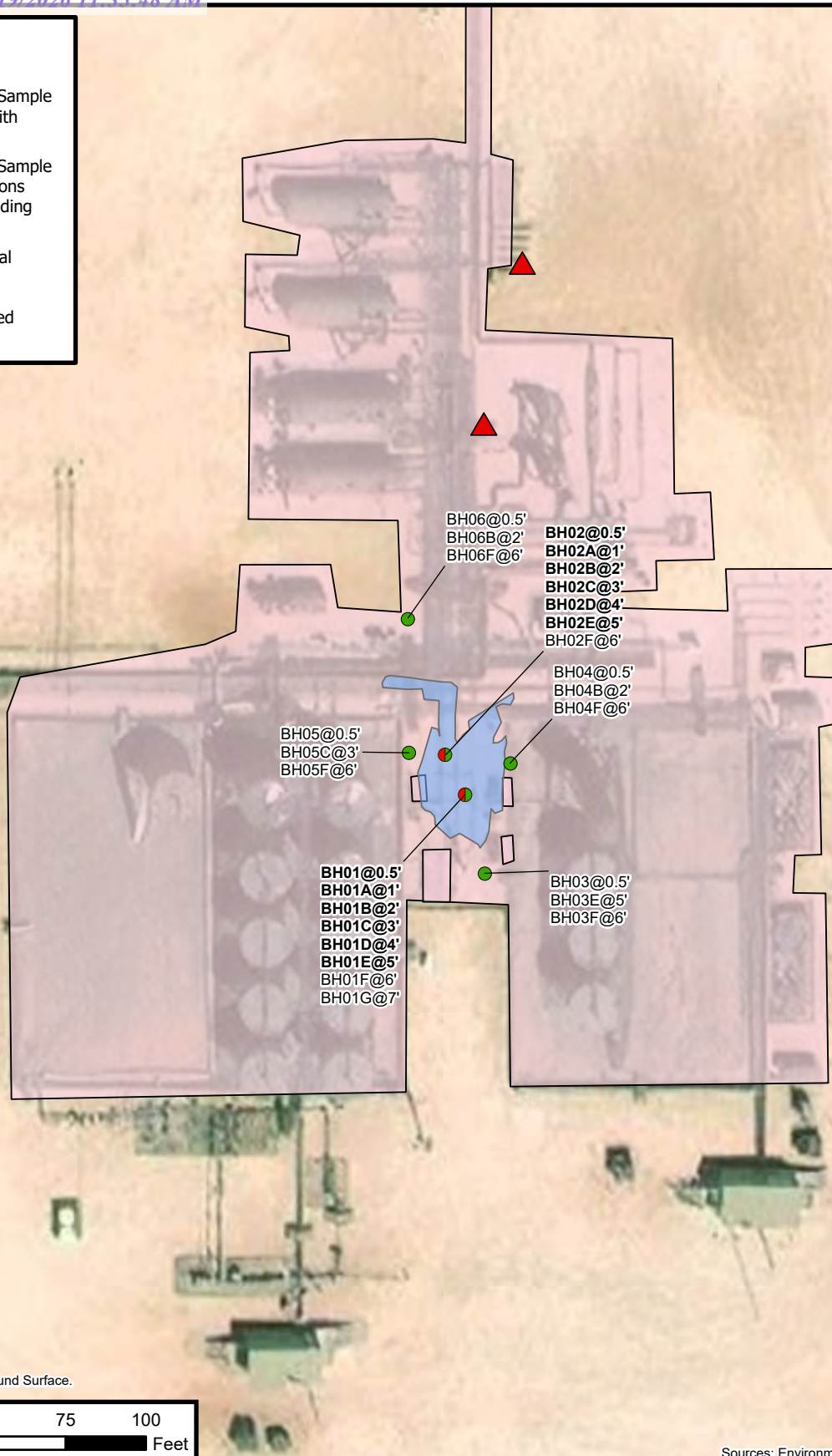
XTO Energy, Inc
Big Eddy Unit DI 30 West Battery
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Unit I, Section 15, T 20S, R 31E
Eddy County, New Mexico

FIGURE

3

Legend

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- ▲ Approved Deferral
- Infrastructure
- Area of Requested Deferral



Notes:
Sample ID @ Depth Below Ground Surface.

0 12.5 25 50 75 100
Feet

Sources: Environmental Systems Research Institute (ESRI)



Area of Requested Deferral

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Unit I, Section 15, T 20S, R 31E
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FIGURE

4



TABLES



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 Big Eddy Unit DI 30 West Battery
 XTO Energy, Inc
 Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	NE	100	600
Delineation Soil Samples										
BH01	11/04/2025	0.5	119	2,360	11,600	21,200	<996	32,800	32,800	51.4
BH01A	11/04/2025	1	89.7	878	6,770	11,900	<500	18,700	18,700	72.6
BH01B	11/04/2025	2	0.88	18.4	138	1,050	<50.0	1,190	1,190	32.1
BH01C	11/04/2025	3	<0.0200	2.38	<49.9	456	<49.9	456	456	34.5
BH01D	11/04/2025	4	0.0557	5.73	64.2	1,070	<49.8	1,130	1,130	18.6
BH01E	11/04/2025	5	0.0347	0.943	<50.0	134	<50.0	134	134	28.4
BH01F	12/15/2025	6	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
BH01G	12/15/2025	7	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
BH02	11/04/2025	0.5	77.6	918	11,800	22,700	<997	34,500	34,500	183
BH02A	11/04/2025	1	31.8	559	4,190	9,880	<499	14,100	14,100	161
BH02B	11/04/2025	2	0.111	8.26	83.0	859	<50.1	942	942	35.8
BH02C	11/04/2025	3	0.0872	1.69	<50.0	363	<50.0	363	363	13.3
BH02D	11/04/2025	4	<0.0199	3.34	<49.9	278	<49.9	278	278	99.3
BH02E	11/04/2025	5	0.0682	1.21	<50.0	364	<50.0	364	364	138
BH02F	12/15/2025	6	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
BH03	12/16/2025	0.5	<0.050	<0.300	<10.0	<10.0	11.1	11.1	11.1	32.0
BH03E	12/16/2025	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
BH03F	12/16/2025	6	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
BH04	12/16/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
BH04B	12/16/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
BH04F	12/16/2025	6	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
BH05	12/17/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
BH05C	12/17/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
BH05F	12/17/2025	6	<0.050	<0.300	<10.0	11.4	15.1	11.4	26.5	48.0
BH06	12/17/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
BH06B	12/17/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
BH06F	12/17/2025	6	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Big Eddy Unit DI 30 West Battery
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Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	NE	100	600
Confirmation Soil Samples										
FS01	11/07/2025	0.5	2.09	67.6	3,110	15,700	1,360	18,810	20,200	512
FS02	11/07/2025	0.5	4.87	97.8	4,820	16,000	1,150	20,820	22,000	433
FS03	11/07/2025	0.5	2.50	68.7	2,380	12,300	628	14,680	15,300	236
FS04	11/07/2025	0.5	0.338	82.0	1,130	13,600	751	14,730	15,500	77.5
FS05	11/07/2025	0.5	<1.99	35.3	2,010	14,600	784	16,610	17,400	436
SW01	11/07/2025	0-0.5	<0.199	43.1	592	5,380	432	5,972	6,400	509
SW02	11/07/2025	0-0.5	<0.200	33.1	405	3,720	230	4,125	4,360	286

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

NMAC: New Mexico Administrative Code

Grey text indicates soil sample removed during excavation activities



APPENDIX A

Referenced Well Records



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod-1		WELL TAG ID NO.		OSE FILE NO(S). Cp-2068		
	WELL OWNER NAME(S) XTO Permian Operating				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 3104 E greene st				CITY Carlsbad	STATE NM	ZIP 88220
	WELL LOCATION (FROM GPS)	DEGREES -103.852623		MINUTES	SECONDS	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84	
		LATITUDE		N			
	LONGITUDE		32.570909	W			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE							

2. DRILLING & CASING INFORMATION	LICENSE NO. 1839		NAME OF LICENSED DRILLER Boyd Coffey			NAME OF WELL DRILLING COMPANY Coffey drilling		
	DRILLING STARTED 6-19-2025	DRILLING ENDED 6-19-2025	DEPTH OF COMPLETED WELL (FT) 60	BORE HOLE DEPTH (FT) 60'	DEPTH WATER FIRST ENCOUNTERED (FT) 35			
	COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☒ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 27	DATE STATIC MEASURED 6-25-2025		
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES – SPECIFY:							
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:						CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐	
	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	20	6.75	PVC	Treaded	2	Sch 40	
	20	60	6.25	PVC	Threaded	2	Sch 40	0.032

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
	0	20	6.75	BAroid quick grout	4.6	Tremie
	20	60	8.25	Baroid Quick grout	69	Tremie

FOR OSE INTERNAL USE

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

FILE NO. CP-02068	POD NO. 1	TRN NO. 786575
LOCATION 20S. 31E. 15. 324	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

5. TEST: RIG SUPERVISION

6. SIGNATURE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO. CP. 02068	POD NO. 1	TRN NO. 786575	
LOCATION 205 31E 15. 324	WELL TAG ID NO. —	PAGE 2 OF 2	

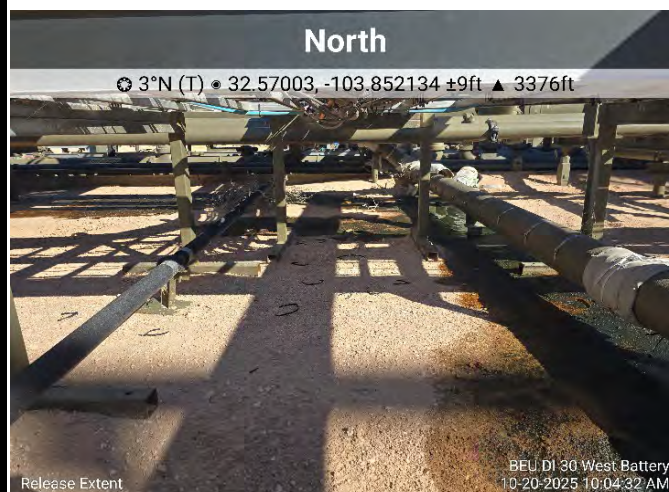


APPENDIX B

Photographic Log



Photographic Log
XTO Energy, Inc
Big Eddy Unit DI 30 West Battery
nAPP2529434018



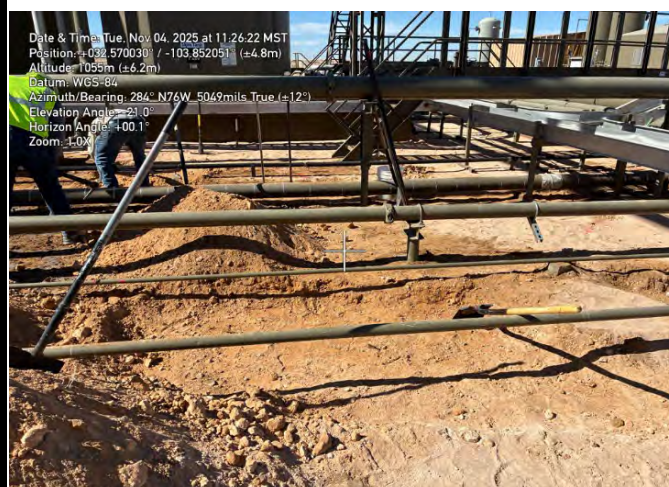
Photograph: 1
Description: Initial Inspection
View: North

Date: 10/20/2025



Photograph: 2
Description: Initial Inspection
View: North East

Date: 10/20/2025



Photograph: 3
Description: Excavation activities
View: Northwest

Date: 11/4/2025



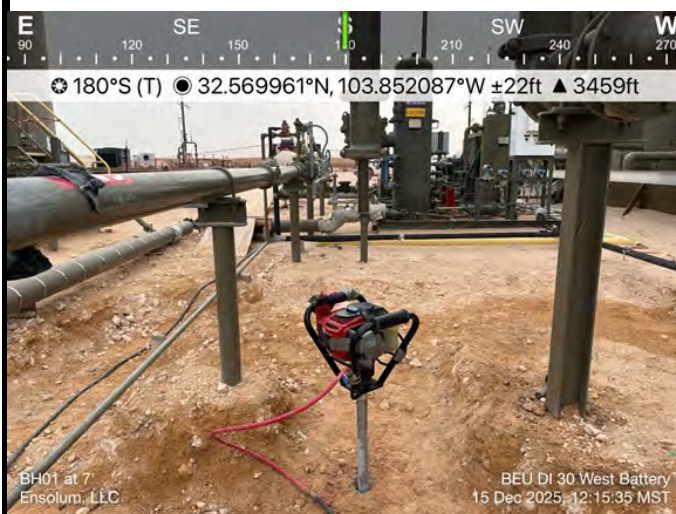
Photograph: 4
Description: Excavation Activities
View: Northeast

Date: 11/7/2025

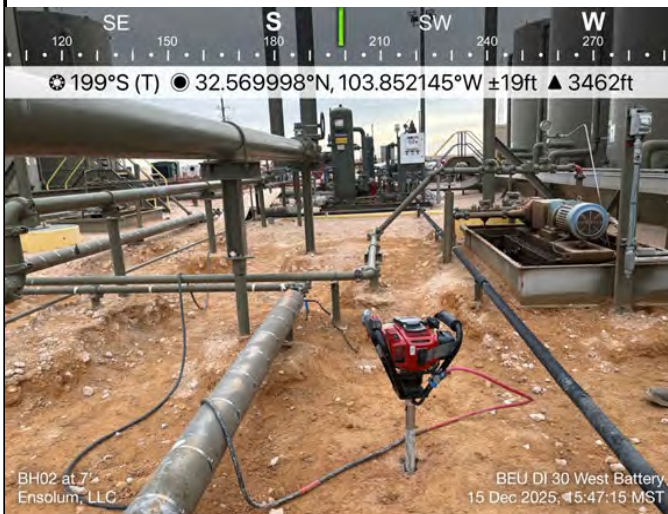


Photographic Log

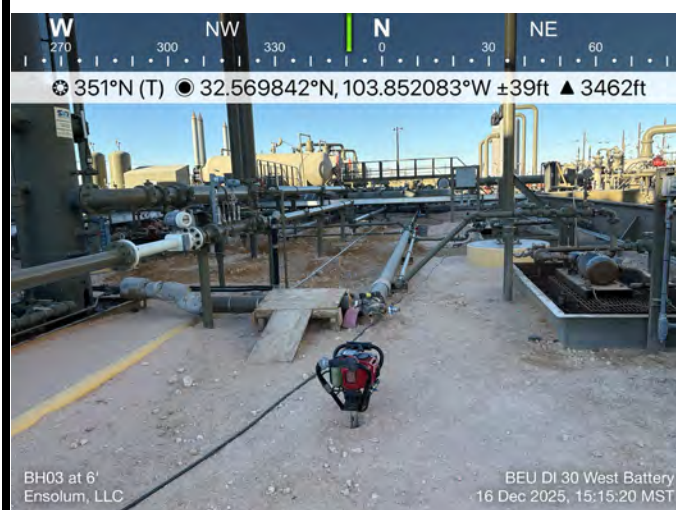
XTO Energy, Inc
Big Eddy Unit DI 30 West Battery
nAPP2529434018



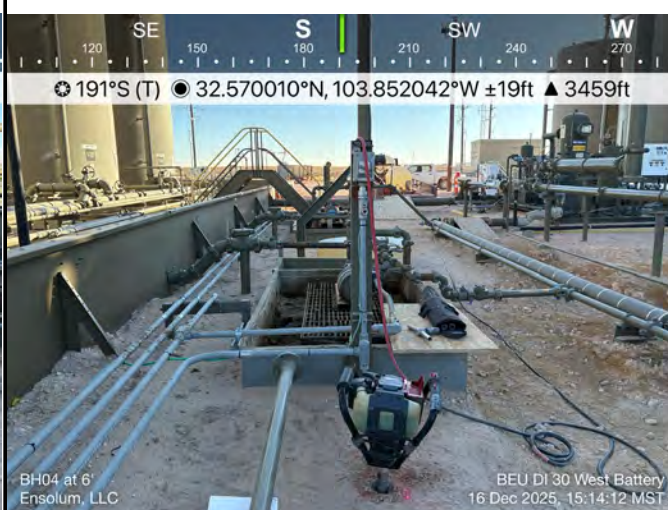
Photograph: 5 Date: 12/15/2025
Description: Delineation activities, near BH01
View: South



Photograph: 6 Date: 12/15/2025
Description: Delineation activities, near BH02
View: South



Photograph: 7 Date: 12/16/2025
Description: Delineation activities, near BH03
View: North

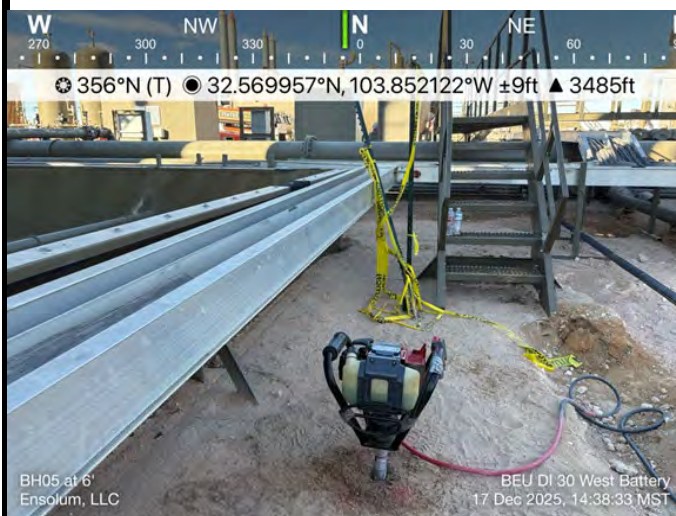


Photograph: 8 Date: 12/16/2025
Description: Delineation activities, near BH04
View: South

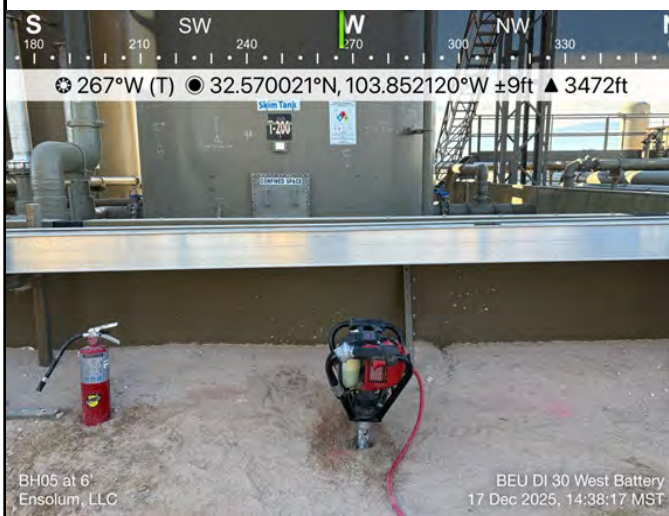


Photographic Log

XTO Energy, Inc
Big Eddy Unit DI 30 West Battery
nAPP2529434018



Photograph: 9 Date: 12/17/2025
Description: Delineation activities, near BH05
View: North



Photograph: 10 Date: 12/17/2025
Description: Delineation activities, near BH05
View: West



Photograph: 11 Date: 12/17/2025
Description: Delineation activities, near BH06
View: South



Photograph: 12 Date: 12/17/2025
Description: Delineation activities, near BH06
View: East



