ENSOLUM

May 8, 2026

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

**Re: Closure Request**
**PLU 13 DTD East Battery**
**Incident Number nAPP2605137503**
**Eddy County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum) on behalf of XTO Energy, Inc. (XTO), has prepared this *Closure Request* to document site assessment, excavation, and soil sampling activities at the PLU 13 DTD East Battery (Site). The purpose of the site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following a release of produced water. Based on field observations, field screening activities, and soil sample laboratory analytical results, XTO is submitting this *Closure Request*, describing remedial activities that have occurred and requesting no further remediation for Incident Number nAPP2605137503.

## SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit H, Section 24, Township 24 South, Range 30 East, in Eddy County, New Mexico (32.205845°, -103.830242°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On February 19, 2026, corrosion on a surface flowline resulted in the release of approximately 12 barrels (bbls) of produced water onto the surface of the pad. A vacuum truck was dispatched and approximately 5 bbls of fluids were recovered. XTO submitted a Notification of Release (NOR) and Initial C-141 Application (C-141) to the New Mexico Oil Conservation Division (NMOCD) on February 20, 2026. The release was assigned Incident Number nAPP2605137503.

## SITE CHARACTERIZATION AND CLOSURE CRITERIA

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

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on a soil boring drilled to investigate regional groundwater depth. In November 2020, a soil boring permitted by New Mexico Office of the State Engineer (NMOSE; C-4483 POD 1) was completed approximately 0.32 miles northwest of the Site utilizing hollow stem auger drilling method. Soil boring

C-4483 POD 1 was drilled to a depth of 110 feet bgs. A field geologist logged and described soils continuously. No moisture or groundwater was encountered during drilling activities. The temporary well was left open for over 72 hours to allow for potential slow infill of groundwater. After the 72-hour waiting period without observing groundwater, it was confirmed that groundwater beneath the Site is greater than 110 feet bgs. The borehole was properly abandoned with drill cuttings and hydrated bentonite chips. The original Well Record & Log noted the incorrect location of the well, as such the corrected records are included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a dry wash, located approximately 6,566 feet northwest 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 potentially unstable geology (low potential karst designation area). Potential Site receptors are identified on Figure 1.

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

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

## SITE ASSESSMENT AND DELINEATION ACTIVITIES

On February 27 and March 6, 2026, Ensolum personnel visited the Site to evaluate the release extent based on information provided on the C-141 and visual observations. Delineation soil samples SS01 through SS10 were collected within and around the release extent from ground surface. Delineation potholes were advanced via backhoe to depths of 4 feet and 1-foot bgs in the vicinity of soil samples SS02 and SS03, respectively. Soil from the delineation potholes were field screened at depths ranging from 0.5 feet to 4 feet bgs for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride utilizing Hach® chloride QuanTab® test strips. Field screening results and observations for the potholes were logged on lithologic/soil sampling logs, which are included in Appendix B. The release extent area was mapped utilizing a handheld Global Positioning System (GPS) unit and is depicted on Figure 2. Photographic documentation was collected and a photographic log is provided in Appendix C.

Laboratory analytical results indicated all delineation soil samples were in compliance with Closure Criteria. In addition, laboratory analytical results indicated all soil samples collected around the release extent were in compliance with reclamation requirements, successfully defining the lateral extent of the release.

## CONFIRMATION AND EXCAVATION SOIL SAMPLING ACTIVITIES

On March 6 through April 17, 2026, Ensolum personnel collected confirmation composite samples within the release extent, subsequent to surface scraping activities. Ensolum personnel collected 5-point composite soil samples representing no more than 200 square feet from the surface of the release extent. The 5-point composite soil 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 CS01 through CS32 were collected from ground surface.

Based on laboratory analytical results, impacted soil was excavated from the release area in the vicinity of CS16 and CS17. Excavation activities were performed using a backhoe and transport vehicle. The excavation occurred on the well pad near the production equipment. To direct excavation activities, Ensolum personnel screened soil for VOCs and chloride as described above. Following removal of the impacted soil, 5-point confirmation soil samples were collected. Confirmation floor soil samples FS01 and FS02 were collected from depths of 0.5 feet bgs. Confirmation sidewall soil sample SW01 was collected from the wall of the excavation from depths ranging from ground surface to 0.5 feet bgs. The release extent, excavation extent, and all soil sample locations are presented on Figure 2.

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

The final excavation extent measured approximately 397 square feet. A total of approximately 10 cubic yards of impacted soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at the R360 Halfway Disposal Service in Hobbs, New Mexico. After completion of confirmation sampling, the excavation area was backfilled with material purchased locally and recontoured to match pre-existing site conditions.

## LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for all final confirmation soil samples collected indicated that all COC concentrations were compliant with the Closure Criteria. Laboratory analytical results are summarized in Table 1, and the complete laboratory analytical reports are included as Appendix D.

## CLOSURE REQUEST

Site assessment, delineation and excavation activities were conducted at the Site to address the February 2026, release of produced water. Laboratory analytical results for the confirmation soil samples indicated that all COC concentrations were compliant with the Site Closure Criteria. Based on the soil sample analytical results, no further remediation was required. XTO has backfilled the excavation with material purchased locally and recontoured the Site to match pre-existing site conditions.

Excavation of impacted soil has mitigated impacts at this Site. Depth to groundwater has been estimated to be greater than 100 feet bgs and no other sensitive receptors were identified near the Site. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests closure for Incident Number nAPP2605137503.

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

Tacoma Morrissey
Associate Principal

cc: Robert Woodall, XTO
Richard Kotzur, XTO
BLM

Appendices:

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

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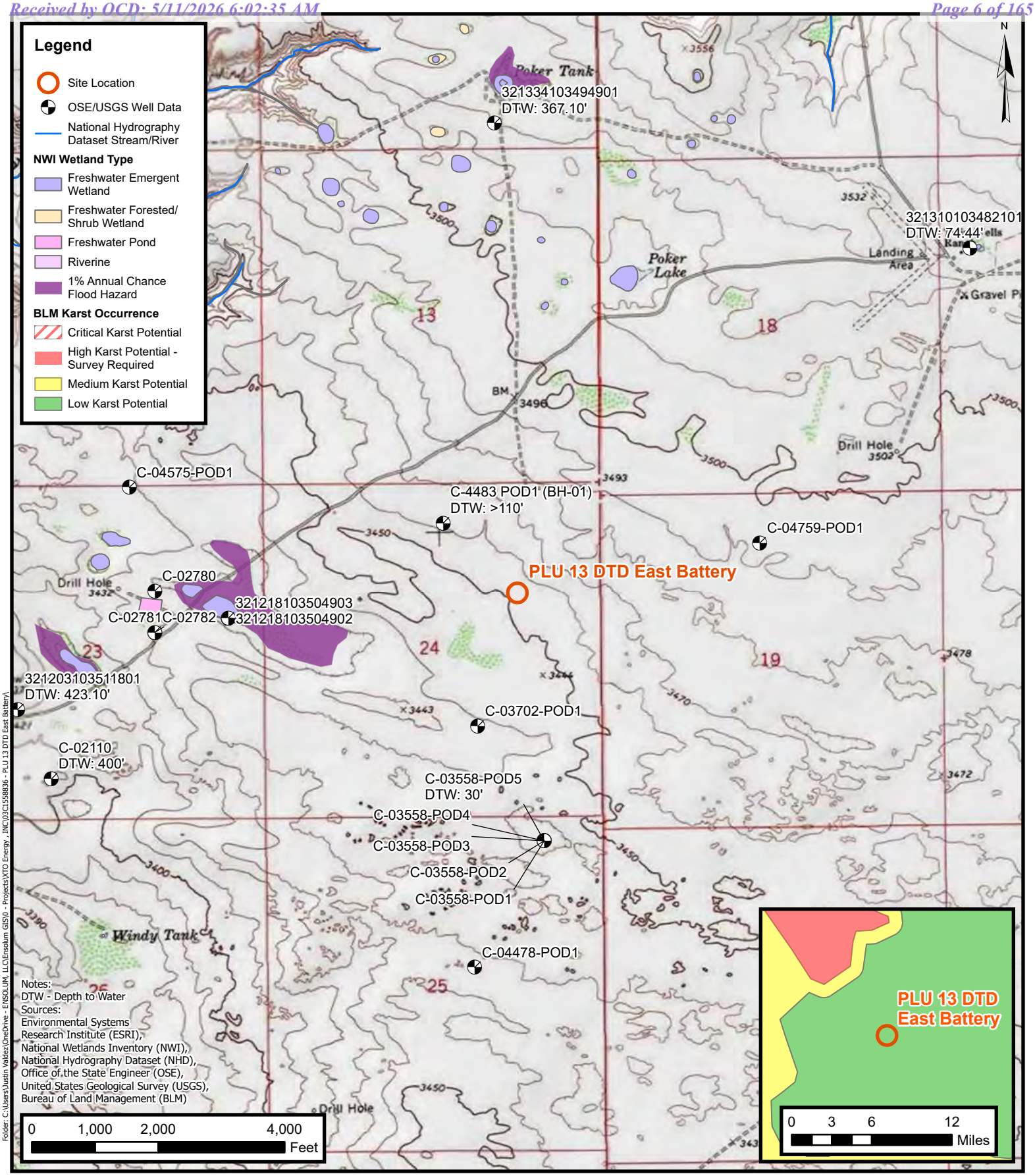
# FIGURES

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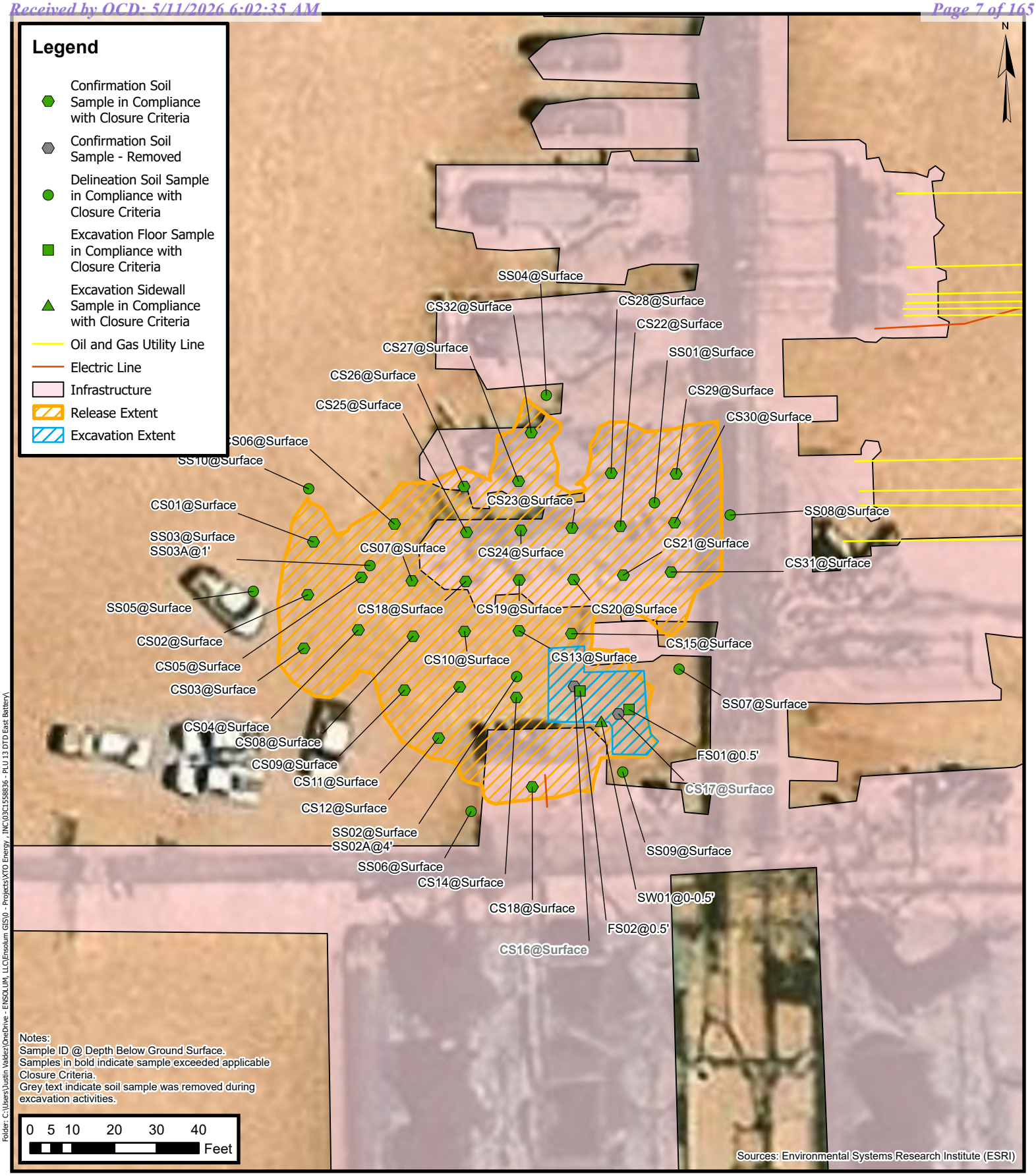
Environmental, Engineering and Hydrogeologic Consultants

# Site Receptor Map

XTO Energy , Inc
PLU 13 DTD East Battery
Incident Number: nAPP2605137503
Unit H, Section 24, T 24S, R 30E
Eddy County, New Mexico

**FIGURE 1**

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# Delineation Soil Sample Locations

XTO Energy , Inc
PLU 13 DTD East Battery
Incident Number: nAPP2605137503
Unit H, Section 24, T 24S, R 30E
Eddy County, New Mexico

**FIGURE 2**

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# TABLES

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**TABLE 1**
**SOIL SAMPLE ANALYTICAL RESULTS**
**PLU 13 DTD East Battery**
**XTO Energy, Inc**
**Eddy County, New Mexico**