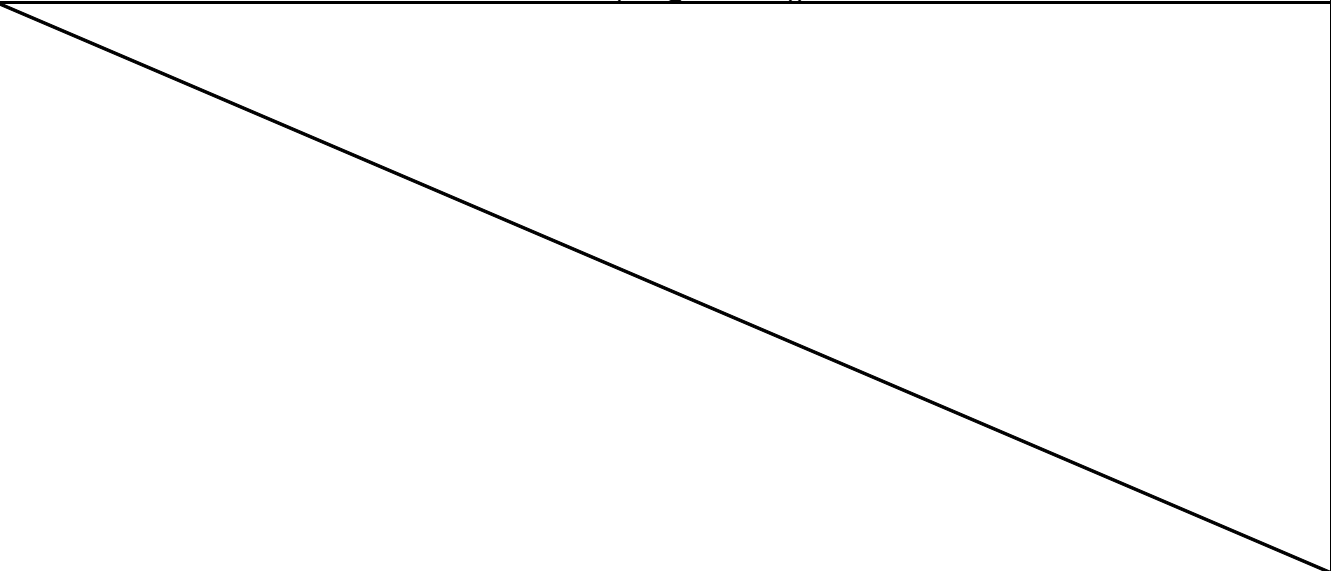
APPENDIX C

Lithologic Soil Sampling Logs

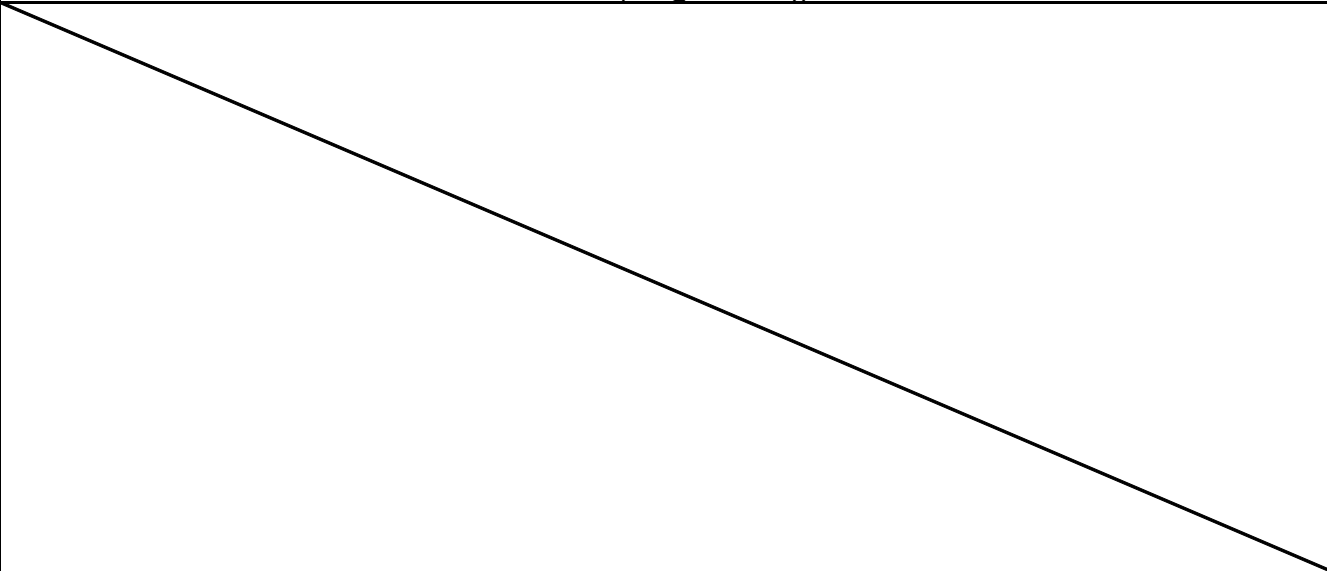
 ENSOLUM		Sample Name: BH01		Date: 11/4/2025-12/15/2025				
		Site Name: BEU DI 30 West Battery						
		Incident Number: nAPP2529434018						
		Job Number: 03C1558769						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.569958, -103.852089			Logged By: CW & JH		Method: HA/Core Drill			
			Hole Diameter: 4"		Total Depth: 7'			
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<162	823	Y	BH01	0.5	0	CCHE	(0-1') CALICHE, tan to light-brown, fine grained, poorly sorted, subrounded, unconsolidated, odor
D	<162	901	Y	BH01A	1	1	SP-SM	(1-7') SAND, medium brown, medium to fine grained, with silt, some gravel, poorly sorted, subrounded, odor
D	<162	643	N	BH01B	2	2		
D	<162	862	N	BH01C	3	3		
D	<162	875	N	BH01D	4	4		
D	<162	643	N	BH01E	5	5		
M	<168	17.7	N	BH01F	6	6		
M	<168	24.9	N	BH01G	7	7		
Total Depth @ 7 feet bgs								

 ENSOLUM		Sample Name: BH02		Date: 11/4/2025-12/15/2025				
		Site Name: BEU DI 30 West Battery						
		Incident Number: nAPP2529434018						
		Job Number: 03C1558769						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.569993, -103.852108			Logged By: CW & JH		Method: HA/Core Drill			
			Hole Diameter: 4"		Total Depth: 6'			
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	230	997	Y	BH02	0.5	0	CCHE	(0-1') CALICHE, tan to light-brown, fine grained, poorly sorted, subrounded, unconsolidated, odor
D	230	983	Y	BH02A	1	1	SP-SM	(1-6') SAND, medium brown, medium to fine grained, with silt, some gravel, poorly sorted, subrounded, odor
D	<162	544	N	BH02B	2	2		
D	<162	1019	N	BH02C	3	3		
D	<162	575	N	BH02D	4	4		
D	196	602	N	BH02E	5	5		
M	<168	30.2	N	BH02F	6	6		
Total Depth @ 6 feet bgs								

 ENSOLUM		Sample Name: BH03		Date: 12/16/2025				
		Site Name: BEU DI 30 West Battery						
		Incident Number: nAPP2529434018						
		Job Number: 03C1558769						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.569890, -103.852069			Logged By: JH		Method: Core Drill			
			Hole Diameter: 4"		Total Depth: 6'			
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	397	6.0	N	BH03	0.5	0	CCHE	(0-1') CALICHE, tan to light-brown, fine grained, poorly sorted, subrounded, unconsolidated no odor
D	347	2.4	N		1	1	SP-SM	(1-6') SAND, medium brown, medium to fine grained, with silt, some gravel, poorly sorted, subrounded, no odor
M	<168	1.2	N		2	2		
M	<168	0.6	N		3	3		
M	<168	0.8	N		4	4		
M	<168	1.8	N	BH03E	5	5		
M	<168	1.8	N	BH03F	6	6		
Total Depth @ 6 feet bgs								

 ENSOLUM		Sample Name: BH04		Date: 12/16/2025				
		Site Name: BEU DI 30 West Battery						
		Incident Number: nAPP2529434018						
		Job Number: 03C1558769						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.569985, -103.852042			Logged By: JH		Method: Core Drill			
			Hole Diameter: 4"		Total Depth: 6'			
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<168	5.8	N	BH04	0.5	0	CCHE	(0-1') CALICHE, tan to light-brown, fine grained, poorly sorted, subrounded, unconsolidated no odor
D	<168	8.0	N	BH04B	1	1	SP-SM	(1-6') SAND, medium brown, medium to fine grained, with silt, some gravel, poorly sorted, subrounded, no odor
M	<168	24.9	N		2	2		
M	<168	11.7	N		3	3		
M	<168	22.3	N		4	4		
M	<168	8.2	N	5	5			
M	<168	7.5	N	BH04F	6	6		
Total Depth @ 6 feet bgs								
								

 ENSOLUM		Sample Name: BH05		Date: 12/17/2025				
		Site Name: BEU DI 30 West Battery						
		Incident Number: nAPP2529434018						
		Job Number: 03C1558769						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.569995, -103.852145			Logged By: JH		Method: Core Drill			
			Hole Diameter: 4"		Total Depth: 6'			
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	296	9.8	N	BH05	0.5	0	CCHE	(0-1') CALICHE, tan to light-brown, fine grained, poorly sorted, subrounded, unconsolidated no odor
D	<168	9.2	N	BH05C	1	1	SP-SM	(1-6') SAND, medium brown, medium to fine grained, with silt, some gravel, poorly sorted, subrounded, no odor
M	<168	8.7	N		2	2		
M	<168	12.3	N		3	3		
M	<168	8.5	N		4	4		
M	<168	7.2	N	5	5			
M	<168	5.7	N	BH05F	6	6		
Total Depth @ 6 feet bgs								

 ENSOLUM		Sample Name: BH06		Date: 12/17/2025				
		Site Name: BEU DI 30 West Battery						
		Incident Number: nAPP2529434018						
		Job Number: 03C1558769						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.570102, -103.852118			Logged By: JH		Method: Core Drill			
			Hole Diameter: 4"		Total Depth: 6'			
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	<168	1.4	N	BH06	0.5	0	CCHE	(0-1') CALICHE, tan to light-brown, fine grained, poorly sorted, subrounded, unconsolidated no odor
D	<168	1.2	N	BH06B	1	1	SP-SM	(1-6') SAND, light brown, medium to fine grained, with silt, some gravel, poorly sorted, subrounded, no odor
M	<168	3.9	N		2	2		
M	<168	3.1	N		3	3		
M	<168	2.8	N		4	4		
M	<168	1.9	N	5	5			
M	<168	1.7	N	BH06F	6	6		
Total Depth @ 6 feet bgs								
								



APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation



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

December 22, 2025

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: BEU DI 30 WEST BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/16/25 14:52.

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: 12/16/2025
Reported: 12/22/2025
Project Name: BEU DI 30 WEST BATTERY
Project Number: 03C1558769
Project Location: XTO 32.57001-103.85208

Sampling Date: 12/15/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH01F 6' (H257790-01)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2025	ND	1.88	94.0	2.00	2.24		
Toluene*	<0.050	0.050	12/17/2025	ND	1.92	95.8	2.00	2.97		
Ethylbenzene*	<0.050	0.050	12/17/2025	ND	2.20	110	2.00	5.47		
Total Xylenes*	<0.150	0.150	12/17/2025	ND	6.80	113	6.00	6.72		
Total BTEx	<0.300	0.300	12/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 135 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/17/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2025	ND	221	111	200	1.91	
DRO >C10-C28*	<10.0	10.0	12/17/2025	ND	199	99.5	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	12/17/2025	ND					

Surrogate: 1-Chlorooctane 104 % 52.4-130

Surrogate: 1-Chlorooctadecane 108 % 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: 12/16/2025
Reported: 12/22/2025
Project Name: BEU DI 30 WEST BATTERY
Project Number: 03C1558769
Project Location: XTO 32.57001-103.85208

Sampling Date: 12/15/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH01G 7' (H257790-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2025	ND	1.88	94.0	2.00	2.24		
Toluene*	<0.050	0.050	12/17/2025	ND	1.92	95.8	2.00	2.97		
Ethylbenzene*	<0.050	0.050	12/17/2025	ND	2.20	110	2.00	5.47		
Total Xylenes*	<0.150	0.150	12/17/2025	ND	6.80	113	6.00	6.72		
Total BTEx	<0.300	0.300	12/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 133 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/17/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2025	ND	221	111	200	1.91	
DRO >C10-C28*	<10.0	10.0	12/17/2025	ND	199	99.5	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	12/17/2025	ND					

Surrogate: 1-Chlorooctane 105 % 52.4-130

Surrogate: 1-Chlorooctadecane 109 % 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: 12/16/2025
Reported: 12/22/2025
Project Name: BEU DI 30 WEST BATTERY
Project Number: 03C1558769
Project Location: XTO 32.57001-103.85208

Sampling Date: 12/15/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH02F 6' (H257790-03)

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	12/22/2025	ND	1.88	94.0	2.00	2.24		
Toluene*	<0.050	0.050	12/22/2025	ND	1.92	95.8	2.00	2.97		
Ethylbenzene*	<0.050	0.050	12/22/2025	ND	2.20	110	2.00	5.47		
Total Xylenes*	<0.150	0.150	12/22/2025	ND	6.80	113	6.00	6.72		
Total BTX	<0.300	0.300	12/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/17/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2025	ND	221	111	200	1.91	
DRO >C10-C28*	<10.0	10.0	12/17/2025	ND	199	99.5	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	12/17/2025	ND					

Surrogate: 1-Chlorooctane 107 % 52.4-130

Surrogate: 1-Chlorooctadecane 110 % 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

Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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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

Page

1061

Page 6 of 6

Company Name: Ensolum, LLC		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Tracy Hillard		Company: XTO Energy					
Address: 3122 National Parks Hwy		Attn: Robert Woodall					
City: Carlsbad		Address: 3104 E Green St					
State: NM Zip: 88220		City: Carlsbad					
Phone #: 970-210-9803		State: NM Zip: 88220					
Fax #: 970-210-9803		Phone #:					
Project #: 0361558769		Project Owner: XTO Energy					
Project Name: BEU DT 30 West Batters		City: Carlsbad					
Project Location: 32.57001, -103.85208		State: NM Zip: 88220					
Sample Name: Jacob Harrison		Fax #:					
FOR LAB USE ONLY		PRESERV		SAMPLING			
Lab I.D.	Sample I.D.	Sample Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING
ABST7790	BH01F	6	1	1	GROUNDWATER	✓	TPH (8015M/D)
3	BH01G	7	6	1	WASTEWATER	✓	Chloride (4500)
	BH02F	6	6	1	SOIL	✓	BTEX (8021B)
					OIL	✓	
					SLUDGE	✓	
					OTHER :	✓	
					ACID/BASE:	✓	
					ICE / COOL	✓	
					OTHER :	✓	
					DATE	12/5/15	
					TIME	1050	
						1144	
						1500	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.							
Relinquished By: [Signature]		Date: 12/16/15		Received By: [Signature]		Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #:	
Relinquished By: [Signature]		Time: 1:52		Received By: [Signature]		All Results are emailed. Please provide Email address: thillard@ensolum.com / tmorrissey@ensolum.com / kthomas@ensolum.com / richard.kotzur@exxonmobil.com / jharrison@ensolum.com	
Date: [Signature]		Time: [Signature]		Received By: [Signature]		REMARKS: 7/11/15 2529434018	
Delivered By: (Circle One)		Observed Temp. °C: 29.0		Sample Condition		CHECKED BY: [Signature]	
Sampler - UPS - Bus - Other: FORM-006 R 3.6 02/12/25		Corrected Temp. °C: 29.1		Cool Intact ☐ Yes ☐ No		Standard ☐ Rush ☐ 10-3: [Signature]	
				Bacteria (only) Sample Condition		Cool Intact ☐ Yes ☐ No	
				Observed Temp. °C		Corrected Temp. °C	

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



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

December 29, 2025

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: BEU DI 30 WEST BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/19/25 14:31.

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: 12/19/2025
Reported: 12/29/2025
Project Name: BEU DI 30 WEST BATTERY
Project Number: 03C1558769
Project Location: XTO 32.57001-103.85208

Sampling Date: 12/17/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BH06 0.5' (H257871-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/22/2025	ND	1.75	87.7	2.00	3.25		
Toluene*	<0.050	0.050	12/22/2025	ND	1.92	96.0	2.00	0.560		
Ethylbenzene*	<0.050	0.050	12/22/2025	ND	1.90	95.0	2.00	0.932		
Total Xylenes*	<0.150	0.150	12/22/2025	ND	5.62	93.7	6.00	2.99		
Total BTEX	<0.300	0.300	12/22/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/23/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2025	ND	211	106	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/22/2025	ND	201	100	200	3.73	
EXT DRO >C28-C36	<10.0	10.0	12/22/2025	ND					

Surrogate: 1-Chlorooctane 81.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.6 % 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: 12/19/2025
Reported: 12/29/2025
Project Name: BEU DI 30 WEST BATTERY
Project Number: 03C1558769
Project Location: XTO 32.57001-103.85208

Sampling Date: 12/17/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BH06 B 2' (H257871-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2025	ND	1.75	87.7	2.00	3.25	
Toluene*	<0.050	0.050	12/22/2025	ND	1.92	96.0	2.00	0.560	
Ethylbenzene*	<0.050	0.050	12/22/2025	ND	1.90	95.0	2.00	0.932	
Total Xylenes*	<0.150	0.150	12/22/2025	ND	5.62	93.7	6.00	2.99	
Total BTEX	<0.300	0.300	12/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	32.0	16.0	12/23/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2025	ND	211	106	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/22/2025	ND	201	100	200	3.73	
EXT DRO >C28-C36	<10.0	10.0	12/22/2025	ND					

Surrogate: 1-Chlorooctane 93.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 93.6 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 12/19/2025
Reported: 12/29/2025
Project Name: BEU DI 30 WEST BATTERY
Project Number: 03C1558769
Project Location: XTO 32.57001-103.85208

Sampling Date: 12/17/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BH06 F 6' (H257871-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/22/2025	ND	1.75	87.7	2.00	3.25		
Toluene*	<0.050	0.050	12/22/2025	ND	1.92	96.0	2.00	0.560		
Ethylbenzene*	<0.050	0.050	12/22/2025	ND	1.90	95.0	2.00	0.932		
Total Xylenes*	<0.150	0.150	12/22/2025	ND	5.62	93.7	6.00	2.99		
Total BTEX	<0.300	0.300	12/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	12/23/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2025	ND	211	106	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/22/2025	ND	201	100	200	3.73	
EXT DRO >C28-C36	<10.0	10.0	12/22/2025	ND					

Surrogate: 1-Chlorooctane 90.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 90.3 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 12/19/2025
Reported: 12/29/2025
Project Name: BEU DI 30 WEST BATTERY
Project Number: 03C1558769
Project Location: XTO 32.57001-103.85208

Sampling Date: 12/17/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BH05 0.5' (H257871-04)

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	12/22/2025	ND	1.75	87.7	2.00	3.25		
Toluene*	<0.050	0.050	12/22/2025	ND	1.92	96.0	2.00	0.560		
Ethylbenzene*	<0.050	0.050	12/22/2025	ND	1.90	95.0	2.00	0.932		
Total Xylenes*	<0.150	0.150	12/22/2025	ND	5.62	93.7	6.00	2.99		
Total BTX	<0.300	0.300	12/22/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	12/22/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2025	ND	211	106	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/22/2025	ND	201	100	200	3.73	
EXT DRO >C28-C36	<10.0	10.0	12/22/2025	ND					

Surrogate: 1-Chlorooctane 85.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 12/19/2025
Reported: 12/29/2025
Project Name: BEU DI 30 WEST BATTERY
Project Number: 03C1558769
Project Location: XTO 32.57001-103.85208

Sampling Date: 12/17/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BH05 C 3' (H257871-05)

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	12/22/2025	ND	1.75	87.7	2.00	3.25		
Toluene*	<0.050	0.050	12/22/2025	ND	1.92	96.0	2.00	0.560		
Ethylbenzene*	<0.050	0.050	12/22/2025	ND	1.90	95.0	2.00	0.932		
Total Xylenes*	<0.150	0.150	12/22/2025	ND	5.62	93.7	6.00	2.99		
Total BTX	<0.300	0.300	12/22/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/22/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2025	ND	211	106	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/22/2025	ND	201	100	200	3.73	
EXT DRO >C28-C36	<10.0	10.0	12/22/2025	ND					

Surrogate: 1-Chlorooctane 91.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 92.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 12/19/2025
Reported: 12/29/2025
Project Name: BEU DI 30 WEST BATTERY
Project Number: 03C1558769
Project Location: XTO 32.57001-103.85208

Sampling Date: 12/17/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BH05 F 6' (H257871-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/22/2025	ND	1.75	87.7	2.00	3.25		
Toluene*	<0.050	0.050	12/22/2025	ND	1.92	96.0	2.00	0.560		
Ethylbenzene*	<0.050	0.050	12/22/2025	ND	1.90	95.0	2.00	0.932		
Total Xylenes*	<0.150	0.150	12/22/2025	ND	5.62	93.7	6.00	2.99		
Total BTEx	<0.300	0.300	12/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/22/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2025	ND	211	106	200	3.56	
DRO >C10-C28*	11.4	10.0	12/22/2025	ND	201	100	200	3.73	
EXT DRO >C28-C36	15.1	10.0	12/22/2025	ND					

Surrogate: 1-Chlorooctane 85.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 86.4 % 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.
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

Page 1 of 1

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC

Project Manager: Tracy Hillard

Address: 3122 National Parks Hwy

City: Carlsbad

Phone #: 970-210-9803

Project #: 03C1558769

Project Name: BEU DI 30 West Battery

Project Location: 32.57001, -103.85208

Sampler Name: Jacob Harrison

P.O. #:

Company: XTO Energy

Attn: Robert Woodall

Address: 3104 E Green St

City: Carlsbad

State: NM **Zip:** 88220

Phone #:

Fax #:

State: NM **Zip:** 88220

Project Owner: XTO Energy

Matrix: ☐ GROUNDWATER ☐ WASTEWATER ☐ SOIL ☐ OIL ☐ SLUDGE ☐ OTHER:

Preserv: ☐ ACID/BASE: ☐ ICE / COOL ☐ OTHER:

Lab I.D.	Sample I.D.	Sample Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST					
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:			TPH (8015M/D)	Chloride (4500)	BTEX (8021B)			
42578-11	BH06	0.5	G	1							12/17/25	900						
1	BH06B	2	G	1								942						
2	BH06F	6	G	1								1115						
3	BH05	0.5	G	1								1322						
4	BH05C	3	G	1								1350						
5	BH05F	6	G	1								1435						

Relinquished By: [Signature] **Date:** 12/19/25 **Time:** 1800

Received By: [Signature] **Date:** 12/19/25 **Time:** 1800

Relinquished By: [Signature] **Date:** 12/19/25 **Time:** 1800

Received By: [Signature] **Date:** 12/19/25 **Time:** 1800

Reinquinshed By: [Signature] **Date:** 12/19/25 **Time:** 1800

Received By: [Signature] **Date:** 12/19/25 **Time:** 1800

Delivered By: (Circle One) **Observed Temp. °C:** 22.5 **Corrected Temp. °C:** 22.5

Sample Condition: ☒ Intact ☐ Cool ☐ Yes ☐ No

Checked By: [Signature] **Turnaround Time:** Standard ☒ Rush ☐

Thermometer ID #140 **Correction Factor +0.3°C** **Bacteria (only) Sample Condition:** ☐ Cool ☐ Intact ☐ Yes ☐ No

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

Remarks: CC: 2096141001 / GFCM: 48605000 / NAPP2529434018



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

December 29, 2025

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: BEU DI 30 WEST BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/19/25 14:31.

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: 12/19/2025
Reported: 12/29/2025
Project Name: BEU DI 30 WEST BATTERY
Project Number: 03C1558769
Project Location: XTO 32.57001-103.85208

Sampling Date: 12/16/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BH03 0.5' (H257872-01)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/22/2025	ND	1.75	87.7	2.00	3.25		
Toluene*	<0.050	0.050	12/22/2025	ND	1.92	96.0	2.00	0.560		
Ethylbenzene*	<0.050	0.050	12/22/2025	ND	1.90	95.0	2.00	0.932		
Total Xylenes*	<0.150	0.150	12/22/2025	ND	5.62	93.7	6.00	2.99		
Total BTEx	<0.300	0.300	12/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/22/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2025	ND	211	106	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/22/2025	ND	201	100	200	3.73	
EXT DRO >C28-C36	11.1	10.0	12/22/2025	ND					

Surrogate: 1-Chlorooctane 86.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 87.3 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 12/19/2025
Reported: 12/29/2025
Project Name: BEU DI 30 WEST BATTERY
Project Number: 03C1558769
Project Location: XTO 32.57001-103.85208

Sampling Date: 12/16/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BH03E 5' (H257872-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/22/2025	ND	1.75	87.7	2.00	3.25		
Toluene*	<0.050	0.050	12/22/2025	ND	1.92	96.0	2.00	0.560		
Ethylbenzene*	<0.050	0.050	12/22/2025	ND	1.90	95.0	2.00	0.932		
Total Xylenes*	<0.150	0.150	12/22/2025	ND	5.62	93.7	6.00	2.99		
Total BTEX	<0.300	0.300	12/22/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/22/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2025	ND	211	106	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/22/2025	ND	201	100	200	3.73	
EXT DRO >C28-C36	<10.0	10.0	12/22/2025	ND					

Surrogate: 1-Chlorooctane 92.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 92.9 % 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
TRACY HILLARD
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220
Fax To:

Received: 12/19/2025
Reported: 12/29/2025
Project Name: BEU DI 30 WEST BATTERY
Project Number: 03C1558769
Project Location: XTO 32.57001-103.85208

Sampling Date: 12/16/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BH03F 6' (H257872-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/22/2025	ND	1.75	87.7	2.00	3.25		
Toluene*	<0.050	0.050	12/22/2025	ND	1.92	96.0	2.00	0.560		
Ethylbenzene*	<0.050	0.050	12/22/2025	ND	1.90	95.0	2.00	0.932		
Total Xylenes*	<0.150	0.150	12/22/2025	ND	5.62	93.7	6.00	2.99		
Total BTEX	<0.300	0.300	12/22/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/22/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2025	ND	211	106	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/22/2025	ND	201	100	200	3.73	
EXT DRO >C28-C36	<10.0	10.0	12/22/2025	ND					

Surrogate: 1-Chlorooctane 92.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 92.5 % 39.9-141

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Analytical Results For:

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

Received: 12/19/2025
Reported: 12/29/2025
Project Name: BEU DI 30 WEST BATTERY
Project Number: 03C1558769
Project Location: XTO 32.57001-103.85208

Sampling Date: 12/16/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BH04 0.5' (H257872-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/22/2025	ND	1.75	87.7	2.00	3.25		
Toluene*	<0.050	0.050	12/22/2025	ND	1.92	96.0	2.00	0.560		
Ethylbenzene*	<0.050	0.050	12/22/2025	ND	1.90	95.0	2.00	0.932		
Total Xylenes*	<0.150	0.150	12/22/2025	ND	5.62	93.7	6.00	2.99		
Total BTEx	<0.300	0.300	12/22/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	12/22/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2025	ND	190	94.9	200	2.25	
DRO >C10-C28*	<10.0	10.0	12/22/2025	ND	208	104	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	12/22/2025	ND					

Surrogate: 1-Chlorooctane 80.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.7 % 39.9-141

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Analytical Results For:

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

Received: 12/19/2025
Reported: 12/29/2025
Project Name: BEU DI 30 WEST BATTERY
Project Number: 03C1558769
Project Location: XTO 32.57001-103.85208

Sampling Date: 12/16/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BH04B 2' (H257872-05)

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	12/23/2025	ND	2.03	101	2.00	2.03		
Toluene*	<0.050	0.050	12/23/2025	ND	2.00	100	2.00	1.05		
Ethylbenzene*	<0.050	0.050	12/23/2025	ND	1.97	98.5	2.00	0.954		
Total Xylenes*	<0.150	0.150	12/23/2025	ND	6.08	101	6.00	0.880		
Total BTX	<0.300	0.300	12/23/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	12/22/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2025	ND	190	94.9	200	2.25	
DRO >C10-C28*	<10.0	10.0	12/22/2025	ND	208	104	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	12/22/2025	ND					

Surrogate: 1-Chlorooctane 81.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.6 % 39.9-141

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Analytical Results For:

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

Received: 12/19/2025
Reported: 12/29/2025
Project Name: BEU DI 30 WEST BATTERY
Project Number: 03C1558769
Project Location: XTO 32.57001-103.85208

Sampling Date: 12/16/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BH04F 6' (H257872-06)

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	12/23/2025	ND	2.03	101	2.00	2.03		
Toluene*	<0.050	0.050	12/23/2025	ND	2.00	100	2.00	1.05		
Ethylbenzene*	<0.050	0.050	12/23/2025	ND	1.97	98.5	2.00	0.954		
Total Xylenes*	<0.150	0.150	12/23/2025	ND	6.08	101	6.00	0.880		
Total BTX	<0.300	0.300	12/23/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	12/22/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2025	ND	190	94.9	200	2.25	
DRO >C10-C28*	<10.0	10.0	12/22/2025	ND	208	104	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	12/22/2025	ND					

Surrogate: 1-Chlorooctane 86.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 81.9 % 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.
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

Page 1 of 1

Company Name: Ensolum, LLC		P.O. #:		BILL TO				ANALYSIS REQUEST			
Project Manager: Tracy Hillard		Company: XTO Energy									
Address: 3122 National Parks Hwy		Attn: Robert Woodall									
City: Carlsbad		Address: 3104 E Green St									
Phone #: 970-210-9803		City: Carlsbad									
Project #: 03C1558769		State: NM Zip: 88220									
Project Name: BEU DI 30 West Battery		State: NM Zip: 88220									
Project Location: 32.57001, -103.85208		Phone #:									
Sampler Name: Jacob Harrison		Fax #:									
FOR LAB USE ONLY											
Lab I.D.	Sample I.D.	Sample Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX			PRESERV	SAMPLING		
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	DATE
					ACID/BASE:	ICE / COOL	OTHER :				TIME
11357872	BH103	0.5	G	1							12/6/25
	BH03E	5	G	1							956
	BH03F	6	G	1							1111
	BH04	0.5	G	1							1136
	BH04B	2	G	1							1257
	BH04F	6	G	1							1326
											1508
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Relinquished By:	Date: 12/18/2025	Received By:	Date: 12/19/25								
Relinquished By:	Date: 12/19/25	Received By:	Date: 12/19/25								
Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY: (Initials)								
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool Intact									
FORM-006 R 3.6 02/12/25	3.0	Yes									
		No									
Turnaround Time: Standard ☒ Rush ☐											
Thermometer ID #140											
Correction Factor +0.3°C											
Bacteria (only) Sample Condition											
Cool Intact											
Yes											
No											
Corrected Temp. °C											
CC: 2096141001 / GFCM: 48605000 / NAPP2529434018 REMARKS: Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address: thillard@ensolum.com / tmorrissey@ensolum.com / kthomason@ensolum.com / richard.kotzur@exxomobill.com / jharrison@ensolum.com											

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Tracy Hillard

Ensolum

601 N. Marienfeld St.

Suite 400

Midland, Texas 79701

Generated 11/17/2025 12:43:09 PM

JOB DESCRIPTION

BEU DI 30 WEST Battery

03C1558769

JOB NUMBER

890-9029-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.



Eurofins Carlsbad

Job Notes

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

Authorization



Generated
11/17/2025 12:43:09 PM

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

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Laboratory Job ID: 890-9029-1
SDG: 03C1558769

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Definitions/Glossary

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Ensolum
Project: BEU DI 30 WEST Battery

Job ID: 890-9029-1

Job ID: 890-9029-1

Eurofins Carlsbad

Job Narrative
890-9029-1

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 11/6/2025 10:08 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: BH01 (890-9029-1), BH02 (890-9029-2), BH01A (890-9029-3), BH02A (890-9029-4), BH01B (890-9029-5), BH02B (890-9029-6), BH01C (890-9029-7), BH02C (890-9029-8), BH01D (890-9029-9), BH02D (890-9029-10), BH01E (890-9029-11) and BH02E (890-9029-12).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: BH01 (890-9029-1), BH02 (890-9029-2), BH01A (890-9029-3), BH02A (890-9029-4), BH01B (890-9029-5), BH02B (890-9029-6), BH01C (890-9029-7), BH02C (890-9029-8), BH01D (890-9029-9), BH02D (890-9029-10) and BH02E (890-9029-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: BH01 (890-9029-1), (CCV 880-124018/20) and (880-64721-A-1-F). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: BH01B (890-9029-5), BH02B (890-9029-6), BH01C (890-9029-7), BH02C (890-9029-8), BH01D (890-9029-9), BH02D (890-9029-10), BH01E (890-9029-11) and BH02E (890-9029-12). Elevated reporting limits (RLs) are provided.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-123644 and analytical batch 880-124018 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (LCS 880-123644/1-A), (LCSD 880-123644/2-A), (880-64721-A-1-D MS) and (880-64721-A-1-E MSD). Evidence of matrix interferences is not obvious.

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-123310/2-A) and (LCSD 880-123310/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: BH01 (890-9029-1), BH02 (890-9029-2) and BH01A (890-9029-3). Evidence of matrix interference due to high target analytes is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

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

Eurofins Carlsbad

Case Narrative

Client: Ensolum
Project: BEU DI 30 WEST Battery

Job ID: 890-9029-1

Job ID: 890-9029-1 (Continued) **Eurofins Carlsbad**

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Client Sample Results

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

Client Sample ID: BH01

Lab Sample ID: 890-9029-1

Date Collected: 11/04/25 09:39

Matrix: Solid

Date Received: 11/06/25 10:08

Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	119		1.99	mg/Kg		11/13/25 20:20	11/14/25 12:14	1000
Toluene	1640		10.1	mg/Kg		11/14/25 13:52	11/14/25 18:13	5000
Ethylbenzene	171		1.99	mg/Kg		11/13/25 20:20	11/14/25 12:14	1000
m-Xylene & p-Xylene	314		3.98	mg/Kg		11/13/25 20:20	11/14/25 12:14	1000
o-Xylene	117		1.99	mg/Kg		11/13/25 20:20	11/14/25 12:14	1000
Xylenes, Total	431		3.98	mg/Kg		11/13/25 20:20	11/14/25 12:14	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	212	S1+	70 - 130	11/13/25 20:20	11/14/25 12:14	1000
1,4-Difluorobenzene (Surr)	95		70 - 130	11/13/25 20:20	11/14/25 12:14	1000

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2360		3.98	mg/Kg			11/14/25 18:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	32800		996	mg/Kg			11/11/25 21:26	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	11600		996	mg/Kg		11/07/25 11:14	11/11/25 21:26	20
Diesel Range Organics (Over C10-C28)	21200		996	mg/Kg		11/07/25 11:14	11/11/25 21:26	20
Oil Range Organics (Over C28-C36)	<996	U	996	mg/Kg		11/07/25 11:14	11/11/25 21:26	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	193	S1+	70 - 130	11/07/25 11:14	11/11/25 21:26	20
o-Terphenyl	280	S1+	70 - 130	11/07/25 11:14	11/11/25 21:26	20

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.4		10.0	mg/Kg			11/12/25 03:49	1

Client Sample ID: BH02

Lab Sample ID: 890-9029-2

Date Collected: 11/04/25 10:01

Matrix: Solid

Date Received: 11/06/25 10:08

Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	77.6		2.00	mg/Kg		11/13/25 20:20	11/14/25 12:34	1000
Toluene	362		2.00	mg/Kg		11/13/25 20:20	11/14/25 12:34	1000
Ethylbenzene	135		2.00	mg/Kg		11/13/25 20:20	11/14/25 12:34	1000
m-Xylene & p-Xylene	251		3.99	mg/Kg		11/13/25 20:20	11/14/25 12:34	1000
o-Xylene	92.8		2.00	mg/Kg		11/13/25 20:20	11/14/25 12:34	1000
Xylenes, Total	344		3.99	mg/Kg		11/13/25 20:20	11/14/25 12:34	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	209	S1+	70 - 130	11/13/25 20:20	11/14/25 12:34	1000

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Client Sample Results

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

Client Sample ID: BH02

Lab Sample ID: 890-9029-2

Date Collected: 11/04/25 10:01

Matrix: Solid

Date Received: 11/06/25 10:08

Sample Depth: 0.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	96		70 - 130	11/13/25 20:20	11/14/25 12:34	1000

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	918		3.99	mg/Kg			11/14/25 12:34	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	34500		997	mg/Kg			11/11/25 21:47	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	11800		997	mg/Kg		11/07/25 11:14	11/11/25 21:47	20
Diesel Range Organics (Over C10-C28)	22700		997	mg/Kg		11/07/25 11:14	11/11/25 21:47	20
Oil Range Organics (Over C28-C36)	<997	U	997	mg/Kg		11/07/25 11:14	11/11/25 21:47	20
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	194	S1+	70 - 130			11/07/25 11:14	11/11/25 21:47	20
o-Terphenyl	294	S1+	70 - 130			11/07/25 11:14	11/11/25 21:47	20

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	183		10.0	mg/Kg			11/12/25 03:55	1

Client Sample ID: BH01A

Lab Sample ID: 890-9029-3

Date Collected: 11/04/25 09:46

Matrix: Solid

Date Received: 11/06/25 10:08

Sample Depth: 1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	89.7		2.01	mg/Kg		11/13/25 20:20	11/14/25 12:55	1000
Toluene	356		2.01	mg/Kg		11/13/25 20:20	11/14/25 12:55	1000
Ethylbenzene	116		2.01	mg/Kg		11/13/25 20:20	11/14/25 12:55	1000
m-Xylene & p-Xylene	216		4.02	mg/Kg		11/13/25 20:20	11/14/25 12:55	1000
o-Xylene	99.8		2.01	mg/Kg		11/13/25 20:20	11/14/25 12:55	1000
Xylenes, Total	316		4.02	mg/Kg		11/13/25 20:20	11/14/25 12:55	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	187	S1+	70 - 130	11/13/25 20:20	11/14/25 12:55	1000
1,4-Difluorobenzene (Surr)	91		70 - 130	11/13/25 20:20	11/14/25 12:55	1000

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	878		4.02	mg/Kg			11/14/25 12:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	18700		500	mg/Kg			11/11/25 22:06	1

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Client Sample Results

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

Client Sample ID: BH01A

Lab Sample ID: 890-9029-3

Date Collected: 11/04/25 09:46

Matrix: Solid

Date Received: 11/06/25 10:08

Sample Depth: 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	6770		500	mg/Kg		11/07/25 11:14	11/11/25 22:06	10
Diesel Range Organics (Over C10-C28)	11900		500	mg/Kg		11/07/25 11:14	11/11/25 22:06	10
Oil Range Organics (Over C28-C36)	<500	U	500	mg/Kg		11/07/25 11:14	11/11/25 22:06	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	141	S1+	70 - 130			11/07/25 11:14	11/11/25 22:06	10
o-Terphenyl	152	S1+	70 - 130			11/07/25 11:14	11/11/25 22:06	10

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.6		10.1	mg/Kg			11/12/25 04:01	1

Client Sample ID: BH02A

Lab Sample ID: 890-9029-4

Date Collected: 11/04/25 10:20

Matrix: Solid

Date Received: 11/06/25 10:08

Sample Depth: 1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	31.8		2.02	mg/Kg		11/13/25 20:20	11/14/25 13:15	1000
Toluene	198		2.02	mg/Kg		11/13/25 20:20	11/14/25 13:15	1000
Ethylbenzene	83.8		2.02	mg/Kg		11/13/25 20:20	11/14/25 13:15	1000
m-Xylene & p-Xylene	165		4.04	mg/Kg		11/13/25 20:20	11/14/25 13:15	1000
o-Xylene	80.3		2.02	mg/Kg		11/13/25 20:20	11/14/25 13:15	1000
Xylenes, Total	245		4.04	mg/Kg		11/13/25 20:20	11/14/25 13:15	1000
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	180	S1+	70 - 130			11/13/25 20:20	11/14/25 13:15	1000
1,4-Difluorobenzene (Surr)	89		70 - 130			11/13/25 20:20	11/14/25 13:15	1000

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	559		4.04	mg/Kg			11/14/25 13:15	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	14100		499	mg/Kg			11/11/25 22:25	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	4190		499	mg/Kg		11/07/25 11:14	11/11/25 22:25	10
Diesel Range Organics (Over C10-C28)	9880		499	mg/Kg		11/07/25 11:14	11/11/25 22:25	10
Oil Range Organics (Over C28-C36)	<499	U	499	mg/Kg		11/07/25 11:14	11/11/25 22:25	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130			11/07/25 11:14	11/11/25 22:25	10
o-Terphenyl	124		70 - 130			11/07/25 11:14	11/11/25 22:25	10

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Client Sample Results

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

Client Sample ID: BH02A

Lab Sample ID: 890-9029-4

Date Collected: 11/04/25 10:20

Matrix: Solid

Date Received: 11/06/25 10:08

Sample Depth: 1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	161		9.94	mg/Kg			11/12/25 04:06	1

Client Sample ID: BH01B

Lab Sample ID: 890-9029-5

Date Collected: 11/04/25 11:36

Matrix: Solid

Date Received: 11/06/25 10:08

Sample Depth: 2

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.880		0.0199	mg/Kg		11/13/25 20:20	11/14/25 15:19	10
Toluene	4.53		0.201	mg/Kg		11/16/25 16:48	11/16/25 20:12	100
Ethylbenzene	2.95		0.201	mg/Kg		11/16/25 16:48	11/16/25 20:12	100
m-Xylene & p-Xylene	6.28		0.402	mg/Kg		11/16/25 16:48	11/16/25 20:12	100
o-Xylene	3.75		0.0199	mg/Kg		11/13/25 20:20	11/14/25 15:19	10
Xylenes, Total	8.57		0.402	mg/Kg		11/16/25 16:48	11/16/25 20:12	100
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	523	S1+	70 - 130			11/13/25 20:20	11/14/25 15:19	10
1,4-Difluorobenzene (Surr)	94		70 - 130			11/13/25 20:20	11/14/25 15:19	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	18.4		0.402	mg/Kg			11/16/25 20:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1190		50.0	mg/Kg			11/11/25 22:45	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	138		50.0	mg/Kg		11/07/25 11:14	11/11/25 22:45	1
Diesel Range Organics (Over C10-C28)	1050		50.0	mg/Kg		11/07/25 11:14	11/11/25 22:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		11/07/25 11:14	11/11/25 22:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130			11/07/25 11:14	11/11/25 22:45	1
o-Terphenyl	102		70 - 130			11/07/25 11:14	11/11/25 22:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.1		9.96	mg/Kg			11/12/25 04:12	1