| Sample I.D. | Sample Date | Sample Depth (feet bgs) | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH ORO (mg/kg) | GRO+DRO (mg/kg) | Total TPH (mg/kg) | Chloride (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| NMOCD Table I Closure Criteria (NMAC 19.15.29) | | | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 20,000 |
| **Delineation Soil Samples** | | | | | | | | | | |
| SS01 | 02/27/2026 | Surface | <0.00198 | <0.00396 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 13.1 |
| SS02 | 02/27/2026 | Surface | <0.00200 | <0.00399 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 14,400 |
| SS02A | 03/06/2026 | 4 | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 640 |
| SS03 | 02/27/2026 | Surface | <0.00201 | <0.00402 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 11,500 |
| SS03A | 03/06/2026 | 1 | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 144 |
| SS04 | 03/06/2026 | Surface | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 144 |
| SS05 | 02/27/2026 | Surface | <0.00201 | <0.00402 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 360 |
| SS06 | 02/27/2026 | Surface | <0.00202 | <0.00404 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | <9.98 |
| SS07 | 03/06/2026 | Surface | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 256 |
| SS08 | 02/27/2026 | Surface | <0.00199 | <0.00398 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 117 |
| SS09 | 02/27/2026 | Surface | <0.00200 | <0.00401 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | <10.0 |
| SS10 | 03/06/2026 | Surface | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 80.0 |
| **Confirmation Soil Samples** | | | | | | | | | | |
| CS01 | 03/06/2026 | Surface | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 6,000 |
| CS02 | 03/06/2026 | Surface | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 8,480 |
| CS03 | 03/06/2026 | Surface | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 8,160 |
| CS04 | 03/06/2026 | Surface | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 7,680 |
| CS05 | 03/06/2026 | Surface | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 8,960 |
| CS06 | 03/06/2026 | Surface | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 7,280 |
| CS07 | 03/06/2026 | Surface | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 5,760 |
| CS08 | 03/06/2026 | Surface | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 6,400 |
| CS09 | 03/06/2026 | Surface | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 6,800 |
| CS10 | 03/06/2026 | Surface | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 11,800 |
| CS11 | 03/06/2026 | Surface | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 5,840 |
| CS12 | 03/06/2026 | Surface | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 4,880 |
| CS13 | 03/06/2026 | Surface | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 7,520 |
| CS14 | 03/06/2026 | Surface | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 9,440 |
| CS15 | 03/06/2026 | Surface | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 8,880 |
| ~~CS16~~ | ~~03/06/2026~~ | ~~Surface~~ | ~~<0.050~~ | ~~<0.300~~ | ~~<10.0~~ | ~~1,000~~ | ~~156~~ | ~~**1,000**~~ | ~~1,156~~ | ~~8,160~~ |
| ~~CS17~~ | ~~03/06/2026~~ | ~~Surface~~ | ~~<0.050~~ | ~~<0.300~~ | ~~<10.0~~ | ~~1,230~~ | ~~213~~ | ~~**1,230**~~ | ~~1,443~~ | ~~5,760~~ |
| CS18 | 04/16/2026 | Surface | <0.00201 | <0.00402 | <50.0 | 73.0 | <50.0 | 73.0 | 73.0 | 8,420 |

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**TABLE 1**
**SOIL SAMPLE ANALYTICAL RESULTS**
**PLU 13 DTD East Battery**
**XTO Energy, Inc**
**Eddy County, New Mexico**

| Sample I.D. | Sample Date | Sample Depth (feet bgs) | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH ORO (mg/kg) | GRO+DRO (mg/kg) | Total TPH (mg/kg) | Chloride (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| **NMOCD Table I Closure Criteria (NMAC 19.15.29)** | | | **10** | **50** | **NE** | **NE** | **NE** | **1,000** | **2,500** | **20,000** |
| CS19 | 04/16/2026 | Surface | <0.00199 | <0.00398 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 15,700 |
| CS20 | 04/16/2026 | Surface | <0.00199 | <0.00398 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 11,600 |
| CS21 | 04/17/2026 | Surface | <0.00202 | <0.00404 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 5,490 |
| CS22 | 04/16/2026 | Surface | <0.00199 | <0.00398 | <50.0 | 108 | <50.0 | 108 | 108 | 4,110 |
| CS23 | 04/16/2026 | Surface | <0.00200 | <0.00399 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 9,490 |
| CS24 | 04/16/2026 | Surface | <0.00201 | <0.00402 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 6,350 |
| CS25 | 04/16/2026 | Surface | <0.00199 | <0.00398 | <50.0 | 939 | 117 | 939 | 1,060 | 9,870 |
| CS26 | 04/17/2026 | Surface | <0.00201 | <0.00402 | <50.4 | 73.5 | <50.4 | 73.5 | 73.5 | 10,500 |
| CS27 | 04/17/2026 | Surface | <0.00202 | <0.00404 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 10,300 |
| CS28 | 04/17/2026 | Surface | <0.00199 | <0.00398 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 4,770 |
| CS29 | 04/17/2026 | Surface | <0.00200 | <0.00400 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 9,490 |
| CS30 | 04/17/2026 | Surface | <0.00200 | <0.00399 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 6,840 |
| CS31 | 04/17/2026 | Surface | <0.00201 | <0.00402 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 3,620 |
| CS32 | 04/17/2026 | Surface | <0.00202 | <0.00404 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 3,580 |
| FS01 | 04/17/2026 | 0.5 | <0.00201 | <0.00402 | <50.1 | 193 | <50.1 | 193 | 193 | 2,970 |
| FS02 | 04/16/2026 | 0.5 | <0.00198 | <0.00397 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 2,330 |
| SW01 | 04/16/2026 | 0 - 0.5 | <0.00200 | <0.00401 | <49.9 | 90.3 | <49.9 | 90.3 | 90.3 | 5,800 |

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

NMAC: New Mexico Administrative Code

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# APPENDIX A

## Referenced Well Records

Atkins ENGINEERING ASSOCIATES INC.
2904 W 2nd St.
Roswell, NM 88201
voice: 575.624.2420
fax: 575.624.2421
www.atkinseng.com

4/26/2023

DII-NMOSE
1900 W 2nd Street
Roswell, NM 88201

*Hand Delivered to the DII Office of the State Engineer*

Re: Resubmitted Well Record C-4483 Pod1

To whom it may concern:

Attached please find a corrected well record and a plugging record, in duplicate, for a one (1) soil borings, C-4483 Pod1. The Longitude was corrected for both records.

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

Lucas Middleton

Enclosures: as noted above

# WELL RECORD & LOG

## OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

**1. GENERAL AND WELL LOCATION**

| OSE POD NO. (WELL NO.) | WELL TAG ID NO. | OSE FILE NO(S). |
|---|---|---|
| POD1 (BH-01) | n/a | C-4483 |

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

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

| WELL LOCATION (FROM GPS) | | DEGREES | MINUTES | SECONDS | |
|---|---|---|---|---|---|
| | LATITUDE | 32° | 12' | 31.77" | N |
| | LONGITUDE | ~~104°~~ 103 | 50' | 0.72" | W |

* ACCURACY REQUIRED: ONE TENTH OF A SECOND

* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

NW NW NE Sec. 24 T24S R30E

**2. DRILLING & CASING INFORMATION**

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

| DRILLING STARTED | DRILLING ENDED | DEPTH OF COMPLETED WELL (FT) | BORE HOLE DEPTH (FT) | DEPTH WATER FIRST ENCOUNTERED (FT) |
|---|---|---|---|---|
| 11/24/2020 | 11/24/2020 | temporary well material | 110 | n/a |

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): n/a

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

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

| DEPTH (feet bgl) FROM | DEPTH (feet bgl) TO | BORE HOLE DIAM (inches) | CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen) | CASING CONNECTION TYPE (add coupling diameter) | CASING INSIDE DIAM. (inches) | CASING WALL THICKNESS (inches) | SLOT SIZE (inches) |
|---|---|---|---|---|---|---|---|
| 0 | 110 | ±8.5 | Boring- HSA | -- | -- | -- | -- |
| | | | | | | | |
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| | | | | | | | |

**3. ANNULAR MATERIAL**

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

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/17)

| FILE NO. | POD NO. | TRN NO. | |
|---|---|---|---|
| LOCATION | | WELL TAG ID NO. | PAGE 1 OF 2 |

**4. HYDROGEOLOGIC LOG OF WELL**

| DEPTH (feet bgl) FROM | DEPTH (feet bgl) TO | THICKNESS (feet) | COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)** | WATER BEARING? (YES / NO) | ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm) |
|---|---|---|---|---|---|
| 0 | 24 | 24 | Sand, Fine-grained,poorly-graded, with caliche, Tan-Off-White | Y ✓ N | |
| 24 | 34 | 10 | Sand, Fine-grained,poorly-graded, silty, with caliche gravel, Tan-Off-White | Y ✓ N | |
| 34 | 51 | 17 | Sand, Fine-grained,poorly-graded, silty, with caliche gravel, Light Brown | Y ✓ N | |
| 51 | 54 | 3 | Sand, Fine-grained,poorly-graded, silty, with caliche gravel, Light Brown-Brown | Y ✓ N | |
| 54 | 76 | 22 | Sand, Fine-grained,poorly-graded, Brown, dry | Y ✓ N | |
| 76 | 101 | 25 | Sand, Fine-grained,poorly-graded, Light-Brown, dry | Y ✓ N | |
| 101 | 110 | 9 | Sand, Fine-grained,poorly-graded, with gravel, Light-Brown, dry-moist | Y ✓ N | |
| | | | | Y N | |
| | | | | Y N | |
| | | | | Y N | |
| | | | | Y N | |
| | | | | Y N | |
| | | | | Y N | |
| | | | | Y N | |
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| | | | | Y N | |
| | | | | Y N | |
| | | | | Y N | |
| | | | | Y N | |
| | | | | Y N | |

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

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

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

**5. TEST; RIG SUPERVISION**

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

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

RECEIVED DEC 27 2023

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

Shane Eldridge

**6. SIGNATURE**

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

Jack Atkins — Jackie D. Atkins — 12/14/20

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

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

| FILE NO. | POD NO. | TRN NO. | |
|---|---|---|---|
| LOCATION | | WELL TAG ID NO. | PAGE 2 OF 2 |

# PLUGGING RECORD

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

## I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-4483-POD1

Well owner: XTO ENERGY (Kyle Littrell) Phone No.: 432.682.8873

Mailing address: 6401 Holiday Hill Dr.

City: Midland State: Texas Zip code: 79707

## II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Jackie D. Atkins ( Atkins Engineering Associates Inc.)

2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/21

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Shane Elridge

4) Date well plugging began: 11/30/2020 Date well plugging concluded: 11/30/2020

5) GPS Well Location: Latitude: 32 deg, 12 min, 31.77 sec
Longitude: ~~104~~ 103 deg, 50 min, 0.72 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 110 ft below ground level (bgl), by the following manner: weighted tape

7) Static water level measured at initiation of plugging: n/a ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 09/29/2020

9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

Version: September 8, 2009
Page 1 of 2

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

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

| Depth (ft bgl) | Plugging Material Used (include any additives used) | Volume of Material Placed (gallons) | Theoretical Volume of Borehole/ Casing (gallons) | Placement Method (tremie pipe, other) | Comments ("casing perforated first", "open annular space also plugged", etc.) |
|---|---|---|---|---|---|
| | 0-10' Hydrated Bentonite | Approx. 26 gallons | 26 gallons | Augers | |
| | 10'-110' Drill Cuttings | Approx. 163 gallons | 163 gallons | Boring | |

| MULTIPLY | | BY | | AND OBTAIN |
|---|---|---|---|---|
| cubic feet | x | 7.4805 | = | gallons |
| cubic yards | x | 201.97 | = | gallons |

OCD: 5/11/2026 2:02:35 PM

**III. SIGNATURE:**

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

Jack Atkins

Signature of Well Driller

12/14/2020

Date

Version: September 8, 2009
Page 2 of 2

# 2020-12-15_C-4483_POD1_OSE_Well Record and Log_plu13-forsign

Final Audit Report 2020-12-15

| | |
|---|---|
| Created: | 2020-12-15 |
| By: | Lucas Middleton (lucas@atkinseng.com) |
| Status: | Signed |
| Transaction ID: | CBJCHBCAABAARxff6o4VHy1EHZsp0Yo_uFsm-rYe4wj2 |

## "2020-12-15_C-4483_POD1_OSE_Well Record and Log_plu13-forsign" History

Document created by Lucas Middleton (lucas@atkinseng.com)
2020-12-15 - 8:03:25 PM GMT- IP address: 69.21.248.123

Document emailed to Jack Atkins (jack@atkinseng.com) for signature
2020-12-15 - 8:03:56 PM GMT

Email viewed by Jack Atkins (jack@atkinseng.com)
2020-12-15 - 8:27:59 PM GMT- IP address: 74.50.153.115

Document e-signed by Jack Atkins (jack@atkinseng.com)
Signature Date: 2020-12-15 - 8:29:23 PM GMT - Time Source: server- IP address: 74.50.153.115

Agreement completed.
2020-12-15 - 8:29:23 PM GMT

Adobe Sign

ENSOLUM

# APPENDIX B

## Photographic Log

ENSOLUM

# Photographic Log

XTO Energy, Inc
PLU 13 DTD East Battery
nAPP2605137503

| Photograph 1 | Date 2/20/2026 |   |
|---|---|---|
| Description<br>Initial release saturation | | |
| View<br>East | | |

| Photograph 2 | Date 2/27/2026 |   |
|---|---|---|
| Description<br>Delineation activities | | |
| View<br>Northeast | | |

ENSOLUM

# Photographic Log

XTO Energy, Inc
PLU 13 DTD East Battery
nAPP2605137503

| Photograph 3 | Date 3/6/2026 |   |
|---|---|---|
| Description: Delineation activities | | |
| View: West | | |
| Photograph 4 | Date 3/6/2026 |   |
| Description: Delineation activities; near SS02 | | |
| View: East | | |

ENSOLUM

# Photographic Log

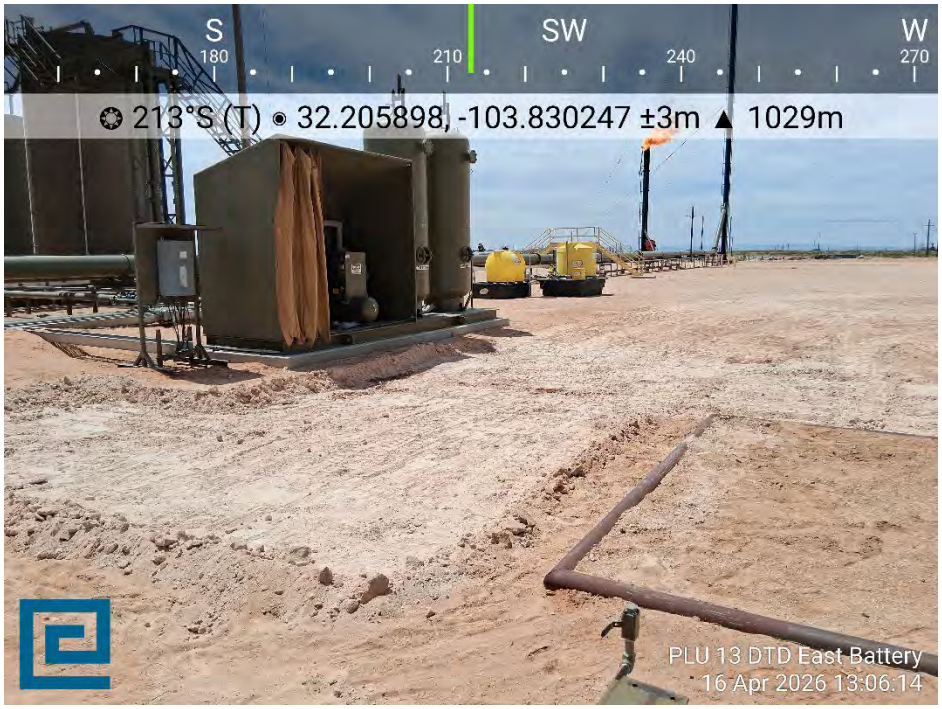
XTO Energy, Inc
PLU 13 DTD East Battery
nAPP2605137503

| Photograph | Date |
|---|---|
| 5 | 3/6/2026 |


Description
Surface scraping and confirmation soil sampling activities

View
North

| Photograph | Date |
|---|---|
| 6 | 4/16/2026 |




Description
Excavation activities

View
Southwest

ENSOLUM

# Photographic Log

XTO Energy, Inc
PLU 13 DTD East Battery
nAPP2605137503

| Photograph 7 | Date 4/17/2026 |   |
|---|---|---|
| Description: Excavation activities | | |
| View: East | | |
| Photograph 8 | Date 4/30/2026 |   |
| Description: Backfilled excavation | | |
| View: East | | |