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Client Sample Results

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

Client Sample ID: BH02B

Lab Sample ID: 890-9029-6

Date Collected: 11/04/25 11:33

Matrix: Solid

Date Received: 11/06/25 10:08

Sample Depth: 2

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.111		0.0198	mg/Kg		11/13/25 20:20	11/14/25 15:39	10
Toluene	1.17		0.0198	mg/Kg		11/13/25 20:20	11/14/25 15:39	10
Ethylbenzene	1.32		0.0198	mg/Kg		11/13/25 20:20	11/14/25 15:39	10
m-Xylene & p-Xylene	3.57		0.0396	mg/Kg		11/13/25 20:20	11/14/25 15:39	10
o-Xylene	2.09		0.0198	mg/Kg		11/13/25 20:20	11/14/25 15:39	10
Xylenes, Total	5.66		0.0396	mg/Kg		11/13/25 20:20	11/14/25 15:39	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	356	S1+	70 - 130	11/13/25 20:20	11/14/25 15:39	10
1,4-Difluorobenzene (Surr)	97		70 - 130	11/13/25 20:20	11/14/25 15:39	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	8.26		0.0396	mg/Kg			11/14/25 15:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	942		50.1	mg/Kg			11/11/25 23:04	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	83.0		50.1	mg/Kg		11/07/25 11:14	11/11/25 23:04	1
Diesel Range Organics (Over C10-C28)	859		50.1	mg/Kg		11/07/25 11:14	11/11/25 23:04	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		11/07/25 11:14	11/11/25 23:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	11/07/25 11:14	11/11/25 23:04	1
o-Terphenyl	90		70 - 130	11/07/25 11:14	11/11/25 23:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.8		9.92	mg/Kg			11/12/25 04:30	1

Client Sample ID: BH01C

Lab Sample ID: 890-9029-7

Date Collected: 11/04/25 12:00

Matrix: Solid

Date Received: 11/06/25 10:08

Sample Depth: 3

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200	mg/Kg		11/13/25 20:20	11/14/25 16:00	10
Toluene	0.153		0.0200	mg/Kg		11/13/25 20:20	11/14/25 16:00	10
Ethylbenzene	0.313		0.0200	mg/Kg		11/13/25 20:20	11/14/25 16:00	10
m-Xylene & p-Xylene	0.989		0.0399	mg/Kg		11/13/25 20:20	11/14/25 16:00	10
o-Xylene	0.920		0.0200	mg/Kg		11/13/25 20:20	11/14/25 16:00	10
Xylenes, Total	1.91		0.0399	mg/Kg		11/13/25 20:20	11/14/25 16:00	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	233	S1+	70 - 130	11/13/25 20:20	11/14/25 16:00	10

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Client Sample Results

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

Client Sample ID: BH01C

Lab Sample ID: 890-9029-7

Date Collected: 11/04/25 12:00

Matrix: Solid

Date Received: 11/06/25 10:08

Sample Depth: 3

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	92		70 - 130	11/13/25 20:20	11/14/25 16:00	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.38		0.0399	mg/Kg			11/14/25 16:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	456		49.9	mg/Kg			11/11/25 23:23	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		11/07/25 11:14	11/11/25 23:23	1
Diesel Range Organics (Over C10-C28)	456		49.9	mg/Kg		11/07/25 11:14	11/11/25 23:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		11/07/25 11:14	11/11/25 23:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130			11/07/25 11:14	11/11/25 23:23	1
o-Terphenyl	96		70 - 130			11/07/25 11:14	11/11/25 23:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.5		9.90	mg/Kg			11/12/25 04:36	1

Client Sample ID: BH02C

Lab Sample ID: 890-9029-8

Date Collected: 11/04/25 12:04

Matrix: Solid

Date Received: 11/06/25 10:08

Sample Depth: 3

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0872		0.0201	mg/Kg		11/13/25 20:20	11/14/25 16:20	10
Toluene	0.256		0.0201	mg/Kg		11/13/25 20:20	11/14/25 16:20	10
Ethylbenzene	0.165		0.0201	mg/Kg		11/13/25 20:20	11/14/25 16:20	10
m-Xylene & p-Xylene	0.583		0.0402	mg/Kg		11/13/25 20:20	11/14/25 16:20	10
o-Xylene	0.595		0.0201	mg/Kg		11/13/25 20:20	11/14/25 16:20	10
Xylenes, Total	1.18		0.0402	mg/Kg		11/13/25 20:20	11/14/25 16:20	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130	11/13/25 20:20	11/14/25 16:20	10
1,4-Difluorobenzene (Surr)	89		70 - 130	11/13/25 20:20	11/14/25 16:20	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.69		0.0402	mg/Kg			11/14/25 16:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	363		50.0	mg/Kg			11/11/25 23:44	1

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Client Sample Results

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

Client Sample ID: BH02C

Lab Sample ID: 890-9029-8

Date Collected: 11/04/25 12:04

Matrix: Solid

Date Received: 11/06/25 10:08

Sample Depth: 3

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		11/07/25 11:14	11/11/25 23:44	1
Diesel Range Organics (Over C10-C28)	363		50.0	mg/Kg		11/07/25 11:14	11/11/25 23:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		11/07/25 11:14	11/11/25 23:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130			11/07/25 11:14	11/11/25 23:44	1
o-Terphenyl	94		70 - 130			11/07/25 11:14	11/11/25 23:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.3		9.98	mg/Kg			11/12/25 04:53	1

Client Sample ID: BH01D

Lab Sample ID: 890-9029-9

Date Collected: 11/04/25 13:11

Matrix: Solid

Date Received: 11/06/25 10:08

Sample Depth: 4

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0557		0.0201	mg/Kg		11/13/25 20:20	11/14/25 16:40	10
Toluene	0.826		0.0201	mg/Kg		11/13/25 20:20	11/14/25 16:40	10
Ethylbenzene	1.15		0.0201	mg/Kg		11/13/25 20:20	11/14/25 16:40	10
m-Xylene & p-Xylene	2.58		0.0402	mg/Kg		11/13/25 20:20	11/14/25 16:40	10
o-Xylene	1.12		0.0201	mg/Kg		11/13/25 20:20	11/14/25 16:40	10
Xylenes, Total	3.70		0.0402	mg/Kg		11/13/25 20:20	11/14/25 16:40	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	299	S1+	70 - 130			11/13/25 20:20	11/14/25 16:40	10
1,4-Difluorobenzene (Surr)	90		70 - 130			11/13/25 20:20	11/14/25 16:40	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.73		0.0402	mg/Kg			11/14/25 16:40	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1130		49.8	mg/Kg			11/12/25 00:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	64.2		49.8	mg/Kg		11/07/25 11:14	11/12/25 00:02	1
Diesel Range Organics (Over C10-C28)	1070		49.8	mg/Kg		11/07/25 11:14	11/12/25 00:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		11/07/25 11:14	11/12/25 00:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130			11/07/25 11:14	11/12/25 00:02	1
o-Terphenyl	98		70 - 130			11/07/25 11:14	11/12/25 00:02	1

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Client Sample Results

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

Client Sample ID: BH01D

Lab Sample ID: 890-9029-9

Date Collected: 11/04/25 13:11

Matrix: Solid

Date Received: 11/06/25 10:08

Sample Depth: 4

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.6		10.0	mg/Kg			11/12/25 04:59	1

Client Sample ID: BH02D

Lab Sample ID: 890-9029-10

Date Collected: 11/04/25 13:06

Matrix: Solid

Date Received: 11/06/25 10:08

Sample Depth: 4

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199	mg/Kg		11/13/25 20:20	11/14/25 17:01	10
Toluene	0.103		0.0199	mg/Kg		11/13/25 20:20	11/14/25 17:01	10
Ethylbenzene	0.109		0.0199	mg/Kg		11/13/25 20:20	11/14/25 17:01	10
m-Xylene & p-Xylene	0.312		0.0398	mg/Kg		11/13/25 20:20	11/14/25 17:01	10
o-Xylene	2.82		0.0199	mg/Kg		11/13/25 20:20	11/14/25 17:01	10
Xylenes, Total	3.13		0.0398	mg/Kg		11/13/25 20:20	11/14/25 17:01	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130			11/13/25 20:20	11/14/25 17:01	10
1,4-Difluorobenzene (Surr)	74		70 - 130			11/13/25 20:20	11/14/25 17:01	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	3.34		0.0398	mg/Kg			11/14/25 17:01	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	278		49.9	mg/Kg			11/12/25 00:42	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		11/07/25 11:14	11/12/25 00:42	1
Diesel Range Organics (Over C10-C28)	278		49.9	mg/Kg		11/07/25 11:14	11/12/25 00:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		11/07/25 11:14	11/12/25 00:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130			11/07/25 11:14	11/12/25 00:42	1
o-Terphenyl	84		70 - 130			11/07/25 11:14	11/12/25 00:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.3		9.92	mg/Kg			11/12/25 05:05	1

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Client Sample Results

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

Client Sample ID: BH01E

Lab Sample ID: 890-9029-11

Date Collected: 11/04/25 13:30

Matrix: Solid

Date Received: 11/06/25 10:08

Sample Depth: 5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0347		0.0198	mg/Kg		11/13/25 20:20	11/14/25 17:21	10
Toluene	0.0525		0.0198	mg/Kg		11/13/25 20:20	11/14/25 17:21	10
Ethylbenzene	<0.0198	U	0.0198	mg/Kg		11/13/25 20:20	11/14/25 17:21	10
m-Xylene & p-Xylene	<0.0396	U	0.0396	mg/Kg		11/13/25 20:20	11/14/25 17:21	10
o-Xylene	0.856		0.0198	mg/Kg		11/13/25 20:20	11/14/25 17:21	10
Xylenes, Total	0.856		0.0396	mg/Kg		11/13/25 20:20	11/14/25 17:21	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	11/13/25 20:20	11/14/25 17:21	10
1,4-Difluorobenzene (Surr)	87		70 - 130	11/13/25 20:20	11/14/25 17:21	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.943		0.0396	mg/Kg			11/14/25 17:21	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	134		50.0	mg/Kg			11/12/25 01:01	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		11/07/25 11:14	11/12/25 01:01	1
Diesel Range Organics (Over C10-C28)	134		50.0	mg/Kg		11/07/25 11:14	11/12/25 01:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		11/07/25 11:14	11/12/25 01:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	11/07/25 11:14	11/12/25 01:01	1
o-Terphenyl	95		70 - 130	11/07/25 11:14	11/12/25 01:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.4		9.90	mg/Kg			11/12/25 05:11	1

Client Sample ID: BH02E

Lab Sample ID: 890-9029-12

Date Collected: 11/04/25 13:36

Matrix: Solid

Date Received: 11/06/25 10:08

Sample Depth: 5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0682		0.0200	mg/Kg		11/13/25 20:20	11/14/25 17:42	10
Toluene	0.294		0.0200	mg/Kg		11/13/25 20:20	11/14/25 17:42	10
Ethylbenzene	0.201		0.0200	mg/Kg		11/13/25 20:20	11/14/25 17:42	10
m-Xylene & p-Xylene	0.453		0.0399	mg/Kg		11/13/25 20:20	11/14/25 17:42	10
o-Xylene	0.197		0.0200	mg/Kg		11/13/25 20:20	11/14/25 17:42	10
Xylenes, Total	0.650		0.0399	mg/Kg		11/13/25 20:20	11/14/25 17:42	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	161	S1+	70 - 130	11/13/25 20:20	11/14/25 17:42	10

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Client Sample Results

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

Client Sample ID: BH02E

Lab Sample ID: 890-9029-12

Date Collected: 11/04/25 13:36

Matrix: Solid

Date Received: 11/06/25 10:08

Sample Depth: 5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	94		70 - 130	11/13/25 20:20	11/14/25 17:42	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.21		0.0399	mg/Kg			11/14/25 17:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	364		50.0	mg/Kg			11/12/25 01:20	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		11/07/25 11:14	11/12/25 01:20	1
Diesel Range Organics (Over C10-C28)	364		50.0	mg/Kg		11/07/25 11:14	11/12/25 01:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		11/07/25 11:14	11/12/25 01:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130			11/07/25 11:14	11/12/25 01:20	1
o-Terphenyl	96		70 - 130			11/07/25 11:14	11/12/25 01:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	138		10.0	mg/Kg			11/12/25 05:17	1

Surrogate Summary

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-64704-A-99-D MS	Matrix Spike	121	95
880-64704-A-99-E MSD	Matrix Spike Duplicate	125	96
880-64721-A-1-D MS	Matrix Spike	146 S1+	77
880-64721-A-1-E MSD	Matrix Spike Duplicate	161 S1+	106
890-9029-1	BH01	212 S1+	95
890-9029-2	BH02	209 S1+	96
890-9029-3	BH01A	187 S1+	91
890-9029-4	BH02A	180 S1+	89
890-9029-5	BH01B	523 S1+	94
890-9029-6	BH02B	356 S1+	97
890-9029-7	BH01C	233 S1+	92
890-9029-8	BH02C	147 S1+	89
890-9029-9	BH01D	299 S1+	90
890-9029-10	BH02D	131 S1+	74
890-9029-11	BH01E	100	87
890-9029-12	BH02E	161 S1+	94
890-9060-A-10-D MS	Matrix Spike	106	108
890-9060-A-10-E MSD	Matrix Spike Duplicate	104	117
LCS 880-123644/1-A	Lab Control Sample	176 S1+	92
LCS 880-124003/1-A	Lab Control Sample	120	98
LCS 880-124132/1-A	Lab Control Sample	103	101
LCSD 880-123644/2-A	Lab Control Sample Dup	160 S1+	100
LCSD 880-124003/2-A	Lab Control Sample Dup	118	95
LCSD 880-124132/2-A	Lab Control Sample Dup	103	99
MB 880-123644/5-A	Method Blank	263 S1+	116
MB 880-124003/5-A	Method Blank	109	87
MB 880-124132/5-A	Method Blank	113	94
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-9028-A-19-B MS	Matrix Spike	86	83
890-9028-A-19-C MSD	Matrix Spike Duplicate	82	73
890-9029-1	BH01	193 S1+	280 S1+
890-9029-2	BH02	194 S1+	294 S1+
890-9029-3	BH01A	141 S1+	152 S1+
890-9029-4	BH02A	130	124
890-9029-5	BH01B	103	102
890-9029-6	BH02B	92	90
890-9029-7	BH01C	93	96
890-9029-8	BH02C	89	94
890-9029-9	BH01D	98	98
890-9029-10	BH02D	83	84

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Surrogate Summary

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-9029-11	BH01E	90	95
890-9029-12	BH02E	90	96
LCS 880-123310/2-A	Lab Control Sample	142 S1+	132 S1+
LCSD 880-123310/3-A	Lab Control Sample Dup	142 S1+	129
MB 880-123310/1-A	Method Blank	129	130
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-123644/5-A

Matrix: Solid

Analysis Batch: 124018

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 123644

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		11/11/25 08:37	11/14/25 10:10	1
Toluene	<0.00200	U	0.00200	mg/Kg		11/11/25 08:37	11/14/25 10:10	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		11/11/25 08:37	11/14/25 10:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		11/11/25 08:37	11/14/25 10:10	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		11/11/25 08:37	11/14/25 10:10	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		11/11/25 08:37	11/14/25 10:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	263	S1+	70 - 130	11/11/25 08:37	11/14/25 10:10	1
1,4-Difluorobenzene (Surr)	116		70 - 130	11/11/25 08:37	11/14/25 10:10	1

Lab Sample ID: LCS 880-123644/1-A

Matrix: Solid

Analysis Batch: 124018

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 123644

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09694		mg/Kg		97	70 - 130
Toluene	0.100	0.1064		mg/Kg		106	70 - 130
Ethylbenzene	0.100	0.1068		mg/Kg		107	70 - 130
m-Xylene & p-Xylene	0.200	0.2176		mg/Kg		109	70 - 130
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	176	S1+	70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: LCSD 880-123644/2-A

Matrix: Solid

Analysis Batch: 124018

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 123644

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09769		mg/Kg		98	70 - 130	1	35
Toluene	0.100	0.1065		mg/Kg		107	70 - 130	0	35
Ethylbenzene	0.100	0.1077		mg/Kg		108	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2178		mg/Kg		109	70 - 130	0	35
o-Xylene	0.100	0.1151		mg/Kg		115	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	160	S1+	70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-64721-A-1-D MS

Matrix: Solid

Analysis Batch: 124018

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 123644

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.07862		mg/Kg		79	70 - 130
Toluene	<0.00201	U	0.100	0.08713		mg/Kg		87	70 - 130

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QC Sample Results

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

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

Lab Sample ID: 880-64721-A-1-D MS

Matrix: Solid

Analysis Batch: 124018

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 123644

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.100	0.08813		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1778		mg/Kg		89	70 - 130
o-Xylene	<0.00201	U	0.100	0.09039		mg/Kg		90	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130
1,4-Difluorobenzene (Surr)	77		70 - 130

Lab Sample ID: 880-64721-A-1-E MSD

Matrix: Solid

Analysis Batch: 124018

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 123644

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.08142		mg/Kg		81	70 - 130	4	35
Toluene	<0.00201	U	0.100	0.09269		mg/Kg		93	70 - 130	6	35
Ethylbenzene	<0.00201	U	0.100	0.09669		mg/Kg		97	70 - 130	9	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2117		mg/Kg		106	70 - 130	17	35
o-Xylene	<0.00201	U	0.100	0.1039		mg/Kg		104	70 - 130	14	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	161	S1+	70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: MB 880-124003/5-A

Matrix: Solid

Analysis Batch: 124016

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 124003

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		11/13/25 20:20	11/14/25 09:50	1
Toluene	<0.00200	U	0.00200	mg/Kg		11/13/25 20:20	11/14/25 09:50	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		11/13/25 20:20	11/14/25 09:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		11/13/25 20:20	11/14/25 09:50	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		11/13/25 20:20	11/14/25 09:50	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		11/13/25 20:20	11/14/25 09:50	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	11/13/25 20:20	11/14/25 09:50	1
1,4-Difluorobenzene (Surr)	87		70 - 130	11/13/25 20:20	11/14/25 09:50	1

Lab Sample ID: LCS 880-124003/1-A

Matrix: Solid

Analysis Batch: 124016

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 124003

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1034		mg/Kg		103	70 - 130
Toluene	0.100	0.09468		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.1018		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.200	0.1980		mg/Kg		99	70 - 130

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QC Sample Results

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

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

Lab Sample ID: LCS 880-124003/1-A

Matrix: Solid

Analysis Batch: 124016

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 124003

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09976		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-124003/2-A

Matrix: Solid

Analysis Batch: 124016

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 124003

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1075		mg/Kg		107	70 - 130	4	35
Toluene	0.100	0.09990		mg/Kg		100	70 - 130	5	35
Ethylbenzene	0.100	0.1059		mg/Kg		106	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2051		mg/Kg		103	70 - 130	3	35
o-Xylene	0.100	0.1043		mg/Kg		104	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-64704-A-99-D MS

Matrix: Solid

Analysis Batch: 124016

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 124003

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1167		mg/Kg		117	70 - 130
Toluene	<0.00200	U	0.100	0.1090		mg/Kg		109	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1186		mg/Kg		119	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2344		mg/Kg		117	70 - 130
o-Xylene	<0.00200	U	0.100	0.1165		mg/Kg		116	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-64704-A-99-E MSD

Matrix: Solid

Analysis Batch: 124016

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 124003

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.1106		mg/Kg		111	70 - 130	5	35
Toluene	<0.00200	U	0.100	0.1037		mg/Kg		104	70 - 130	5	35
Ethylbenzene	<0.00200	U	0.100	0.1133		mg/Kg		113	70 - 130	4	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2241		mg/Kg		112	70 - 130	4	35
o-Xylene	<0.00200	U	0.100	0.1113		mg/Kg		111	70 - 130	5	35

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QC Sample Results

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

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

Lab Sample ID: 880-64704-A-99-E MSD

Matrix: Solid

Analysis Batch: 124016

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 124003

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	125		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: MB 880-124132/5-A

Matrix: Solid

Analysis Batch: 124130

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 124132

	MB	MB							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200	mg/Kg		11/16/25 16:48	11/16/25 19:09	1	
Toluene	<0.00200	U	0.00200	mg/Kg		11/16/25 16:48	11/16/25 19:09	1	
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		11/16/25 16:48	11/16/25 19:09	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		11/16/25 16:48	11/16/25 19:09	1	
o-Xylene	<0.00200	U	0.00200	mg/Kg		11/16/25 16:48	11/16/25 19:09	1	
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		11/16/25 16:48	11/16/25 19:09	1	

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	113		70 - 130	11/16/25 16:48	11/16/25 19:09	1			
1,4-Difluorobenzene (Surr)	94		70 - 130	11/16/25 16:48	11/16/25 19:09	1			

Lab Sample ID: LCS 880-124132/1-A

Matrix: Solid

Analysis Batch: 124130

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 124132

	Spike	LCS	LCS					%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	0.100	0.09695		mg/Kg		97	70 - 130		
Toluene	0.100	0.08058		mg/Kg		81	70 - 130		
Ethylbenzene	0.100	0.09876		mg/Kg		99	70 - 130		
m-Xylene & p-Xylene	0.200	0.2049		mg/Kg		102	70 - 130		
o-Xylene	0.100	0.1062		mg/Kg		106	70 - 130		

	LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	103		70 - 130						
1,4-Difluorobenzene (Surr)	101		70 - 130						

Lab Sample ID: LCSD 880-124132/2-A

Matrix: Solid

Analysis Batch: 124130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 124132

	Spike	LCSD	LCSD					%Rec	RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.09371		mg/Kg		94	70 - 130	3	35	
Toluene	0.100	0.08177		mg/Kg		82	70 - 130	1	35	
Ethylbenzene	0.100	0.09261		mg/Kg		93	70 - 130	6	35	
m-Xylene & p-Xylene	0.200	0.1916		mg/Kg		96	70 - 130	7	35	
o-Xylene	0.100	0.09981		mg/Kg		100	70 - 130	6	35	

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

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QC Sample Results

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

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

Lab Sample ID: LCSD 880-124132/2-A

Matrix: Solid

Analysis Batch: 124130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 124132

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

Lab Sample ID: 890-9060-A-10-D MS

Matrix: Solid

Analysis Batch: 124130

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 124132

	Sample	Sample	Spike	MS	MS			%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00200	U	0.100	0.1043		mg/Kg		104	70 - 130
Toluene	<0.00200	U	0.100	0.1020		mg/Kg		102	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1060		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2269		mg/Kg		113	70 - 130
o-Xylene	<0.00200	U	0.100	0.1155		mg/Kg		116	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 890-9060-A-10-E MSD

Matrix: Solid

Analysis Batch: 124130

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 124132

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.1083		mg/Kg		108	70 - 130	4	35
Toluene	<0.00200	U	0.100	0.09989		mg/Kg		100	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.1033		mg/Kg		103	70 - 130	3	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2253		mg/Kg		113	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.1145		mg/Kg		114	70 - 130	1	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	117		70 - 130

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

Lab Sample ID: MB 880-123310/1-A

Matrix: Solid

Analysis Batch: 123630

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 123310

	MB	MB							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		11/07/25 11:14	11/11/25 19:31		1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		11/07/25 11:14	11/11/25 19:31		1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		11/07/25 11:14	11/11/25 19:31		1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
1-Chlorooctane	129		70 - 130	11/07/25 11:14	11/11/25 19:31		1		
o-Terphenyl	130		70 - 130	11/07/25 11:14	11/11/25 19:31		1		

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QC Sample Results

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

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

Lab Sample ID: LCS 880-123310/2-A

Matrix: Solid

Analysis Batch: 123630

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 123310

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	961.5		mg/Kg		96	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1069		mg/Kg		107	70 - 130		

Lab Sample ID: LCSD 880-123310/3-A

Matrix: Solid

Analysis Batch: 123630

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 123310

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	985.3		mg/Kg		99	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1065		mg/Kg		106	70 - 130	0	20
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	142	S1+	70 - 130								
o-Terphenyl	129		70 - 130								

Lab Sample ID: 890-9028-A-19-B MS

Matrix: Solid

Analysis Batch: 123630

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 123310

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	761.7		mg/Kg		76	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	757.1		mg/Kg		76	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	86		70 - 130								
o-Terphenyl	83		70 - 130								

Lab Sample ID: 890-9028-A-19-C MSD

Matrix: Solid

Analysis Batch: 123630

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 123310

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	721.1		mg/Kg		72	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	696.5		mg/Kg		70	70 - 130	8	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	82		70 - 130								

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QC Sample Results

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

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

Lab Sample ID: 890-9028-A-19-C MSD

Matrix: Solid

Analysis Batch: 123630

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 123310

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	73		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-123497/1-A

Matrix: Solid

Analysis Batch: 123549

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<10.0	U	10.0	mg/Kg			11/12/25 02:41		1

Lab Sample ID: LCS 880-123497/2-A

Matrix: Solid

Analysis Batch: 123549

Client Sample ID: Lab Control Sample

Prep Type: Soluble

			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride			250	236.0		mg/Kg		94	90 - 110	

Lab Sample ID: LCSD 880-123497/3-A

Matrix: Solid

Analysis Batch: 123549

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

			Spike	LCSD	LCSD				%Rec		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride			250	233.9		mg/Kg		94	90 - 110	1	20

Lab Sample ID: 890-9029-5 MS

Matrix: Solid

Analysis Batch: 123549

Client Sample ID: BH01B

Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	32.1		249	290.8		mg/Kg		104	90 - 110	

Lab Sample ID: 890-9029-5 MSD

Matrix: Solid

Analysis Batch: 123549

Client Sample ID: BH01B

Prep Type: Soluble

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	32.1		249	289.2		mg/Kg		103	90 - 110	1	20

QC Association Summary

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

GC VOA

Prep Batch: 123644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9029-1	BH01	Total/NA	Solid	5035	
MB 880-123644/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-123644/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-123644/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-64721-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
880-64721-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 124003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9029-1	BH01	Total/NA	Solid	5035	
890-9029-2	BH02	Total/NA	Solid	5035	
890-9029-3	BH01A	Total/NA	Solid	5035	
890-9029-4	BH02A	Total/NA	Solid	5035	
890-9029-5	BH01B	Total/NA	Solid	5035	
890-9029-6	BH02B	Total/NA	Solid	5035	
890-9029-7	BH01C	Total/NA	Solid	5035	
890-9029-8	BH02C	Total/NA	Solid	5035	
890-9029-9	BH01D	Total/NA	Solid	5035	
890-9029-10	BH02D	Total/NA	Solid	5035	
890-9029-11	BH01E	Total/NA	Solid	5035	
890-9029-12	BH02E	Total/NA	Solid	5035	
MB 880-124003/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-124003/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-124003/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-64704-A-99-D MS	Matrix Spike	Total/NA	Solid	5035	
880-64704-A-99-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 124016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9029-1	BH01	Total/NA	Solid	8021B	124003
890-9029-2	BH02	Total/NA	Solid	8021B	124003
890-9029-3	BH01A	Total/NA	Solid	8021B	124003
890-9029-4	BH02A	Total/NA	Solid	8021B	124003
890-9029-5	BH01B	Total/NA	Solid	8021B	124003
890-9029-6	BH02B	Total/NA	Solid	8021B	124003
890-9029-7	BH01C	Total/NA	Solid	8021B	124003
890-9029-8	BH02C	Total/NA	Solid	8021B	124003
890-9029-9	BH01D	Total/NA	Solid	8021B	124003
890-9029-10	BH02D	Total/NA	Solid	8021B	124003
890-9029-11	BH01E	Total/NA	Solid	8021B	124003
890-9029-12	BH02E	Total/NA	Solid	8021B	124003
MB 880-124003/5-A	Method Blank	Total/NA	Solid	8021B	124003
LCS 880-124003/1-A	Lab Control Sample	Total/NA	Solid	8021B	124003
LCSD 880-124003/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	124003
880-64704-A-99-D MS	Matrix Spike	Total/NA	Solid	8021B	124003
880-64704-A-99-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	124003

Analysis Batch: 124018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9029-1	BH01	Total/NA	Solid	8021B	123644
MB 880-123644/5-A	Method Blank	Total/NA	Solid	8021B	123644

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QC Association Summary

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

GC VOA (Continued)

Analysis Batch: 124018 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-123644/1-A	Lab Control Sample	Total/NA	Solid	8021B	123644
LCSD 880-123644/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	123644
880-64721-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	123644
880-64721-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	123644

Analysis Batch: 124084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9029-1	BH01	Total/NA	Solid	Total BTEX	
890-9029-2	BH02	Total/NA	Solid	Total BTEX	
890-9029-3	BH01A	Total/NA	Solid	Total BTEX	
890-9029-4	BH02A	Total/NA	Solid	Total BTEX	
890-9029-5	BH01B	Total/NA	Solid	Total BTEX	
890-9029-6	BH02B	Total/NA	Solid	Total BTEX	
890-9029-7	BH01C	Total/NA	Solid	Total BTEX	
890-9029-8	BH02C	Total/NA	Solid	Total BTEX	
890-9029-9	BH01D	Total/NA	Solid	Total BTEX	
890-9029-10	BH02D	Total/NA	Solid	Total BTEX	
890-9029-11	BH01E	Total/NA	Solid	Total BTEX	
890-9029-12	BH02E	Total/NA	Solid	Total BTEX	

Analysis Batch: 124130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9029-5	BH01B	Total/NA	Solid	8021B	124132
MB 880-124132/5-A	Method Blank	Total/NA	Solid	8021B	124132
LCS 880-124132/1-A	Lab Control Sample	Total/NA	Solid	8021B	124132
LCSD 880-124132/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	124132
890-9060-A-10-D MS	Matrix Spike	Total/NA	Solid	8021B	124132
890-9060-A-10-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	124132

Prep Batch: 124132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9029-5	BH01B	Total/NA	Solid	5035	
MB 880-124132/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-124132/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-124132/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9060-A-10-D MS	Matrix Spike	Total/NA	Solid	5035	
890-9060-A-10-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 123310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9029-1	BH01	Total/NA	Solid	8015NM Prep	
890-9029-2	BH02	Total/NA	Solid	8015NM Prep	
890-9029-3	BH01A	Total/NA	Solid	8015NM Prep	
890-9029-4	BH02A	Total/NA	Solid	8015NM Prep	
890-9029-5	BH01B	Total/NA	Solid	8015NM Prep	
890-9029-6	BH02B	Total/NA	Solid	8015NM Prep	
890-9029-7	BH01C	Total/NA	Solid	8015NM Prep	
890-9029-8	BH02C	Total/NA	Solid	8015NM Prep	
890-9029-9	BH01D	Total/NA	Solid	8015NM Prep	

Eurofins Carlsbad

QC Association Summary

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

GC Semi VOA (Continued)

Prep Batch: 123310 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9029-10	BH02D	Total/NA	Solid	8015NM Prep	
890-9029-11	BH01E	Total/NA	Solid	8015NM Prep	
890-9029-12	BH02E	Total/NA	Solid	8015NM Prep	
MB 880-123310/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-123310/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-123310/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9028-A-19-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9028-A-19-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 123630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9029-1	BH01	Total/NA	Solid	8015B NM	123310
890-9029-2	BH02	Total/NA	Solid	8015B NM	123310
890-9029-3	BH01A	Total/NA	Solid	8015B NM	123310
890-9029-4	BH02A	Total/NA	Solid	8015B NM	123310
890-9029-5	BH01B	Total/NA	Solid	8015B NM	123310
890-9029-6	BH02B	Total/NA	Solid	8015B NM	123310
890-9029-7	BH01C	Total/NA	Solid	8015B NM	123310
890-9029-8	BH02C	Total/NA	Solid	8015B NM	123310
890-9029-9	BH01D	Total/NA	Solid	8015B NM	123310
890-9029-10	BH02D	Total/NA	Solid	8015B NM	123310
890-9029-11	BH01E	Total/NA	Solid	8015B NM	123310
890-9029-12	BH02E	Total/NA	Solid	8015B NM	123310
MB 880-123310/1-A	Method Blank	Total/NA	Solid	8015B NM	123310
LCS 880-123310/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	123310
LCSD 880-123310/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	123310
890-9028-A-19-B MS	Matrix Spike	Total/NA	Solid	8015B NM	123310
890-9028-A-19-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	123310

Analysis Batch: 123773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9029-1	BH01	Total/NA	Solid	8015 NM	
890-9029-2	BH02	Total/NA	Solid	8015 NM	
890-9029-3	BH01A	Total/NA	Solid	8015 NM	
890-9029-4	BH02A	Total/NA	Solid	8015 NM	
890-9029-5	BH01B	Total/NA	Solid	8015 NM	
890-9029-6	BH02B	Total/NA	Solid	8015 NM	
890-9029-7	BH01C	Total/NA	Solid	8015 NM	
890-9029-8	BH02C	Total/NA	Solid	8015 NM	
890-9029-9	BH01D	Total/NA	Solid	8015 NM	
890-9029-10	BH02D	Total/NA	Solid	8015 NM	
890-9029-11	BH01E	Total/NA	Solid	8015 NM	
890-9029-12	BH02E	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 123497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9029-1	BH01	Soluble	Solid	DI Leach	
890-9029-2	BH02	Soluble	Solid	DI Leach	
890-9029-3	BH01A	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

HPLC/IC (Continued)

Leach Batch: 123497 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9029-4	BH02A	Soluble	Solid	DI Leach	
890-9029-5	BH01B	Soluble	Solid	DI Leach	
890-9029-6	BH02B	Soluble	Solid	DI Leach	
890-9029-7	BH01C	Soluble	Solid	DI Leach	
890-9029-8	BH02C	Soluble	Solid	DI Leach	
890-9029-9	BH01D	Soluble	Solid	DI Leach	
890-9029-10	BH02D	Soluble	Solid	DI Leach	
890-9029-11	BH01E	Soluble	Solid	DI Leach	
890-9029-12	BH02E	Soluble	Solid	DI Leach	
MB 880-123497/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-123497/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-123497/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9029-5 MS	BH01B	Soluble	Solid	DI Leach	
890-9029-5 MSD	BH01B	Soluble	Solid	DI Leach	

Analysis Batch: 123549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9029-1	BH01	Soluble	Solid	300.0	123497
890-9029-2	BH02	Soluble	Solid	300.0	123497
890-9029-3	BH01A	Soluble	Solid	300.0	123497
890-9029-4	BH02A	Soluble	Solid	300.0	123497
890-9029-5	BH01B	Soluble	Solid	300.0	123497
890-9029-6	BH02B	Soluble	Solid	300.0	123497
890-9029-7	BH01C	Soluble	Solid	300.0	123497
890-9029-8	BH02C	Soluble	Solid	300.0	123497
890-9029-9	BH01D	Soluble	Solid	300.0	123497
890-9029-10	BH02D	Soluble	Solid	300.0	123497
890-9029-11	BH01E	Soluble	Solid	300.0	123497
890-9029-12	BH02E	Soluble	Solid	300.0	123497
MB 880-123497/1-A	Method Blank	Soluble	Solid	300.0	123497
LCS 880-123497/2-A	Lab Control Sample	Soluble	Solid	300.0	123497
LCSD 880-123497/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	123497
890-9029-5 MS	BH01B	Soluble	Solid	300.0	123497
890-9029-5 MSD	BH01B	Soluble	Solid	300.0	123497

Lab Chronicle

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

Client Sample ID: BH01
Date Collected: 11/04/25 09:39
Date Received: 11/06/25 10:08

Lab Sample ID: 890-9029-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	123644	11/14/25 13:52	AA	EET MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	124018	11/14/25 18:13	MNR	EET MID
Total/NA	Prep	5035			5.03 g	5 mL	124003	11/13/25 20:20	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	124016	11/14/25 12:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124084	11/14/25 18:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			123773	11/11/25 21:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	123310	11/07/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		20	1 uL	1 uL	123630	11/11/25 21:26	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	123497	11/10/25 11:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	123549	11/12/25 03:49	CS	EET MID

Client Sample ID: BH02
Date Collected: 11/04/25 10:01
Date Received: 11/06/25 10:08

Lab Sample ID: 890-9029-2
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			5.01 g	5 mL	124003	11/13/25 20:20	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	124016	11/14/25 12:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124084	11/14/25 12:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			123773	11/11/25 21:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	123310	11/07/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		20	1 uL	1 uL	123630	11/11/25 21:47	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	123497	11/10/25 11:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	123549	11/12/25 03:55	CS	EET MID

Client Sample ID: BH01A
Date Collected: 11/04/25 09:46
Date Received: 11/06/25 10:08

Lab Sample ID: 890-9029-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	124003	11/13/25 20:20	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	124016	11/14/25 12:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124084	11/14/25 12:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			123773	11/11/25 22:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	123310	11/07/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		10	1 uL	1 uL	123630	11/11/25 22:06	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	123497	11/10/25 11:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	123549	11/12/25 04:01	CS	EET MID

Lab Chronicle

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

Client Sample ID: BH02A

Lab Sample ID: 890-9029-4

Date Collected: 11/04/25 10:20

Matrix: Solid

Date Received: 11/06/25 10:08

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	124003	11/13/25 20:20	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	124016	11/14/25 13:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124084	11/14/25 13:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			123773	11/11/25 22:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	123310	11/07/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		10	1 uL	1 uL	123630	11/11/25 22:25	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	123497	11/10/25 11:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	123549	11/12/25 04:06	CS	EET MID

Client Sample ID: BH01B

Lab Sample ID: 890-9029-5

Date Collected: 11/04/25 11:36

Matrix: Solid

Date Received: 11/06/25 10:08

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	124132	11/16/25 16:48	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	124130	11/16/25 20:12	MNR	EET MID
Total/NA	Prep	5035			5.03 g	5 mL	124003	11/13/25 20:20	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	124016	11/14/25 15:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124084	11/16/25 20:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			123773	11/11/25 22:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	123310	11/07/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	123630	11/11/25 22:45	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	123497	11/10/25 11:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	123549	11/12/25 04:12	CS	EET MID

Client Sample ID: BH02B

Lab Sample ID: 890-9029-6

Date Collected: 11/04/25 11:33

Matrix: Solid

Date Received: 11/06/25 10:08

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	124003	11/13/25 20:20	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	124016	11/14/25 15:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124084	11/14/25 15:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			123773	11/11/25 23:04	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	123310	11/07/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	123630	11/11/25 23:04	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	123497	11/10/25 11:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	123549	11/12/25 04:30	CS	EET MID

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Lab Chronicle

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

Client Sample ID: BH01C

Lab Sample ID: 890-9029-7

Date Collected: 11/04/25 12:00

Matrix: Solid

Date Received: 11/06/25 10:08

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	124003	11/13/25 20:20	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	124016	11/14/25 16:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124084	11/14/25 16:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			123773	11/11/25 23:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	123310	11/07/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	123630	11/11/25 23:23	SA	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	123497	11/10/25 11:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	123549	11/12/25 04:36	CS	EET MID

Client Sample ID: BH02C

Lab Sample ID: 890-9029-8

Date Collected: 11/04/25 12:04

Matrix: Solid

Date Received: 11/06/25 10:08

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	124003	11/13/25 20:20	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	124016	11/14/25 16:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124084	11/14/25 16:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			123773	11/11/25 23:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	123310	11/07/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	123630	11/11/25 23:44	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	123497	11/10/25 11:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	123549	11/12/25 04:53	CS	EET MID

Client Sample ID: BH01D

Lab Sample ID: 890-9029-9

Date Collected: 11/04/25 13:11

Matrix: Solid

Date Received: 11/06/25 10:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	124003	11/13/25 20:20	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	124016	11/14/25 16:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124084	11/14/25 16:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			123773	11/12/25 00:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	123310	11/07/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	123630	11/12/25 00:02	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	123497	11/10/25 11:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	123549	11/12/25 04:59	CS	EET MID

Client Sample ID: BH02D

Lab Sample ID: 890-9029-10

Date Collected: 11/04/25 13:06

Matrix: Solid

Date Received: 11/06/25 10:08

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	124003	11/13/25 20:20	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	124016	11/14/25 17:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124084	11/14/25 17:01	SA	EET MID

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Lab Chronicle

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

Client Sample ID: BH02D

Lab Sample ID: 890-9029-10

Date Collected: 11/04/25 13:06

Matrix: Solid

Date Received: 11/06/25 10:08

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			123773	11/12/25 00:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	123310	11/07/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	123630	11/12/25 00:42	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	123497	11/10/25 11:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	123549	11/12/25 05:05	CS	EET MID

Client Sample ID: BH01E

Lab Sample ID: 890-9029-11

Date Collected: 11/04/25 13:30

Matrix: Solid

Date Received: 11/06/25 10:08

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	124003	11/13/25 20:20	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	124016	11/14/25 17:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124084	11/14/25 17:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			123773	11/12/25 01:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	123310	11/07/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	123630	11/12/25 01:01	SA	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	123497	11/10/25 11:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	123549	11/12/25 05:11	CS	EET MID