ENSOLUM

# APPENDIX C

## Lithologic Soil Sampling Logs

ENSOLUM

| | | |
|---|---|---|
| | Sample Name: SS02 | Date: 3/6/2026 |
| | Site Name: PLU 13 DTD East Battery | |
| | Incident Number: nAPP2605137503 | |
| | Job Number: 03C1558836 | |
| **LITHOLOGIC / SOIL SAMPLING LOG** | Logged By: CJ, JDB | Method: Backhoe |
| Coordinates: 32.205864, -103.830313 | Hole Diameter: 3' | Total Depth: 4' |

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. 40% correction factor included.

| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions |
|---|---|---|---|---|---|---|---|---|
| D | 14,400 | 11.1 | N | SS02 | Surface | 0 | SM | 0 - 2': Light brown sands (medium to fine grained) with little silts. Few carbonate gravels (angular, 0.2-0.5cm). Poorly graded, cohesive, non-plastic. No odor, moderate surface staining. |
| D | 5,000 | 0.3 | N | | | 1 | | |
| D | 5,443 | 0.0 | N | | | 2 | | |
| D | 2,391 | 0.8 | N | | | 3 | SC | 2' - 4': Light to dark brown sands (medium to fine grained) with clays and silts. Poorly graded, cohesive, medium to low plasticity. No odor, no staining. |
| D | 640 | 0.0 | N | SS02A | 4 | 4 | | |

Total Depth @ 4 feet bgs

ENSOLUM

| | | |
|---|---|---|
| | Sample Name: SS03 | Date: 3/6/2026 |
| | Site Name: PLU 13 DTD East Battery | |
| | Incident Number: nAPP2605137503 | |
| | Job Number: 03C1558836 | |
| **LITHOLOGIC / SOIL SAMPLING LOG** | Logged By: CJ, JDB | Method: Backhoe |
| Coordinates: 32.205938, -103.830425 | Hole Diameter: 3' | Total Depth: 1' |

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. 40% correction factor included.

| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions |
|---|---|---|---|---|---|---|---|---|
| D | 11,500 | 9.3 | N | SS03 | Surface | 0 | SM | 0 - 1': Light brown sands (medium to fine grained) with little silts. Few carbonate gravels (angular, 0.2-0.5cm). Poorly graded, cohesive, non-plastic. No odor, moderate surface staining. |
| D | 144 | 0.0 | N | SS03A | 1 | 1 | | |
| Total Depth @ 1 foot bgs | | | | | | | | |

ENSOLUM

# APPENDIX D

## Laboratory Analytical Reports & Chain of Custody Documentation

CARDINAL Laboratories

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

March 13, 2026

TRACY HILLARD

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 13 DTD EAST BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/09/26 12:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 03/09/2026 | Sampling Date: | 03/06/2026 |
| Reported: | 03/13/2026 | Sampling Type: | Soil |
| Project Name: | PLU 13 DTD EAST BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558836 SPILL | Sample Received By: | Tamara Oldaker |
| Project Location: | XTO 32.205854, -103.830370 | | |

### Sample ID: SS02 A 4 (H261328-01)

**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 | 03/10/2026 | ND | 2.11 | 105 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.02 | 101 | 2.00 | 1.08 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/10/2026 | ND | 1.93 | 96.6 | 2.00 | 2.01 | |
| Total Xylenes* | <0.150 | 0.150 | 03/10/2026 | ND | 5.91 | 98.6 | 6.00 | 2.15 | |
| Total BTEX | <0.300 | 0.300 | 03/10/2026 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **640** | 16.0 | 03/10/2026 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 03/10/2026 | ND | 195 | 97.7 | 200 | 3.07 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/10/2026 | ND | 202 | 101 | 200 | 4.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/10/2026 | ND | | | | | |

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

*Surrogate: 1-Chlorooctadecane* *95.0 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte



Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 03/09/2026 | Sampling Date: | 03/06/2026 |
| Reported: | 03/13/2026 | Sampling Type: | Soil |
| Project Name: | PLU 13 DTD EAST BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558836 SPILL | Sample Received By: | Tamara Oldaker |
| Project Location: | XTO 32.205854, -103.830370 | | |

### Sample ID: SS03 A 1 (H261328-02)

**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 | 03/10/2026 | ND | 2.11 | 105 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.02 | 101 | 2.00 | 1.08 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/10/2026 | ND | 1.93 | 96.6 | 2.00 | 2.01 | |
| Total Xylenes* | <0.150 | 0.150 | 03/10/2026 | ND | 5.91 | 98.6 | 6.00 | 2.15 | |
| Total BTEX | <0.300 | 0.300 | 03/10/2026 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *104 %* *70.4-141*

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **144** | 16.0 | 03/10/2026 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 03/10/2026 | ND | 195 | 97.7 | 200 | 3.07 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/10/2026 | ND | 202 | 101 | 200 | 4.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/10/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *83.0 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *82.7 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte



Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 03/09/2026 | Sampling Date: | 03/06/2026 |
| Reported: | 03/13/2026 | Sampling Type: | Soil |
| Project Name: | PLU 13 DTD EAST BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558836 SPILL | Sample Received By: | Tamara Oldaker |
| Project Location: | XTO 32.205854, -103.830370 | | |

### Sample ID: CS 01 SURFACE (H261328-03)

**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 | 03/10/2026 | ND | 2.11 | 105 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.02 | 101 | 2.00 | 1.08 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/10/2026 | ND | 1.93 | 96.6 | 2.00 | 2.01 | |
| Total Xylenes* | <0.150 | 0.150 | 03/10/2026 | ND | 5.91 | 98.6 | 6.00 | 2.15 | |
| Total BTEX | <0.300 | 0.300 | 03/10/2026 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **6000** | 16.0 | 03/10/2026 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 03/10/2026 | ND | 195 | 97.7 | 200 | 3.07 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/10/2026 | ND | 202 | 101 | 200 | 4.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/10/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *87.2 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *85.5 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte



Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 03/09/2026 | Sampling Date: | 03/06/2026 |
| Reported: | 03/13/2026 | Sampling Type: | Soil |
| Project Name: | PLU 13 DTD EAST BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558836 SPILL | Sample Received By: | Tamara Oldaker |
| Project Location: | XTO 32.205854, -103.830370 | | |

### Sample ID: CS 02 SURFACE (H261328-04)

**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 | 03/10/2026 | ND | 2.11 | 105 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.02 | 101 | 2.00 | 1.08 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/10/2026 | ND | 1.93 | 96.6 | 2.00 | 2.01 | |
| Total Xylenes* | <0.150 | 0.150 | 03/10/2026 | ND | 5.91 | 98.6 | 6.00 | 2.15 | |
| Total BTEX | <0.300 | 0.300 | 03/10/2026 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **8480** | 16.0 | 03/10/2026 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 03/10/2026 | ND | 195 | 97.7 | 200 | 3.07 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/10/2026 | ND | 202 | 101 | 200 | 4.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/10/2026 | ND | | | | | |

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

*Surrogate: 1-Chlorooctadecane* *87.9 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte



Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 03/09/2026 | Sampling Date: | 03/06/2026 |
| Reported: | 03/13/2026 | Sampling Type: | Soil |
| Project Name: | PLU 13 DTD EAST BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558836 SPILL | Sample Received By: | Tamara Oldaker |
| Project Location: | XTO 32.205854, -103.830370 | | |

### Sample ID: CS O3 SURFACE (H261328-05)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.11 | 105 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.02 | 101 | 2.00 | 1.08 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/10/2026 | ND | 1.93 | 96.6 | 2.00 | 2.01 | |
| Total Xylenes* | <0.150 | 0.150 | 03/10/2026 | ND | 5.91 | 98.6 | 6.00 | 2.15 | |
| Total BTEX | <0.300 | 0.300 | 03/10/2026 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **8160** | 16.0 | 03/10/2026 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 03/10/2026 | ND | 195 | 97.7 | 200 | 3.07 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/10/2026 | ND | 202 | 101 | 200 | 4.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/10/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *88.8 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *87.0 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte



Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 03/09/2026 | Sampling Date: | 03/06/2026 |
| Reported: | 03/13/2026 | Sampling Type: | Soil |
| Project Name: | PLU 13 DTD EAST BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558836 SPILL | Sample Received By: | Tamara Oldaker |
| Project Location: | XTO 32.205854, -103.830370 | | |

### Sample ID: CS 04 SURFACE (H261328-06)

**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 | 03/10/2026 | ND | 2.11 | 105 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.02 | 101 | 2.00 | 1.08 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/10/2026 | ND | 1.93 | 96.6 | 2.00 | 2.01 | |
| Total Xylenes* | <0.150 | 0.150 | 03/10/2026 | ND | 5.91 | 98.6 | 6.00 | 2.15 | |
| Total BTEX | <0.300 | 0.300 | 03/10/2026 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **7680** | 16.0 | 03/10/2026 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 03/10/2026 | ND | 195 | 97.7 | 200 | 3.07 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/10/2026 | ND | 202 | 101 | 200 | 4.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/10/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *87.9 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *86.1 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte



Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 03/09/2026 | Sampling Date: | 03/06/2026 |
| Reported: | 03/13/2026 | Sampling Type: | Soil |
| Project Name: | PLU 13 DTD EAST BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558836 SPILL | Sample Received By: | Tamara Oldaker |
| Project Location: | XTO 32.205854, -103.830370 | | |

### Sample ID: CS 05 SURFACE (H261328-07)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.11 | 105 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.02 | 101 | 2.00 | 1.08 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/10/2026 | ND | 1.93 | 96.6 | 2.00 | 2.01 | |
| Total Xylenes* | <0.150 | 0.150 | 03/10/2026 | ND | 5.91 | 98.6 | 6.00 | 2.15 | |
| Total BTEX | <0.300 | 0.300 | 03/10/2026 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *107 %* *70.4-141*

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **8960** | 16.0 | 03/10/2026 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 03/10/2026 | ND | 195 | 97.7 | 200 | 3.07 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/10/2026 | ND | 202 | 101 | 200 | 4.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/10/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *82.7 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *81.2 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte



Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 03/09/2026 | Sampling Date: | 03/06/2026 |
| Reported: | 03/13/2026 | Sampling Type: | Soil |
| Project Name: | PLU 13 DTD EAST BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558836 SPILL | Sample Received By: | Tamara Oldaker |
| Project Location: | XTO 32.205854, -103.830370 | | |

### Sample ID: CS 06 SURFACE (H261328-08)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.11 | 105 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.02 | 101 | 2.00 | 1.08 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/10/2026 | ND | 1.93 | 96.6 | 2.00 | 2.01 | |
| Total Xylenes* | <0.150 | 0.150 | 03/10/2026 | ND | 5.91 | 98.6 | 6.00 | 2.15 | |
| Total BTEX | <0.300 | 0.300 | 03/10/2026 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **7280** | 16.0 | 03/10/2026 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 03/10/2026 | ND | 195 | 97.7 | 200 | 3.07 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/10/2026 | ND | 202 | 101 | 200 | 4.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/10/2026 | ND | | | | | |

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

*Surrogate: 1-Chlorooctadecane* *90.1 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte



Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 03/09/2026 | Sampling Date: | 03/06/2026 |
| Reported: | 03/13/2026 | Sampling Type: | Soil |
| Project Name: | PLU 13 DTD EAST BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558836 SPILL | Sample Received By: | Tamara Oldaker |
| Project Location: | XTO 32.205854, -103.830370 | | |

### Sample ID: CS 07 SURFACE (H261328-09)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.11 | 105 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.02 | 101 | 2.00 | 1.08 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/10/2026 | ND | 1.93 | 96.6 | 2.00 | 2.01 | |
| Total Xylenes* | <0.150 | 0.150 | 03/10/2026 | ND | 5.91 | 98.6 | 6.00 | 2.15 | |
| Total BTEX | <0.300 | 0.300 | 03/10/2026 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **5760** | 16.0 | 03/10/2026 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 03/10/2026 | ND | 195 | 97.7 | 200 | 3.07 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/10/2026 | ND | 202 | 101 | 200 | 4.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/10/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *90.7 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *88.9 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte



Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 03/09/2026 | Sampling Date: | 03/06/2026 |
| Reported: | 03/13/2026 | Sampling Type: | Soil |
| Project Name: | PLU 13 DTD EAST BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558836 SPILL | Sample Received By: | Tamara Oldaker |
| Project Location: | XTO 32.205854, -103.830370 | | |

### Sample ID: CS 08 SURFACE (H261328-10)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.11 | 105 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.02 | 101 | 2.00 | 1.08 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/10/2026 | ND | 1.93 | 96.6 | 2.00 | 2.01 | |
| Total Xylenes* | <0.150 | 0.150 | 03/10/2026 | ND | 5.91 | 98.6 | 6.00 | 2.15 | |
| Total BTEX | <0.300 | 0.300 | 03/10/2026 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **6400** | 16.0 | 03/10/2026 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 03/10/2026 | ND | 195 | 97.7 | 200 | 3.07 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/10/2026 | ND | 202 | 101 | 200 | 4.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/10/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *85.3 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *83.4 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte



Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 03/09/2026 | Sampling Date: | 03/06/2026 |
| Reported: | 03/13/2026 | Sampling Type: | Soil |
| Project Name: | PLU 13 DTD EAST BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558836 SPILL | Sample Received By: | Tamara Oldaker |
| Project Location: | XTO 32.205854, -103.830370 | | |

### Sample ID: CS 09 SURFACE (H261328-11)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.11 | 105 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.02 | 101 | 2.00 | 1.08 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/10/2026 | ND | 1.93 | 96.6 | 2.00 | 2.01 | |
| Total Xylenes* | <0.150 | 0.150 | 03/10/2026 | ND | 5.91 | 98.6 | 6.00 | 2.15 | |
| Total BTEX | <0.300 | 0.300 | 03/10/2026 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **6800** | 16.0 | 03/10/2026 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 03/10/2026 | ND | 195 | 97.7 | 200 | 3.07 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/10/2026 | ND | 202 | 101 | 200 | 4.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/10/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *84.6 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *83.2 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte



Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 03/09/2026 | Sampling Date: | 03/06/2026 |
| Reported: | 03/13/2026 | Sampling Type: | Soil |
| Project Name: | PLU 13 DTD EAST BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558836 SPILL | Sample Received By: | Tamara Oldaker |
| Project Location: | XTO 32.205854, -103.830370 | | |

### Sample ID: CS 10 SURFACE (H261328-12)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.11 | 105 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.02 | 101 | 2.00 | 1.08 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/10/2026 | ND | 1.93 | 96.6 | 2.00 | 2.01 | |
| Total Xylenes* | <0.150 | 0.150 | 03/10/2026 | ND | 5.91 | 98.6 | 6.00 | 2.15 | |
| Total BTEX | <0.300 | 0.300 | 03/10/2026 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **11800** | 16.0 | 03/10/2026 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 03/10/2026 | ND | 195 | 97.7 | 200 | 3.07 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/10/2026 | ND | 202 | 101 | 200 | 4.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/10/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *85.1 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *83.2 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte



Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 03/09/2026 | Sampling Date: | 03/06/2026 |
| Reported: | 03/13/2026 | Sampling Type: | Soil |
| Project Name: | PLU 13 DTD EAST BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558836 SPILL | Sample Received By: | Tamara Oldaker |
| Project Location: | XTO 32.205854, -103.830370 | | |

### Sample ID: CS 11 SURFACE (H261328-13)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.11 | 105 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.02 | 101 | 2.00 | 1.08 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/10/2026 | ND | 1.93 | 96.6 | 2.00 | 2.01 | |
| Total Xylenes* | <0.150 | 0.150 | 03/10/2026 | ND | 5.91 | 98.6 | 6.00 | 2.15 | |
| Total BTEX | <0.300 | 0.300 | 03/10/2026 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *107 %* *70.4-141*

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **5840** | 16.0 | 03/10/2026 | ND | 400 | 100 | 400 | 7.69 | QM-07 |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 03/10/2026 | ND | 195 | 97.7 | 200 | 3.07 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/10/2026 | ND | 202 | 101 | 200 | 4.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/10/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *87.9 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *84.9 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte



Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 03/09/2026 | Sampling Date: | 03/06/2026 |
| Reported: | 03/13/2026 | Sampling Type: | Soil |
| Project Name: | PLU 13 DTD EAST BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558836 SPILL | Sample Received By: | Tamara Oldaker |
| Project Location: | XTO 32.205854, -103.830370 | | |

### Sample ID: CS 12 SURFACE (H261328-14)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.11 | 105 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.02 | 101 | 2.00 | 1.08 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/10/2026 | ND | 1.93 | 96.6 | 2.00 | 2.01 | |
| Total Xylenes* | <0.150 | 0.150 | 03/10/2026 | ND | 5.91 | 98.6 | 6.00 | 2.15 | |
| Total BTEX | <0.300 | 0.300 | 03/10/2026 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **4880** | 16.0 | 03/10/2026 | ND | 400 | 100 | 400 | 7.69 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 03/10/2026 | ND | 195 | 97.7 | 200 | 3.07 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/10/2026 | ND | 202 | 101 | 200 | 4.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/10/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *87.6 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *85.1 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte



Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 03/09/2026 | Sampling Date: | 03/06/2026 |
| Reported: | 03/13/2026 | Sampling Type: | Soil |
| Project Name: | PLU 13 DTD EAST BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558836 SPILL | Sample Received By: | Tamara Oldaker |
| Project Location: | XTO 32.205854, -103.830370 | | |

### Sample ID: CS 13 SURFACE (H261328-15)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.11 | 105 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.02 | 101 | 2.00 | 1.08 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/10/2026 | ND | 1.93 | 96.6 | 2.00 | 2.01 | |
| Total Xylenes* | <0.150 | 0.150 | 03/10/2026 | ND | 5.91 | 98.6 | 6.00 | 2.15 | |
| Total BTEX | <0.300 | 0.300 | 03/10/2026 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **7520** | 16.0 | 03/10/2026 | ND | 400 | 100 | 400 | 7.69 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 03/10/2026 | ND | 195 | 97.7 | 200 | 3.07 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/10/2026 | ND | 202 | 101 | 200 | 4.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/10/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *89.6 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *88.2 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte



Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 03/09/2026 | Sampling Date: | 03/06/2026 |
| Reported: | 03/13/2026 | Sampling Type: | Soil |
| Project Name: | PLU 13 DTD EAST BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558836 SPILL | Sample Received By: | Tamara Oldaker |
| Project Location: | XTO 32.205854, -103.830370 | | |

### Sample ID: CS 14 SURFACE (H261328-16)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.11 | 105 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.02 | 101 | 2.00 | 1.08 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/10/2026 | ND | 1.93 | 96.6 | 2.00 | 2.01 | |
| Total Xylenes* | <0.150 | 0.150 | 03/10/2026 | ND | 5.91 | 98.6 | 6.00 | 2.15 | |
| Total BTEX | <0.300 | 0.300 | 03/10/2026 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **9440** | 16.0 | 03/10/2026 | ND | 400 | 100 | 400 | 7.69 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 03/10/2026 | ND | 195 | 97.7 | 200 | 3.07 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/10/2026 | ND | 202 | 101 | 200 | 4.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/10/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *88.8 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *87.0 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte



Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 03/09/2026 | Sampling Date: | 03/06/2026 |
| Reported: | 03/13/2026 | Sampling Type: | Soil |
| Project Name: | PLU 13 DTD EAST BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558836 SPILL | Sample Received By: | Tamara Oldaker |
| Project Location: | XTO 32.205854, -103.830370 | | |

### Sample ID: CS 15 SURFACE (H261328-17)

**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 | 03/10/2026 | ND | 2.11 | 105 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.02 | 101 | 2.00 | 1.08 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/10/2026 | ND | 1.93 | 96.6 | 2.00 | 2.01 | |
| Total Xylenes* | <0.150 | 0.150 | 03/10/2026 | ND | 5.91 | 98.6 | 6.00 | 2.15 | |
| Total BTEX | <0.300 | 0.300 | 03/10/2026 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **8880** | 16.0 | 03/10/2026 | ND | 400 | 100 | 400 | 7.69 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 03/10/2026 | ND | 195 | 97.7 | 200 | 3.07 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/10/2026 | ND | 202 | 101 | 200 | 4.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/10/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *87.1 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *83.8 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte



Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 03/09/2026 | Sampling Date: | 03/06/2026 |
| Reported: | 03/13/2026 | Sampling Type: | Soil |
| Project Name: | PLU 13 DTD EAST BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558836 SPILL | Sample Received By: | Tamara Oldaker |
| Project Location: | XTO 32.205854, -103.830370 | | |

### Sample ID: CS 16 SURFACE (H261328-18)

**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 | 03/10/2026 | ND | 2.11 | 105 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.02 | 101 | 2.00 | 1.08 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/10/2026 | ND | 1.93 | 96.6 | 2.00 | 2.01 | |
| Total Xylenes* | <0.150 | 0.150 | 03/10/2026 | ND | 5.91 | 98.6 | 6.00 | 2.15 | |
| Total BTEX | <0.300 | 0.300 | 03/10/2026 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *102 %* *70.4-141*

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **8160** | 16.0 | 03/10/2026 | ND | 400 | 100 | 400 | 7.69 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 03/10/2026 | ND | 195 | 97.7 | 200 | 3.07 | |
| **DRO >C10-C28*** | **1000** | 10.0 | 03/10/2026 | ND | 202 | 101 | 200 | 4.78 | |
| **EXT DRO >C28-C36** | **156** | 10.0 | 03/10/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *83.9 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *108 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte



Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 03/09/2026 | Sampling Date: | 03/06/2026 |
| Reported: | 03/13/2026 | Sampling Type: | Soil |
| Project Name: | PLU 13 DTD EAST BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558836 SPILL | Sample Received By: | Tamara Oldaker |
| Project Location: | XTO 32.205854, -103.830370 | | |