Client Sample ID: BH02E

Lab Sample ID: 890-9029-12

Date Collected: 11/04/25 13:36

Matrix: Solid

Date Received: 11/06/25 10:08

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	124003	11/13/25 20:20	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	124016	11/14/25 17:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124084	11/14/25 17:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			123773	11/12/25 01:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	123310	11/07/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	123630	11/12/25 01:20	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	123497	11/10/25 11:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	123549	11/12/25 05:17	CS	EET MID

Laboratory References:

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

Eurofins Carlsbad

Accreditation/Certification Summary

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

Laboratory: Eurofins Midland

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

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

Method Summary

Client: Ensolum
Project/Site: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

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: BEU DI 30 WEST Battery

Job ID: 890-9029-1
SDG: 03C1558769

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9029-1	BH01	Solid	11/04/25 09:39	11/06/25 10:08	0.5
890-9029-2	BH02	Solid	11/04/25 10:01	11/06/25 10:08	0.5
890-9029-3	BH01A	Solid	11/04/25 09:46	11/06/25 10:08	1
890-9029-4	BH02A	Solid	11/04/25 10:20	11/06/25 10:08	1
890-9029-5	BH01B	Solid	11/04/25 11:36	11/06/25 10:08	2
890-9029-6	BH02B	Solid	11/04/25 11:33	11/06/25 10:08	2
890-9029-7	BH01C	Solid	11/04/25 12:00	11/06/25 10:08	3
890-9029-8	BH02C	Solid	11/04/25 12:04	11/06/25 10:08	3
890-9029-9	BH01D	Solid	11/04/25 13:11	11/06/25 10:08	4
890-9029-10	BH02D	Solid	11/04/25 13:06	11/06/25 10:08	4
890-9029-11	BH01E	Solid	11/04/25 13:30	11/06/25 10:08	5
890-9029-12	BH02E	Solid	11/04/25 13:36	11/06/25 10:08	5



Environment Testing
Xenco

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

Wor



890-9029 Chain of Custody

Project Manager:	Tracy Huach	Bill to: (if different)	DATE: 1/20/2026
Company Name:	Ensolum LLC	Company Name:	XTO Energy, Inc
Address:	3122 National Parks Hwy	Address:	309 E. Greene St.
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbad, NM 88220
Phone:	575.937.3706	Email:	hhuach@ensolum.com

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

Project Name:	BEU D1 30 West Battery	Turn Around	Pres. Code	ANALYSIS REQUEST	Preservative Codes
Project Number:	03C/558769	☒ Routine ☐ Rush			None: NO DI Water: H ₂ O
Project Location:	32.57001, -103.85208	Due Date:			Cool: Cool MeOH: Me
Sampler's Name:	Chris McElroy	TAT starts the day received by the lab, if received by 4:30pm			HCL: HC HNO ₃ : HN
PO #:	664				H ₂ SO ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT	Temp Blank: Yes ☒ No ☐	Wet Ice: Yes ☒ No ☐			H ₃ PO ₄ : HP
Samples Received Intact:	Yes ☒ No ☐	Thermometer ID:			NaHSO ₄ : NABIS
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:			Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:			Zn Acetate+NaOH: Zn
Total Containers:		Corrected Temperature:			NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Sample Comments
BH01	S	11/4/2025	0939	0.5	G	1	BTEX	Best Curve:
BH02	S	11/4/2025	1001	0.5	G	1	TPH	2096/4001
BH01A	S	11/4/2025	0946	1	G	1	CHLORIDES	
BH02A	S	11/4/2025	1020	1	G	1		GC/MS:
BH01B	S	11/4/2025	1136	2	G	1		4860500 - Spills
BH02B	S	11/4/2025	1135	2	G	1		
BH01C	S	11/4/2025	1200	3	G	1		Incident Number:
BH02C	S	11/4/2025	1204	3	G	1		APP25279420
BH01D	S	11/4/2025	1311	4	G	1		
BH02D	S	11/4/2025	1306	4	G	1		

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM	Texas 11	Al	Sp	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	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		TCPLP / SPLP 6010:	8RCRA	SP	As	Ba	Be	Cd	Cr	Co	Cu	Pb	Mn	Mo	Ni	Se	Ag	Ti	U		Hg:	1631	1245	17470	17471						

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 \$5.00 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
Chris McElroy	Tracy Huach	11/6/2025			



Environment Testing
Xenco

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

Chain of Custody

Work Order No:

www.xenco.com Page 2 of 2

Project Manager:	TRACY HUIABD	Bill to: (if different)	DALE HOOBALL
Company Name:	Ensolum LLC	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:	575.937.3706	Email:	thuiabd@ensolum.com tmoorisc@xtoenergy.com khooab@ensolum.com

Work Order Comments	
Program: USTPST	☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	
Reporting: Level II	☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD	☐ ADAPT ☐ Other:

Project Name:						Turn Around		ANALYSIS REQUEST										Preservative Codes					
Project Number:						☒ Routine ☐ Rush												None: NO DI Water: H ₂ O					
Project Location:						Due Date:												Cool: Cool MeOH: Me					
Sample's Name:						TAT starts the day received by the lab, if received by 4:30pm												HCL: HC HNO ₃ : HN					
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na					
SAMPLE RECEIPT								Parameters										H ₃ PO ₄ : HP					
Samples Received Infract:				Temp Blank:		Yes ☒ No ☐		Thermometer ID:		Wet Ice:		Yes ☐ No ☒		NaHSO ₄ : NABIS									
Cooler Custody Seals:				Yes ☐ No ☒		N/A		Correction Factor:						Na ₂ S ₂ O ₃ : NaSO ₃									
Sample Custody Seals:				Yes ☐ No ☒		N/A		Temperature Reading:		6.0				Zn Acetate+NaOH: Zn									
Total Containers:								Corrected Temperature:		5.8				NaOH+Ascorbic Acid: SAPC									
Sample Identification				Matrix		Date Sampled		Time Sampled		Depth		Grab/Comp		# of Cont		Sample Comments							
BH01E				S		11/4/2015		1330		5		4		1		Cost Charge: 2076/44001							
BH02E				S		11/4/2015		1330		5		4		1		Laboratory: 4860.5000 - Spills							
Client Information																							
Client Name: AEP 25279420																							
Client Address: 1631 / 245.1 / 7470 / 7471																							
Circle Method(s) and Metal(s) to be analyzed: TGPL / 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				2				11/6/10				3				4				5			
3				4				5				6				7							

Eurofins Carlsbad

1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler:	Lab PM:		Carrier Tracking No(s)	COC No:								
Shipping/Receiving		Phone:	Kramer, Jessica		N/A	890-6066-1								
Company:		N/A	E-Mail:		State of Origin:	Page:								
Eurofins Environment Testing South Cent			Jessica.Kramer@eurofins.com		New Mexico	Page 1 of 2								
Address:		Due Date Requested:	Accreditations Required (See note)		Job #:									
1211 W. Florida Ave.		11/12/2025	NELAP - Texas		890-9029-1									
City:	Midland	TAT Requested (days):	Analysis Requested											
State, Zip:	TX, 79701	N/A												
Phone:	432-704-5440 (tel)	PO #:												
Email:	N/A	WO #:												
Project Name:	BEU DI 30 WEST Battery	Project #:												
Site:	N/A	SSOW#:												
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix (Mineral, Soil, Overstitch, BT=Trans, A=Al)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep(MOD) Full TPH	8015MOD_Calc	300_ORGFM_28D/DI_LEACHChloride	8021B/5035FP_Calc(MOD) BTEX	Total_BTEX_GCV	Total Number of containers	Special Instructions/Note:
BH01 (890-9029-1)	11/4/25	09:39	Mountain	G	Solid	X	X	X	X	X	X	X	1	
BH02 (890-9029-2)	11/4/25	10:01	Mountain	G	Solid	X	X	X	X	X	X	X	1	
BH01A (890-9029-3)	11/4/25	09:46	Mountain	G	Solid	X	X	X	X	X	X	X	1	
BH02A (890-9029-4)	11/4/25	10:20	Mountain	G	Solid	X	X	X	X	X	X	X	1	
BH01B (890-9029-5)	11/4/25	11:36	Mountain	G	Solid	X	X	X	X	X	X	X	1	
BH02B (890-9029-6)	11/4/25	11:33	Mountain	G	Solid	X	X	X	X	X	X	X	1	
BH01C (890-9029-7)	11/4/25	12:00	Mountain	G	Solid	X	X	X	X	X	X	X	1	
BH02C (890-9029-8)	11/4/25	12:04	Mountain	G	Solid	X	X	X	X	X	X	X	1	
BH01D (890-9029-9)	11/4/25	13:11	Mountain	G	Solid	X	X	X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/shipment being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification

Unconfirmed

Deliverable Requested: I, II, III, IV, Other (specify) _____ Primary Deliverable Rank: 2

Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____

Relinquished by: _____ Date/Time: _____ Company: _____ Received by: _____ Date/Time: _____ Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____ Received by: _____ Date/Time: _____ Company: _____

Custody Seals Intact: ☐ Yes ☐ No Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: _____

Eurofins Carlsbad

1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing

[illegible]

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9029-1

SDG Number: 03C1558769

Login Number: 9029

List Number: 1

Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9029-1

SDG Number: 03C1558769

Login Number: 9029

List Number: 2

Creator: Lee, Randall

List Source: Eurofins Midland

List Creation: 11/07/25 07:36 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	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Tracy Hillard

Ensolum

601 N. Marienfeld St.

Suite 400

Midland, Texas 79701

Generated 11/17/2025 3:58:05 PM

JOB DESCRIPTION

BEU D1 30 WEST BATTERY

03C1558769

JOB NUMBER

890-9041-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
11/17/2025 3:58:05 PM

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

Client: Ensolum
Project/Site: BEU D1 30 WEST BATTERY

Laboratory Job ID: 890-9041-1
SDG: 03C1558769

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Definitions/Glossary

Client: Ensolum
Project/Site: BEU D1 30 WEST BATTERY

Job ID: 890-9041-1
SDG: 03C1558769

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Ensolum
Project: BEU D1 30 WEST BATTERY

Job ID: 890-9041-1

Job ID: 890-9041-1

Eurofins Carlsbad

Job Narrative 890-9041-1

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 11/7/2025 1:46 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.6°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: FS01 (890-9041-1), FS02 (890-9041-2), FS03 (890-9041-3), FS04 (890-9041-4), FS05 (890-9041-5), SW01 (890-9041-6) and SW02 (890-9041-7).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-123643 and analytical batch 880-124021 was outside the upper control limits.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: FS05 (890-9041-5). Elevated reporting limits (RLs) are provided.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-124149 and analytical batch 880-124141 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW01 (890-9041-6). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SW01 (890-9041-6) and SW02 (890-9041-7). Elevated reporting limits (RLs) are provided.

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: FS01 (890-9041-1), FS02 (890-9041-2), FS03 (890-9041-3), FS04 (890-9041-4), FS05 (890-9041-5), SW01 (890-9041-6) and SW02 (890-9041-7). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-123428 and analytical batch 880-123909 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.

HPLC/IC

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

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
Project/Site: BEU D1 30 WEST BATTERY

Job ID: 890-9041-1
SDG: 03C1558769

Client Sample ID: FS01

Lab Sample ID: 890-9041-1

Date Collected: 11/07/25 09:07

Matrix: Solid

Date Received: 11/07/25 13:46

Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.09		1.99	mg/Kg		11/16/25 16:48	11/16/25 20:32	1000
Toluene	21.0		1.99	mg/Kg		11/16/25 16:48	11/16/25 20:32	1000
Ethylbenzene	9.89		1.99	mg/Kg		11/16/25 16:48	11/16/25 20:32	1000
m-Xylene & p-Xylene	21.1		3.98	mg/Kg		11/16/25 16:48	11/16/25 20:32	1000
o-Xylene	13.5		1.99	mg/Kg		11/16/25 16:48	11/16/25 20:32	1000
Xylenes, Total	34.6		3.98	mg/Kg		11/16/25 16:48	11/16/25 20:32	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	11/16/25 16:48	11/16/25 20:32	1000
1,4-Difluorobenzene (Surr)	102		70 - 130	11/16/25 16:48	11/16/25 20:32	1000

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	67.6		3.98	mg/Kg			11/16/25 20:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	20200		498	mg/Kg			11/13/25 22:13	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	3110		498	mg/Kg		11/09/25 17:31	11/13/25 22:13	10
Diesel Range Organics (Over C10-C28)	15700		498	mg/Kg		11/09/25 17:31	11/13/25 22:13	10
Oil Range Organics (Over C28-C36)	1360		498	mg/Kg		11/09/25 17:31	11/13/25 22:13	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	314	S1+	70 - 130	11/09/25 17:31	11/13/25 22:13	10
o-Terphenyl	417	S1+	70 - 130	11/09/25 17:31	11/13/25 22:13	10

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	512		10.0	mg/Kg			11/12/25 21:27	1

Client Sample ID: FS02

Lab Sample ID: 890-9041-2

Date Collected: 11/07/25 09:09

Matrix: Solid

Date Received: 11/07/25 13:46

Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	4.87		1.98	mg/Kg		11/16/25 16:48	11/16/25 20:53	1000
Toluene	35.0		1.98	mg/Kg		11/16/25 16:48	11/16/25 20:53	1000
Ethylbenzene	14.5		1.98	mg/Kg		11/16/25 16:48	11/16/25 20:53	1000
m-Xylene & p-Xylene	33.0		3.96	mg/Kg		11/16/25 16:48	11/16/25 20:53	1000
o-Xylene	10.4		1.98	mg/Kg		11/16/25 16:48	11/16/25 20:53	1000
Xylenes, Total	43.4		3.96	mg/Kg		11/16/25 16:48	11/16/25 20:53	1000

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Client Sample Results

Client: Ensolum
Project/Site: BEU D1 30 WEST BATTERY

Job ID: 890-9041-1
SDG: 03C1558769

Client Sample ID: FS02

Lab Sample ID: 890-9041-2

Date Collected: 11/07/25 09:09

Matrix: Solid

Date Received: 11/07/25 13:46

Sample Depth: 0.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	11/16/25 16:48	11/16/25 20:53	1000
1,4-Difluorobenzene (Surr)	109		70 - 130	11/16/25 16:48	11/16/25 20:53	1000

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	97.8		3.96	mg/Kg			11/16/25 20:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	22000		499	mg/Kg			11/13/25 22:29	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	4820		499	mg/Kg		11/09/25 17:31	11/13/25 22:29	10
Diesel Range Organics (Over C10-C28)	16000		499	mg/Kg		11/09/25 17:31	11/13/25 22:29	10
Oil Range Organics (Over C28-C36)	1150		499	mg/Kg		11/09/25 17:31	11/13/25 22:29	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	364	S1+	70 - 130	11/09/25 17:31	11/13/25 22:29	10
o-Terphenyl	423	S1+	70 - 130	11/09/25 17:31	11/13/25 22:29	10

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	433		10.0	mg/Kg			11/12/25 21:33	1

Client Sample ID: FS03

Lab Sample ID: 890-9041-3

Date Collected: 11/07/25 09:11

Matrix: Solid

Date Received: 11/07/25 13:46

Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.50		2.00	mg/Kg		11/16/25 16:48	11/16/25 21:14	1000
Toluene	19.3		2.00	mg/Kg		11/16/25 16:48	11/16/25 21:14	1000
Ethylbenzene	11.4		2.00	mg/Kg		11/16/25 16:48	11/16/25 21:14	1000
m-Xylene & p-Xylene	23.3		3.99	mg/Kg		11/16/25 16:48	11/16/25 21:14	1000
o-Xylene	12.2		2.00	mg/Kg		11/16/25 16:48	11/16/25 21:14	1000
Xylenes, Total	35.5		3.99	mg/Kg		11/16/25 16:48	11/16/25 21:14	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	11/16/25 16:48	11/16/25 21:14	1000
1,4-Difluorobenzene (Surr)	116		70 - 130	11/16/25 16:48	11/16/25 21:14	1000

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	68.7		3.99	mg/Kg			11/16/25 21:14	1

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Client Sample Results

Client: Ensolum
Project/Site: BEU D1 30 WEST BATTERY

Job ID: 890-9041-1
SDG: 03C1558769

Client Sample ID: FS03

Lab Sample ID: 890-9041-3

Date Collected: 11/07/25 09:11

Matrix: Solid

Date Received: 11/07/25 13:46

Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	15300		500	mg/Kg			11/13/25 22:43	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	2380		500	mg/Kg		11/09/25 17:31	11/13/25 22:43	10
Diesel Range Organics (Over C10-C28)	12300		500	mg/Kg		11/09/25 17:31	11/13/25 22:43	10
Oil Range Organics (Over C28-C36)	628		500	mg/Kg		11/09/25 17:31	11/13/25 22:43	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	255	S1+	70 - 130			11/09/25 17:31	11/13/25 22:43	10
o-Terphenyl	363	S1+	70 - 130			11/09/25 17:31	11/13/25 22:43	10

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	236		9.98	mg/Kg			11/12/25 21:49	1

Client Sample ID: FS04

Lab Sample ID: 890-9041-4

Date Collected: 11/07/25 09:16

Matrix: Solid

Date Received: 11/07/25 13:46

Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.338		0.200	mg/Kg		11/11/25 08:32	11/14/25 12:44	100
Toluene	13.6		0.200	mg/Kg		11/11/25 08:32	11/14/25 12:44	100
Ethylbenzene	16.0		0.200	mg/Kg		11/11/25 08:32	11/14/25 12:44	100
m-Xylene & p-Xylene	40.8		0.399	mg/Kg		11/11/25 08:32	11/14/25 12:44	100
o-Xylene	11.3		0.200	mg/Kg		11/11/25 08:32	11/14/25 12:44	100
Xylenes, Total	52.1		0.399	mg/Kg		11/11/25 08:32	11/14/25 12:44	100
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130			11/11/25 08:32	11/14/25 12:44	100
1,4-Difluorobenzene (Surr)	70		70 - 130			11/11/25 08:32	11/14/25 12:44	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	82.0		0.399	mg/Kg			11/14/25 12:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	15500		504	mg/Kg			11/13/25 22:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1130		504	mg/Kg		11/09/25 17:31	11/13/25 22:59	10
Diesel Range Organics (Over C10-C28)	13600		504	mg/Kg		11/09/25 17:31	11/13/25 22:59	10

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Client Sample Results

Client: Ensolum
Project/Site: BEU D1 30 WEST BATTERY

Job ID: 890-9041-1
SDG: 03C1558769

Client Sample ID: FS04

Lab Sample ID: 890-9041-4

Date Collected: 11/07/25 09:16

Matrix: Solid

Date Received: 11/07/25 13:46

Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	751		504	mg/Kg		11/09/25 17:31	11/13/25 22:59	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	215	S1+	70 - 130			11/09/25 17:31	11/13/25 22:59	10
o-Terphenyl	377	S1+	70 - 130			11/09/25 17:31	11/13/25 22:59	10

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.5		9.92	mg/Kg			11/12/25 21:54	1

Client Sample ID: FS05

Lab Sample ID: 890-9041-5

Date Collected: 11/07/25 09:19

Matrix: Solid

Date Received: 11/07/25 13:46

Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.99	U	1.99	mg/Kg		11/16/25 16:48	11/16/25 21:55	1000
Toluene	12.0		1.99	mg/Kg		11/16/25 16:48	11/16/25 21:55	1000
Ethylbenzene	5.66		1.99	mg/Kg		11/16/25 16:48	11/16/25 21:55	1000
m-Xylene & p-Xylene	12.0		3.98	mg/Kg		11/16/25 16:48	11/16/25 21:55	1000
o-Xylene	5.59		1.99	mg/Kg		11/16/25 16:48	11/16/25 21:55	1000
Xylenes, Total	17.6		3.98	mg/Kg		11/16/25 16:48	11/16/25 21:55	1000
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			11/16/25 16:48	11/16/25 21:55	1000
1,4-Difluorobenzene (Surr)	96		70 - 130			11/16/25 16:48	11/16/25 21:55	1000

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	35.3		3.98	mg/Kg			11/16/25 21:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	17400		499	mg/Kg			11/13/25 23:13	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	2010		499	mg/Kg		11/09/25 17:31	11/13/25 23:13	10
Diesel Range Organics (Over C10-C28)	14600		499	mg/Kg		11/09/25 17:31	11/13/25 23:13	10
Oil Range Organics (Over C28-C36)	784		499	mg/Kg		11/09/25 17:31	11/13/25 23:13	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	257	S1+	70 - 130			11/09/25 17:31	11/13/25 23:13	10
o-Terphenyl	399	S1+	70 - 130			11/09/25 17:31	11/13/25 23:13	10

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Client Sample Results

Client: Ensolum
Project/Site: BEU D1 30 WEST BATTERY

Job ID: 890-9041-1
SDG: 03C1558769

Client Sample ID: FS05

Lab Sample ID: 890-9041-5

Date Collected: 11/07/25 09:19

Matrix: Solid

Date Received: 11/07/25 13:46

Sample Depth: 0.5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	436		10.0	mg/Kg			11/12/25 21:59	1

Client Sample ID: SW01

Lab Sample ID: 890-9041-6

Date Collected: 11/07/25 09:26

Matrix: Solid

Date Received: 11/07/25 13:46

Sample Depth: 0-0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199	mg/Kg		11/17/25 06:00	11/17/25 14:18	100
Toluene	5.40		0.199	mg/Kg		11/17/25 06:00	11/17/25 14:18	100
Ethylbenzene	7.82		0.199	mg/Kg		11/17/25 06:00	11/17/25 14:18	100
m-Xylene & p-Xylene	19.7		0.398	mg/Kg		11/17/25 06:00	11/17/25 14:18	100
o-Xylene	10.2		0.199	mg/Kg		11/17/25 06:00	11/17/25 14:18	100
Xylenes, Total	29.9		0.398	mg/Kg		11/17/25 06:00	11/17/25 14:18	100
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130			11/17/25 06:00	11/17/25 14:18	100
1,4-Difluorobenzene (Surr)	66	S1-	70 - 130			11/17/25 06:00	11/17/25 14:18	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	43.1		0.398	mg/Kg			11/17/25 14:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6400		50.0	mg/Kg			11/13/25 23:29	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	592		50.0	mg/Kg		11/09/25 17:31	11/13/25 23:29	1
Diesel Range Organics (Over C10-C28)	5380		50.0	mg/Kg		11/09/25 17:31	11/13/25 23:29	1
Oil Range Organics (Over C28-C36)	432		50.0	mg/Kg		11/09/25 17:31	11/13/25 23:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	178	S1+	70 - 130			11/09/25 17:31	11/13/25 23:29	1
o-Terphenyl	222	S1+	70 - 130			11/09/25 17:31	11/13/25 23:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	509		9.92	mg/Kg			11/12/25 22:05	1

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Client Sample Results

Client: Ensolum
Project/Site: BEU D1 30 WEST BATTERY

Job ID: 890-9041-1
SDG: 03C1558769

Client Sample ID: SW02

Lab Sample ID: 890-9041-7

Date Collected: 11/07/25 09:23

Matrix: Solid

Date Received: 11/07/25 13:46

Sample Depth: 0-0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.200	U	0.200	mg/Kg		11/17/25 06:00	11/17/25 14:38	100
Toluene	4.21		0.200	mg/Kg		11/17/25 06:00	11/17/25 14:38	100
Ethylbenzene	5.88		0.200	mg/Kg		11/17/25 06:00	11/17/25 14:38	100
m-Xylene & p-Xylene	17.2		0.399	mg/Kg		11/17/25 06:00	11/17/25 14:38	100
o-Xylene	5.85		0.200	mg/Kg		11/17/25 06:00	11/17/25 14:38	100
Xylenes, Total	23.1		0.399	mg/Kg		11/17/25 06:00	11/17/25 14:38	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	11/17/25 06:00	11/17/25 14:38	100
1,4-Difluorobenzene (Surr)	71		70 - 130	11/17/25 06:00	11/17/25 14:38	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	33.1		0.399	mg/Kg			11/17/25 14:38	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4360		50.2	mg/Kg			11/13/25 23:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	405		50.2	mg/Kg		11/09/25 17:31	11/13/25 23:59	1
Diesel Range Organics (Over C10-C28)	3720		50.2	mg/Kg		11/09/25 17:31	11/13/25 23:59	1
Oil Range Organics (Over C28-C36)	230		50.2	mg/Kg		11/09/25 17:31	11/13/25 23:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	155	S1+	70 - 130	11/09/25 17:31	11/13/25 23:59	1
o-Terphenyl	186	S1+	70 - 130	11/09/25 17:31	11/13/25 23:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	286		9.94	mg/Kg			11/12/25 22:10	1

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Surrogate Summary

Client: Ensolum
Project/Site: BEU D1 30 WEST BATTERY

Job ID: 890-9041-1
SDG: 03C1558769

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-64706-A-1-D MS	Matrix Spike	96	87
880-64706-A-1-E MSD	Matrix Spike Duplicate	112	113
890-9041-1	FS01	112	102
890-9041-2	FS02	110	109
890-9041-3	FS03	117	116
890-9041-4	FS04	76	70
890-9041-5	FS05	103	96
890-9041-6	SW01	82	66 S1-
890-9041-7	SW02	94	71
890-9060-A-10-D MS	Matrix Spike	106	108
890-9060-A-10-E MSD	Matrix Spike Duplicate	104	117
890-9072-A-21-D MS	Matrix Spike	98	98
890-9072-A-21-E MSD	Matrix Spike Duplicate	107	98
LCS 880-123643/1-A	Lab Control Sample	104	100
LCS 880-124132/1-A	Lab Control Sample	103	101
LCS 880-124149/1-A	Lab Control Sample	99	96
LCSD 880-123643/2-A	Lab Control Sample Dup	100	96
LCSD 880-124132/2-A	Lab Control Sample Dup	103	99
LCSD 880-124149/2-A	Lab Control Sample Dup	101	98
MB 880-123643/5-A	Method Blank	194 S1+	105
MB 880-124132/5-A	Method Blank	113	94
MB 880-124149/5-A	Method Blank	203 S1+	102
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)
890-9040-A-2-B MS	Matrix Spike	129	117
890-9040-A-2-C MSD	Matrix Spike Duplicate	127	114
890-9041-1	FS01	314 S1+	417 S1+
890-9041-2	FS02	364 S1+	423 S1+
890-9041-3	FS03	255 S1+	363 S1+
890-9041-4	FS04	215 S1+	377 S1+
890-9041-5	FS05	257 S1+	399 S1+
890-9041-6	SW01	178 S1+	222 S1+
890-9041-7	SW02	155 S1+	186 S1+
LCS 880-123428/2-A	Lab Control Sample	123	104
LCSD 880-123428/3-A	Lab Control Sample Dup	118	98
MB 880-123428/1-A	Method Blank	106	100
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: Ensolum
Project/Site: BEU D1 30 WEST BATTERY

Job ID: 890-9041-1
SDG: 03C1558769

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-123643/5-A

Matrix: Solid

Analysis Batch: 124021

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 123643

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		11/11/25 08:32	11/14/25 09:32	1
Toluene	<0.00200	U	0.00200	mg/Kg		11/11/25 08:32	11/14/25 09:32	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		11/11/25 08:32	11/14/25 09:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		11/11/25 08:32	11/14/25 09:32	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		11/11/25 08:32	11/14/25 09:32	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		11/11/25 08:32	11/14/25 09:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	194	S1+	70 - 130	11/11/25 08:32	11/14/25 09:32	1
1,4-Difluorobenzene (Surr)	105		70 - 130	11/11/25 08:32	11/14/25 09:32	1

Lab Sample ID: LCS 880-123643/1-A

Matrix: Solid

Analysis Batch: 124021

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 123643

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1019		mg/Kg		102	70 - 130
Toluene	0.100	0.09490		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.09902		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	0.200	0.2100		mg/Kg		105	70 - 130
o-Xylene	0.100	0.1078		mg/Kg		108	70 - 130

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

Lab Sample ID: LCSD 880-123643/2-A

Matrix: Solid

Analysis Batch: 124021

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 123643

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1007		mg/Kg		101	70 - 130	1	35
Toluene	0.100	0.09422		mg/Kg		94	70 - 130	1	35
Ethylbenzene	0.100	0.1046		mg/Kg		105	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.2117		mg/Kg		106	70 - 130	1	35
o-Xylene	0.100	0.1088		mg/Kg		109	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-64706-A-1-D MS

Matrix: Solid

Analysis Batch: 124021

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 123643

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09218		mg/Kg		92	70 - 130
Toluene	0.00455		0.100	0.1024		mg/Kg		98	70 - 130

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QC Sample Results

Client: Ensolum
Project/Site: BEU D1 30 WEST BATTERY

Job ID: 890-9041-1
SDG: 03C1558769

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

Lab Sample ID: 880-64706-A-1-D MS

Matrix: Solid

Analysis Batch: 124021

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 123643

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.1025		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.00532		0.200	0.2246		mg/Kg		110	70 - 130
o-Xylene	<0.00200	U	0.100	0.1104		mg/Kg		110	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: 880-64706-A-1-E MSD

Matrix: Solid

Analysis Batch: 124021

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 123643

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	0.1171		mg/Kg		117	70 - 130	24	35
Toluene	0.00455		0.100	0.09521		mg/Kg		91	70 - 130	7	35
Ethylbenzene	<0.00200	U	0.100	0.1157		mg/Kg		114	70 - 130	12	35
m-Xylene & p-Xylene	0.00532		0.200	0.2537		mg/Kg		124	70 - 130	12	35
o-Xylene	<0.00200	U	0.100	0.1256		mg/Kg		126	70 - 130	13	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: MB 880-124132/5-A

Matrix: Solid

Analysis Batch: 124130

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 124132

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		11/16/25 16:48	11/16/25 19:09	1
Toluene	<0.00200	U	0.00200	mg/Kg		11/16/25 16:48	11/16/25 19:09	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		11/16/25 16:48	11/16/25 19:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		11/16/25 16:48	11/16/25 19:09	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		11/16/25 16:48	11/16/25 19:09	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		11/16/25 16:48	11/16/25 19:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	11/16/25 16:48	11/16/25 19:09	1
1,4-Difluorobenzene (Surr)	94		70 - 130	11/16/25 16:48	11/16/25 19:09	1

Lab Sample ID: LCS 880-124132/1-A

Matrix: Solid

Analysis Batch: 124130

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 124132

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09695		mg/Kg		97	70 - 130
Toluene	0.100	0.08058		mg/Kg		81	70 - 130
Ethylbenzene	0.100	0.09876		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	0.200	0.2049		mg/Kg		102	70 - 130

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QC Sample Results

Client: Ensolum
Project/Site: BEU D1 30 WEST BATTERY

Job ID: 890-9041-1
SDG: 03C1558769

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

Lab Sample ID: LCS 880-124132/1-A

Matrix: Solid

Analysis Batch: 124130

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 124132

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1062		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-124132/2-A

Matrix: Solid

Analysis Batch: 124130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 124132

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09371		mg/Kg		94	70 - 130	3	35
Toluene	0.100	0.08177		mg/Kg		82	70 - 130	1	35
Ethylbenzene	0.100	0.09261		mg/Kg		93	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1916		mg/Kg		96	70 - 130	7	35
o-Xylene	0.100	0.09981		mg/Kg		100	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-9060-A-10-D MS

Matrix: Solid

Analysis Batch: 124130

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 124132

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1043		mg/Kg		104	70 - 130
Toluene	<0.00200	U	0.100	0.1020		mg/Kg		102	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1060		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2269		mg/Kg		113	70 - 130
o-Xylene	<0.00200	U	0.100	0.1155		mg/Kg		116	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 890-9060-A-10-E MSD

Matrix: Solid

Analysis Batch: 124130

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 124132

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	0.1083		mg/Kg		108	70 - 130	4	35
Toluene	<0.00200	U	0.100	0.09989		mg/Kg		100	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.1033		mg/Kg		103	70 - 130	3	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2253		mg/Kg		113	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.1145		mg/Kg		114	70 - 130	1	35

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QC Sample Results

Client: Ensolum
Project/Site: BEU D1 30 WEST BATTERY

Job ID: 890-9041-1
SDG: 03C1558769

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

Lab Sample ID: 890-9060-A-10-E MSD

Matrix: Solid

Analysis Batch: 124130

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 124132

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	117		70 - 130

Lab Sample ID: MB 880-124149/5-A

Matrix: Solid

Analysis Batch: 124141

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 124149

	MB	MB							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200	mg/Kg		11/17/25 06:00	11/17/25 11:06	1	
Toluene	<0.00200	U	0.00200	mg/Kg		11/17/25 06:00	11/17/25 11:06	1	
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		11/17/25 06:00	11/17/25 11:06	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		11/17/25 06:00	11/17/25 11:06	1	
o-Xylene	<0.00200	U	0.00200	mg/Kg		11/17/25 06:00	11/17/25 11:06	1	
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		11/17/25 06:00	11/17/25 11:06	1	
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	203	S1+	70 - 130			11/17/25 06:00	11/17/25 11:06	1	
1,4-Difluorobenzene (Surr)	102		70 - 130			11/17/25 06:00	11/17/25 11:06	1	

Lab Sample ID: LCS 880-124149/1-A

Matrix: Solid

Analysis Batch: 124141

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 124149

	Spike	LCS	LCS					%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	0.100	0.08554		mg/Kg		86	70 - 130		
Toluene	0.100	0.08687		mg/Kg		87	70 - 130		
Ethylbenzene	0.100	0.08824		mg/Kg		88	70 - 130		
m-Xylene & p-Xylene	0.200	0.1932		mg/Kg		97	70 - 130		
o-Xylene	0.100	0.09930		mg/Kg		99	70 - 130		
	LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	99		70 - 130						
1,4-Difluorobenzene (Surr)	96		70 - 130						

Lab Sample ID: LCSD 880-124149/2-A

Matrix: Solid

Analysis Batch: 124141

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 124149

	Spike	LCSD	LCSD					%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.08977		mg/Kg		90	70 - 130	5	35	
Toluene	0.100	0.08778		mg/Kg		88	70 - 130	1	35	
Ethylbenzene	0.100	0.08937		mg/Kg		89	70 - 130	1	35	
m-Xylene & p-Xylene	0.200	0.1761		mg/Kg		88	70 - 130	9	35	
o-Xylene	0.100	0.1028		mg/Kg		103	70 - 130	3	35	
	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	101		70 - 130							

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QC Sample Results

Client: Ensolum
Project/Site: BEU D1 30 WEST BATTERY

Job ID: 890-9041-1
SDG: 03C1558769

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

Lab Sample ID: LCSD 880-124149/2-A

Matrix: Solid

Analysis Batch: 124141

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 124149

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

Lab Sample ID: 890-9072-A-21-D MS

Matrix: Solid

Analysis Batch: 124141

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 124149

	Sample	Sample	Spike	MS	MS			%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00200	U	0.100	0.1014		mg/Kg		101	70 - 130
Toluene	<0.00200	U	0.100	0.09677		mg/Kg		97	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09148		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2018		mg/Kg		101	70 - 130
o-Xylene	<0.00200	U	0.100	0.1011		mg/Kg		101	70 - 130

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

Lab Sample ID: 890-9072-A-21-E MSD

Matrix: Solid

Analysis Batch: 124141

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 124149

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.09942		mg/Kg		99	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.09695		mg/Kg		97	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.100	0.09938		mg/Kg		99	70 - 130	8	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2119		mg/Kg		106	70 - 130	5	35
o-Xylene	<0.00200	U	0.100	0.1082		mg/Kg		108	70 - 130	7	35

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

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

Lab Sample ID: MB 880-123428/1-A

Matrix: Solid

Analysis Batch: 123909

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 123428

	MB	MB							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		11/09/25 17:31	11/13/25 19:31		1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		11/09/25 17:31	11/13/25 19:31		1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		11/09/25 17:31	11/13/25 19:31		1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
1-Chlorooctane	106		70 - 130	11/09/25 17:31	11/13/25 19:31		1		
o-Terphenyl	100		70 - 130	11/09/25 17:31	11/13/25 19:31		1		

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QC Sample Results

Client: Ensolum
Project/Site: BEU D1 30 WEST BATTERY

Job ID: 890-9041-1
SDG: 03C1558769

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

Lab Sample ID: LCS 880-123428/2-A

Matrix: Solid

Analysis Batch: 123909

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 123428

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	735.7		mg/Kg		74	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	909.2		mg/Kg		91	70 - 130		
			LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	123		70 - 130								
o-Terphenyl	104		70 - 130								

Lab Sample ID: LCSD 880-123428/3-A

Matrix: Solid

Analysis Batch: 123909

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 123428

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	706.7		mg/Kg		71	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	859.2		mg/Kg		86	70 - 130	6	20
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	118		70 - 130								
o-Terphenyl	98		70 - 130								

Lab Sample ID: 890-9040-A-2-B MS

Matrix: Solid

Analysis Batch: 123909

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 123428

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	999	663.3	F1	mg/Kg		65	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	999	818.6		mg/Kg		80	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	129		70 - 130								
o-Terphenyl	117		70 - 130								

Lab Sample ID: 890-9040-A-2-C MSD

Matrix: Solid

Analysis Batch: 123909

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 123428

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	999	661.5	F1	mg/Kg		65	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	777.4		mg/Kg		76	70 - 130	5	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	127		70 - 130								

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QC Sample Results

Client: Ensolum
Project/Site: BEU D1 30 WEST BATTERY

Job ID: 890-9041-1
SDG: 03C1558769

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

Lab Sample ID: 890-9040-A-2-C MSD

Matrix: Solid

Analysis Batch: 123909

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 123428

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	114		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-123608/1-A

Matrix: Solid

Analysis Batch: 123809

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<10.0	U	10.0	mg/Kg			11/12/25 20:45	1	

Lab Sample ID: LCS 880-123608/2-A

Matrix: Solid

Analysis Batch: 123809

Client Sample ID: Lab Control Sample

Prep Type: Soluble

			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride			250	233.7		mg/Kg		93	90 - 110	

Lab Sample ID: LCSD 880-123608/3-A

Matrix: Solid

Analysis Batch: 123809

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

			Spike	LCSD	LCSD				%Rec		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride			250	231.3		mg/Kg		93	90 - 110	1	20

Lab Sample ID: 890-9040-A-3-C MS

Matrix: Solid

Analysis Batch: 123809

Client Sample ID: Matrix Spike

Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	44.1		251	284.1		mg/Kg		96	90 - 110	

Lab Sample ID: 890-9040-A-3-D MSD

Matrix: Solid

Analysis Batch: 123809

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	44.1		251	282.0		mg/Kg		95	90 - 110	1	20

QC Association Summary

Client: Ensolum
Project/Site: BEU D1 30 WEST BATTERY

Job ID: 890-9041-1
SDG: 03C1558769

GC VOA

Prep Batch: 123643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9041-4	FS04	Total/NA	Solid	5035	
MB 880-123643/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-123643/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-123643/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-64706-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
880-64706-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 124021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9041-4	FS04	Total/NA	Solid	8021B	123643
MB 880-123643/5-A	Method Blank	Total/NA	Solid	8021B	123643
LCS 880-123643/1-A	Lab Control Sample	Total/NA	Solid	8021B	123643
LCSD 880-123643/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	123643
880-64706-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	123643
880-64706-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	123643

Analysis Batch: 124130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9041-1	FS01	Total/NA	Solid	8021B	124132
890-9041-2	FS02	Total/NA	Solid	8021B	124132
890-9041-3	FS03	Total/NA	Solid	8021B	124132
890-9041-5	FS05	Total/NA	Solid	8021B	124132
MB 880-124132/5-A	Method Blank	Total/NA	Solid	8021B	124132
LCS 880-124132/1-A	Lab Control Sample	Total/NA	Solid	8021B	124132
LCSD 880-124132/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	124132
890-9060-A-10-D MS	Matrix Spike	Total/NA	Solid	8021B	124132
890-9060-A-10-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	124132

Prep Batch: 124132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9041-1	FS01	Total/NA	Solid	5035	
890-9041-2	FS02	Total/NA	Solid	5035	
890-9041-3	FS03	Total/NA	Solid	5035	
890-9041-5	FS05	Total/NA	Solid	5035	
MB 880-124132/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-124132/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-124132/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9060-A-10-D MS	Matrix Spike	Total/NA	Solid	5035	
890-9060-A-10-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 124141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9041-6	SW01	Total/NA	Solid	8021B	124149
890-9041-7	SW02	Total/NA	Solid	8021B	124149
MB 880-124149/5-A	Method Blank	Total/NA	Solid	8021B	124149
LCS 880-124149/1-A	Lab Control Sample	Total/NA	Solid	8021B	124149
LCSD 880-124149/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	124149
890-9072-A-21-D MS	Matrix Spike	Total/NA	Solid	8021B	124149
890-9072-A-21-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	124149

Eurofins Carlsbad

QC Association Summary

Client: Ensolum
Project/Site: BEU D1 30 WEST BATTERY

Job ID: 890-9041-1
SDG: 03C1558769

GC VOA

Prep Batch: 124149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9041-6	SW01	Total/NA	Solid	5035	
890-9041-7	SW02	Total/NA	Solid	5035	
MB 880-124149/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-124149/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-124149/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9072-A-21-D MS	Matrix Spike	Total/NA	Solid	5035	
890-9072-A-21-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 124197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9041-1	FS01	Total/NA	Solid	Total BTEX	
890-9041-2	FS02	Total/NA	Solid	Total BTEX	
890-9041-3	FS03	Total/NA	Solid	Total BTEX	
890-9041-4	FS04	Total/NA	Solid	Total BTEX	
890-9041-5	FS05	Total/NA	Solid	Total BTEX	
890-9041-6	SW01	Total/NA	Solid	Total BTEX	
890-9041-7	SW02	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 123428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9041-1	FS01	Total/NA	Solid	8015NM Prep	
890-9041-2	FS02	Total/NA	Solid	8015NM Prep	
890-9041-3	FS03	Total/NA	Solid	8015NM Prep	
890-9041-4	FS04	Total/NA	Solid	8015NM Prep	
890-9041-5	FS05	Total/NA	Solid	8015NM Prep	
890-9041-6	SW01	Total/NA	Solid	8015NM Prep	
890-9041-7	SW02	Total/NA	Solid	8015NM Prep	
MB 880-123428/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-123428/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-123428/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9040-A-2-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9040-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 123909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9041-1	FS01	Total/NA	Solid	8015B NM	123428
890-9041-2	FS02	Total/NA	Solid	8015B NM	123428
890-9041-3	FS03	Total/NA	Solid	8015B NM	123428
890-9041-4	FS04	Total/NA	Solid	8015B NM	123428
890-9041-5	FS05	Total/NA	Solid	8015B NM	123428
890-9041-6	SW01	Total/NA	Solid	8015B NM	123428
890-9041-7	SW02	Total/NA	Solid	8015B NM	123428
MB 880-123428/1-A	Method Blank	Total/NA	Solid	8015B NM	123428
LCS 880-123428/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	123428
LCSD 880-123428/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	123428
890-9040-A-2-B MS	Matrix Spike	Total/NA	Solid	8015B NM	123428
890-9040-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	123428

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QC Association Summary

Client: Ensolum
Project/Site: BEU D1 30 WEST BATTERY

Job ID: 890-9041-1
SDG: 03C1558769

GC Semi VOA

Analysis Batch: 124078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9041-1	FS01	Total/NA	Solid	8015 NM	
890-9041-2	FS02	Total/NA	Solid	8015 NM	
890-9041-3	FS03	Total/NA	Solid	8015 NM	
890-9041-4	FS04	Total/NA	Solid	8015 NM	
890-9041-5	FS05	Total/NA	Solid	8015 NM	
890-9041-6	SW01	Total/NA	Solid	8015 NM	
890-9041-7	SW02	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 123608

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9041-1	FS01	Soluble	Solid	DI Leach	
890-9041-2	FS02	Soluble	Solid	DI Leach	
890-9041-3	FS03	Soluble	Solid	DI Leach	
890-9041-4	FS04	Soluble	Solid	DI Leach	
890-9041-5	FS05	Soluble	Solid	DI Leach	
890-9041-6	SW01	Soluble	Solid	DI Leach	
890-9041-7	SW02	Soluble	Solid	DI Leach	
MB 880-123608/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-123608/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-123608/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9040-A-3-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9040-A-3-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 123809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9041-1	FS01	Soluble	Solid	300.0	123608
890-9041-2	FS02	Soluble	Solid	300.0	123608
890-9041-3	FS03	Soluble	Solid	300.0	123608
890-9041-4	FS04	Soluble	Solid	300.0	123608
890-9041-5	FS05	Soluble	Solid	300.0	123608
890-9041-6	SW01	Soluble	Solid	300.0	123608
890-9041-7	SW02	Soluble	Solid	300.0	123608
MB 880-123608/1-A	Method Blank	Soluble	Solid	300.0	123608
LCS 880-123608/2-A	Lab Control Sample	Soluble	Solid	300.0	123608
LCSD 880-123608/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	123608
890-9040-A-3-C MS	Matrix Spike	Soluble	Solid	300.0	123608
890-9040-A-3-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	123608

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Lab Chronicle

Client: Ensolum
Project/Site: BEU D1 30 WEST BATTERY

Job ID: 890-9041-1
SDG: 03C1558769

Client Sample ID: FS01

Date Collected: 11/07/25 09:07

Date Received: 11/07/25 13:46

Lab Sample ID: 890-9041-1

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	124132	11/16/25 16:48	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	124130	11/16/25 20:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124197	11/16/25 20:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			124078	11/13/25 22:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	123428	11/09/25 17:31	EL	EET MID
Total/NA	Analysis	8015B NM		10	1 uL	1 uL	123909	11/13/25 22:13	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	123608	11/10/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1			123809	11/12/25 21:27	CS	EET MID

Client Sample ID: FS02

Date Collected: 11/07/25 09:09

Date Received: 11/07/25 13:46

Lab Sample ID: 890-9041-2

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	124132	11/16/25 16:48	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	124130	11/16/25 20:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124197	11/16/25 20:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			124078	11/13/25 22:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	123428	11/09/25 17:31	EL	EET MID
Total/NA	Analysis	8015B NM		10	1 uL	1 uL	123909	11/13/25 22:29	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	123608	11/10/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1			123809	11/12/25 21:33	CS	EET MID

Client Sample ID: FS03

Date Collected: 11/07/25 09:11

Date Received: 11/07/25 13:46

Lab Sample ID: 890-9041-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	124132	11/16/25 16:48	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	124130	11/16/25 21:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124197	11/16/25 21:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			124078	11/13/25 22:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	123428	11/09/25 17:31	EL	EET MID
Total/NA	Analysis	8015B NM		10	1 uL	1 uL	123909	11/13/25 22:43	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	123608	11/10/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1			123809	11/12/25 21:49	CS	EET MID

Client Sample ID: FS04

Date Collected: 11/07/25 09:16

Date Received: 11/07/25 13:46

Lab Sample ID: 890-9041-4

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	123643	11/11/25 08:32	AA	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	124021	11/14/25 12:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124197	11/14/25 12:44	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
Project/Site: BEU D1 30 WEST BATTERY

Job ID: 890-9041-1
SDG: 03C1558769

Client Sample ID: FS04

Lab Sample ID: 890-9041-4

Date Collected: 11/07/25 09:16

Matrix: Solid

Date Received: 11/07/25 13:46

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			124078	11/13/25 22:59	SA	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10.00 mL	123428	11/09/25 17:31	EL	EET MID
Total/NA	Analysis	8015B NM		10	1 uL	1 uL	123909	11/13/25 22:59	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	123608	11/10/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1			123809	11/12/25 21:54	CS	EET MID

Client Sample ID: FS05

Lab Sample ID: 890-9041-5

Date Collected: 11/07/25 09:19

Matrix: Solid

Date Received: 11/07/25 13:46

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	124132	11/16/25 16:48	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	124130	11/16/25 21:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124197	11/16/25 21:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			124078	11/13/25 23:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	123428	11/09/25 17:31	EL	EET MID
Total/NA	Analysis	8015B NM		10	1 uL	1 uL	123909	11/13/25 23:13	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	123608	11/10/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1			123809	11/12/25 21:59	CS	EET MID

Client Sample ID: SW01

Lab Sample ID: 890-9041-6

Date Collected: 11/07/25 09:26

Matrix: Solid

Date Received: 11/07/25 13:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	124149	11/17/25 06:00	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	124141	11/17/25 14:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124197	11/17/25 14:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			124078	11/13/25 23:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	123428	11/09/25 17:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	123909	11/13/25 23:29	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	123608	11/10/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1			123809	11/12/25 22:05	CS	EET MID

Client Sample ID: SW02

Lab Sample ID: 890-9041-7

Date Collected: 11/07/25 09:23

Matrix: Solid

Date Received: 11/07/25 13:46

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	124149	11/17/25 06:00	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	124141	11/17/25 14:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124197	11/17/25 14:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			124078	11/13/25 23:59	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	123428	11/09/25 17:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	123909	11/13/25 23:59	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
Project/Site: BEU D1 30 WEST BATTERY

Job ID: 890-9041-1
SDG: 03C1558769

Client Sample ID: SW02
Date Collected: 11/07/25 09:23
Date Received: 11/07/25 13:46

Lab Sample ID: 890-9041-7
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			5.03 g	50 mL	123608	11/10/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1			123809	11/12/25 22:10	CS	EET MID

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

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Accreditation/Certification Summary

Client: Ensolum
Project/Site: BEU D1 30 WEST BATTERY

Job ID: 890-9041-1
SDG: 03C1558769

Laboratory: Eurofins Midland

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

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

Method Summary

Client: Ensolum
Project/Site: BEU D1 30 WEST BATTERY

Job ID: 890-9041-1
SDG: 03C1558769

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: BEU D1 30 WEST BATTERY

Job ID: 890-9041-1
SDG: 03C1558769

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9041-1	FS01	Solid	11/07/25 09:07	11/07/25 13:46	0.5
890-9041-2	FS02	Solid	11/07/25 09:09	11/07/25 13:46	0.5
890-9041-3	FS03	Solid	11/07/25 09:11	11/07/25 13:46	0.5
890-9041-4	FS04	Solid	11/07/25 09:16	11/07/25 13:46	0.5
890-9041-5	FS05	Solid	11/07/25 09:19	11/07/25 13:46	0.5
890-9041-6	SW01	Solid	11/07/25 09:26	11/07/25 13:46	0-0.5
890-9041-7	SW02	Solid	11/07/25 09:23	11/07/25 13:46	0-0.5

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Environment Testing
Xenco

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

Chain of Custody

Work Order No: _____

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Project Manager:	TEACH HUARD	Bill to: (if different)	DALE WOODALL
Company Name:	Ensolum LLC	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:	

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



890-9041 Chain of Custody

Project Name:	BEU DI 30 West Battery	Turn Around	Pres. Code
Project Number:	6301558769	☒ Routine ☐ Rush	
Project Location:	32.57001, -103.85208	Due Date:	
Sampler's Name:	CHRIS MIGHT	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	6301558769		
SAMPLE RECEIPT	Temp Blank: ☒ Yes ☐ No	Thermometer ID:	Parameters
Samples Received Intact:	☒ Yes ☐ No	Correction Factor:	
Cooler Custody Seals:	☒ Yes ☐ No	Temperature Reading:	
Sample Custody Seals:	☒ Yes ☐ No	Corrected Temperature:	
Total Containers:			

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Preservative Codes
ES01	S	11/7/25	0907	0.5	C	1	None: NO DI Water: H2O
ES02	S	11/7/25	0909	0.5	C	1	Cool: Cool MeOH: Me HCL: HC HNO3: HN H2SO4: H2 H3PO4: HP NaHSO4: NABIS Na2S2O3: NaSO3 Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SARC
ES03	S	11/7/25	0911	0.5	C	1	
ES04	S	11/7/25	0916	0.5	C	1	
ES05	S	11/7/25	0919	0.5	C	1	
SM01	S	11/7/25	0926	0-0.5	C	1	
SM02	S	11/7/25	0923	0-0.5	C	1	

Total: 200-7-6010 200-8-76020:	8RCRA 13PPM Texas TI At Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed	TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		11/7 1346			



Environment Testing
Xenco

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

Chain of Custody

Work Order No: _____

www.xenco.com Page 1 of 1

Project Manager:	TRACY HUARD	Bill to: (if different)	DAVE WOODALL
Company Name:	Ensolium LLC	Company Name:	XTO ENERGY, INC.
Address:	3122 NATIONAL PARKS HWY	Address:	3104 F. GREENE ST.
City, State ZIP:	CARLSBAD, NM 88220	City, State ZIP:	CARLSBAD, NM 88220
Phone:	575.937.3906	Email:	

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



890-9041 Chain of Custody

Project Name:	RED DI 30 West Battery	Turn Around	Press. Code	
Project Number:	0501558769	☒ Routine ☐ Rush		
Project Location:	32.57001, -103.85208	Due Date:		
Sampler's Name:	CHAS WELSH	TAT starts the day received by the lab, if received by 4:30pm		
PO #:	651			
SAMPLE RECEIPT	Temp Blank: Yes ☒ No ☐ Thermometer ID: TUN001	Wet Ice: Yes ☒ No ☐		
Samples Received Intact:	Yes ☒ No ☐ N/A	Correction Factor:		
Cooler Custody Seals:	Yes ☒ No ☐ N/A	Temperature Reading:		
Sample Custody Seals:	Yes ☒ No ☐ N/A	Corrected Temperature:		
Total Containers:				

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grav/Comp	# of Cont	Parameters	Preservative Codes	Sample Comments
FS01	S	11/1/25	0907	0.5	0	1	BTEX (8021 B)	DI Water: H ₂ O	lost sample
FS02	S	11/1/25	0909	0.5	0	1	TPH (8015)	MeOH: Me	209614/001
FS03	S	11/1/25	0911	0.5	0	1	CHLORIDES (EPA 300)	HCl: HC	
FS04	S	11/1/25	0916	0.5	0	1		H ₂ SO ₄ : H ₂	48005000 - SPIUS
FS05	S	11/1/25	0919	0.5	0	1		H ₃ PO ₄ : HP	
SM01	S	11/1/25	0926	0-0.5	0	1		NaHSO ₄ : NABIS	INCIDENT NUMBER:
SM02	S	11/1/25	0923	0-0.5	0	1		Na ₂ S ₂ O ₃ : NaSO ₃	NAAP25279420
								Zn Acetate+NaOH: Zn	
								NaOH+Ascorbic Acid: SACP	

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM	Texas 11	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Pb	Mn	Mo	Ni	K	Se	Ag	SiO ₂	Na	Si	Ti	Sn	U	V	Zn
Circle Method(s) and Metal(s) to be analyzed		TCPLP / 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
		11/7 1346			

Eurofins Carlsbad

1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



eurofins | Environment Testing

Client Information (Sub Contract Lab)				Sample:	Lab PM:	Carrier Tracking No(s):	COC No:									
Client Contact:	N/A	Phone:	N/A	E-Mail:	Jessica Kramer - Jessica	N/A	890-6078-1									
Shipping/Receiving	N/A	Company:	N/A	E-Mail:	Jessica.Kramer@eurofins.com	State of Origin:	Page 1 of 1									
Eurofins Environment Testing South Central				Accreditations Required (See note):		New Mexico										
Address:				1211 W. Florida Ave.		Job #:										
City:				11/13/2025		890-9041-1										
Midland				TAT Requested (days):		Preservation Codes:										
State, Zip:				N/A												
Phone:				PO #:												
432-704-5440(Tel)				N/A												
Email:				WO #:												
N/A				N/A												
Project Name:				Project #:												
BEU D1 30 WEST BATTERY				89000110												
Site:				SSOW#:												
N/A				N/A												
Sample Identification - Client ID (Lab ID)				Sample Date	Sample Time	Sample Type (G=grab, G=comp, G=grab)	Matrix (Inorganic, Semi-solid, Over-satd., BTEX, Lead, etc.)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep(MOD) Full TPH	8015MOD_Calc	300_ORGFM_28D/DI_LEACHChloride	8021B/5035FP_Calc(MOD) BTEX	Total_BTEX_GCV	Total Number of containers	Special Instructions/Note:
FS 01 (890-9041-1)	11/7/25	Mountain	09:07	G	Solid			X	X	X	X	X	X	X	1	
FS 02 (890-9041-2)	11/7/25	Mountain	09:09	G	Solid			X	X	X	X	X	X	X	1	
FS 03 (890-9041-3)	11/7/25	Mountain	09:11	G	Solid			X	X	X	X	X	X	X	1	
FS 04 (890-9041-4)	11/7/25	Mountain	09:16	G	Solid			X	X	X	X	X	X	X	1	
FS 05 (890-9041-5)	11/7/25	Mountain	09:19	G	Solid			X	X	X	X	X	X	X	1	
SW 01 (890-9041-6)	11/7/25	Mountain	09:26	G	Solid			X	X	X	X	X	X	X	1	
SW 02 (890-9041-7)	11/7/25	Mountain	09:23	G	Solid			X	X	X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification

Unconfirmed

Deliverable Requested: I, II, III, IV, Other (specify) _____ Primary Deliverable Rank: 2

Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____ Company: _____

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____ Company: _____

Custody Seal Intact: _____ Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: _____

Δ Yes Δ No

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9041-1

SDG Number: 03C1558769

Login Number: 9041

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: 890-9041-1

SDG Number: 03C1558769

Login Number: 9041

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 11/08/25 02:59 PM

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	



APPENDIX E

Spill Volume Calculation

Location:	BIG EDDY UNIT DI 30 WEST BATTERY	
Spill Date:	10/19/2025	
Incident:	nAPP2529434018	
Area 1		
Approximate Area =	1,170	sq. ft.
Average Saturation (or depth) of spill =	0.50	inches
Average Porosity Factor =	0.15	
VOLUME OF LEAK		
Total Crude Oil =	1.25	bbls
Total Produced Water =	0.00	bbls
TOTAL VOLUME OF LEAK		
Total Crude Oil =	5.25	bbls
Total Produced Water =	0.00	bbls
TOTAL VOLUME RECOVERED		
Total Crude Oil =	4.00	bbls
Total Produced Water =	0.00	bbls

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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 518869

QUESTIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 518869
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2529434018
Incident Name	NAPP2529434018 BIG EDDY UNIT DI 30 WEST BATTERY @ J-15-20S-31E
Incident Type	Oil Release
Incident Status	Initial C-141 Received

Location of Release Source

Please answer all the questions in this group.

Site Name	BIG EDDY UNIT DI 30 WEST BATTERY
Date Release Discovered	10/19/2025
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Equipment Failure Pump Crude Oil Released: 5 BBL Recovered: 4 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
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)	pump failed at location and spilled onto pad

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QUESTIONS, Page 2

Action 518869

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 518869
	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)	More info needed to determine if this will be treated as 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: 10/22/2025
--	---

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QUESTIONS, Page 3

Action 518869

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 518869
	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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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 518869

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 518869
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	None	10/23/2025

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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 544292

QUESTIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 544292
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2529434018
Incident Name	NAPP2529434018 BIG EDDY UNIT DI 30 WEST BATTERY @ J-15-20S-31E
Incident Type	Oil Release
Incident Status	Deferral Request Received

Location of Release Source

Please answer all the questions in this group.

Site Name	BIG EDDY UNIT DI 30 WEST BATTERY
Date Release Discovered	10/19/2025
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Equipment Failure Pump Crude Oil Released: 5 BBL Recovered: 4 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
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)	pump failed at location and spilled onto pad

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QUESTIONS, Page 2

Action 544292

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 544292
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as 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: 01/19/2026
--	---

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Energy, Minerals and Natural Resources
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QUESTIONS, Page 3

Action 544292

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID:
	5380
	Action Number: 544292
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

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)	Between 26 and 50 (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 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (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	Between 1 and 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	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

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	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)	512
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	22000
GRO+DRO (EPA SW-846 Method 8015M)	20820
BTEX (EPA SW-846 Method 8021B or 8260B)	878
Benzene (EPA SW-846 Method 8021B or 8260B)	89.7
<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>	
On what estimated date will the remediation commence	11/04/2025
On what date will (or did) the final sampling or liner inspection occur	12/17/2025
On what date will (or was) the remediation complete(d)	12/17/2025
What is the estimated surface area (in square feet) that will be reclaimed	980
What is the estimated volume (in cubic yards) that will be reclaimed	220
What is the estimated surface area (in square feet) that will be remediated	980
What is the estimated volume (in cubic yards) that will be remediated	220
<i>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.</i>	
<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>	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 4

Action 544292

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 544292
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

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: 01/19/2026
<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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QUESTIONS, Page 5

Action 544292

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 544292
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Process piping, electrical panels, lined containments would need to be disassembled and removed
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	980
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	200
<i>Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.</i>	
Enter the facility ID (f#) on which this deferral should be granted	fAPP2123045897 BIG EDDY UNIT 30 EAST
Enter the well API (30-) on which this deferral should be granted	Not answered.
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
<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: 01/19/2026

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QUESTIONS, Page 6

Action 544292

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 544292
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	534090
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/18/2025
What was the (estimated) number of samples that were to be gathered	24
What was the sampling surface area in square feet	4800

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 544292

CONDITIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 544292
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	XTO's deferral requests final remediation for (Incident Number nAPP2529434018) until final reclamation of the well pad or major construction, whichever comes first. Ensolum and XTO do not believe deferment will result in imminent risk to human health, the environment, or groundwater. The impacted soil is the area designated as "Area of Requested Deferral" on figure 4 that is limited to the area beneath active production equipment and infrastructure, where remediation would require a major facility deconstruction. At this time, OCD approves this request. The Deferral Request and C-141 will be accepted for record and placed in the incident file. The release will remain open in OCD database files and reflect an open environmental issue.	4/15/2026