### Sample ID: CS 17 SURFACE (H261328-19)

**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 | 03/11/2026 | ND | 1.92 | 95.9 | 2.00 | 6.86 | |
| Toluene* | <0.050 | 0.050 | 03/11/2026 | ND | 2.00 | 100 | 2.00 | 8.83 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/11/2026 | ND | 2.21 | 110 | 2.00 | 7.97 | |
| Total Xylenes* | <0.150 | 0.150 | 03/11/2026 | ND | 6.32 | 105 | 6.00 | 10.6 | |
| Total BTEX | <0.300 | 0.300 | 03/11/2026 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **5760** | 16.0 | 03/10/2026 | ND | 400 | 100 | 400 | 7.69 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 03/10/2026 | ND | 195 | 97.7 | 200 | 3.07 | |
| **DRO >C10-C28*** | **1230** | 10.0 | 03/10/2026 | ND | 202 | 101 | 200 | 4.78 | |
| **EXT DRO >C28-C36** | **213** | 10.0 | 03/10/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *88.3 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *121 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte



Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 03/09/2026 | Sampling Date: | 03/06/2026 |
| Reported: | 03/13/2026 | Sampling Type: | Soil |
| Project Name: | PLU 13 DTD EAST BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558836 SPILL | Sample Received By: | Tamara Oldaker |
| Project Location: | XTO 32.205854, -103.830370 | | |

### Sample ID: SS 04 SURFACE (H261328-20)

**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 | 03/10/2026 | ND | 1.92 | 95.9 | 2.00 | 6.86 | |
| Toluene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.00 | 100 | 2.00 | 8.83 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.21 | 110 | 2.00 | 7.97 | |
| Total Xylenes* | <0.150 | 0.150 | 03/10/2026 | ND | 6.32 | 105 | 6.00 | 10.6 | |
| Total BTEX | <0.300 | 0.300 | 03/10/2026 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **144** | 16.0 | 03/10/2026 | ND | 400 | 100 | 400 | 7.69 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 03/10/2026 | ND | 195 | 97.7 | 200 | 3.07 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/10/2026 | ND | 202 | 101 | 200 | 4.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/10/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *87.6 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *85.9 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte



Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 03/09/2026 | Sampling Date: | 03/06/2026 |
| Reported: | 03/13/2026 | Sampling Type: | Soil |
| Project Name: | PLU 13 DTD EAST BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558836 SPILL | Sample Received By: | Tamara Oldaker |
| Project Location: | XTO 32.205854, -103.830370 | | |

### Sample ID: SS 07 SURFACE (H261328-21)

**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 | 03/10/2026 | ND | 1.92 | 95.9 | 2.00 | 6.86 | |
| Toluene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.00 | 100 | 2.00 | 8.83 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.21 | 110 | 2.00 | 7.97 | |
| Total Xylenes* | <0.150 | 0.150 | 03/10/2026 | ND | 6.32 | 105 | 6.00 | 10.6 | |
| Total BTEX | <0.300 | 0.300 | 03/10/2026 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **256** | 16.0 | 03/10/2026 | ND | 400 | 100 | 400 | 7.69 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 03/11/2026 | ND | 217 | 108 | 200 | 0.539 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/11/2026 | ND | 204 | 102 | 200 | 0.173 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/11/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *74.6 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *75.9 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte



Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 03/09/2026 | Sampling Date: | 03/06/2026 |
| Reported: | 03/13/2026 | Sampling Type: | Soil |
| Project Name: | PLU 13 DTD EAST BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 03C1558836 SPILL | Sample Received By: | Tamara Oldaker |
| Project Location: | XTO 32.205854, -103.830370 | | |

### Sample ID: SS 10 SURFACE (H261328-22)

**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 | 03/10/2026 | ND | 1.92 | 95.9 | 2.00 | 6.86 | |
| Toluene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.00 | 100 | 2.00 | 8.83 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/10/2026 | ND | 2.21 | 110 | 2.00 | 7.97 | |
| Total Xylenes* | <0.150 | 0.150 | 03/10/2026 | ND | 6.32 | 105 | 6.00 | 10.6 | |
| Total BTEX | <0.300 | 0.300 | 03/10/2026 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *107 %* *70.4-141*

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **80.0** | 16.0 | 03/10/2026 | ND | 400 | 100 | 400 | 7.69 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 03/11/2026 | ND | 217 | 108 | 200 | 0.539 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/11/2026 | ND | 204 | 102 | 200 | 0.173 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/11/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *73.1 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *74.5 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte



Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte



Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 3

| | |
|---|---|
| Company Name: Ensolum, LLC | **BILL TO** |
| Project Manager: Tracy Hillard | P.O. #: |
| Address: 3122 National Parks Hwy | Company: XTO Energy Inc |
| City: Carlsbad State: NM Zip: 88220 | Attn: Dale Woodall |
| Phone #: 575 937 3906 Fax #: | Address: 3104 E Green St |
| Project #: 03C1558836 Project Owner: XTO | City: Carlsbad |
| Project Name: PLU 13 DTD East Battery - Spill | State: NM Zip: 88220 |
| Project Location: 32.205854, -103.830370 | Phone #: |
| Sampler Name: Joshua Boxley | Fax #: |

FOR LAB USE ONLY

| Lab I.D. | Sample I.D. | Depth (feet) | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | PRESERV.: ACID/BASE: | ICE / COOL | OTHER : | SAMPLING: DATE | TIME | Chlorides | TPH | BTEX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H261328 | | | | | | | | | | | | | | | | | | |
| 1 | SS02A | 4 | G | 1 | | | X | | | | | X | | 3.6.26 | 1054 | X | X | X |
| 2 | SS03A | 1 | G | | | | | | | | | | | | 1110 | | | |
| 3 | CS01 | Surface | C | | | | | | | | | | | | 1256 | | | |
| 4 | CS02 | | | | | | | | | | | | | | 1300 | | | |
| 5 | CS03 | | | | | | | | | | | | | | 1306 | | | |
| 6 | CS04 | | | | | | | | | | | | | | 1310 | | | |
| 7 | CS05 | | | | | | | | | | | | | | 1314 | | | |
| 8 | CS06 | | | | | | | | | | | | | | 1318 | | | |
| 9 | CS07 | | | | | | | | | | | | | | 1508 | | | |
| 10 | CS08 | Surface | C | 1 | | | X | | | | | X | | 3.6.26 | 1511 | X | X | X |

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CS Duplicate - PM

| | | | |
|---|---|---|---|
| Relinquished By: | Date: 3-9-26 Time: 1200 | Received By: Tamara Oldaker | Verbal Result: ☐ Yes ☐ No Add'l Phone #: |
| Relinquished By: | Date: Time: | Received By: | All Results are emailed. Please provide Email address: THillard; cjames@ensolum.com, TMorrissey@ensolum.com, KThomason@ensolum.com jboxley@ensolum.com |

REMARKS: Incident: nAPP2605137503 fAPP2126355488
Cost Center: 219172 1001

| | | | | |
|---|---|---|---|---|
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | Observed Temp. °C 0.8 Corrected Temp. °C 0.9 | Sample Condition Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No | CHECKED BY: (Initials) | Turnaround Time: 5 day Standard ☒ Rush ☐ Thermometer ID: #140 Correction Factor: +0.1c |

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

FORM-006 R 3.2 10/07/21

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

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 3

| | |
|---|---|
| Company Name: Ensolum, LLC | **BILL TO** |
| Project Manager: Tracy Hillard | P.O. #: |
| Address: 3122 National Parks Hwy | Company: XTO Energy Inc |
| City: Carlsbad State: NM Zip: 88220 | Attn: Dale Woodall |
| Phone #: 575 937 3906 Fax #: | Address: 3104 E Green St |
| Project #: 03C1558836 Project Owner: XTO | City: Carlsbad |
| Project Name: PLU 13 DTD East Battery - Spill | State: NM Zip: 88220 |
| Project Location: 32.205854, -103.830370 | Phone #: |
| Sampler Name: Joshua Boxley | Fax #: |

FOR LAB USE ONLY

| Lab I.D. | Sample I.D. | Depth (feet) | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | PRESERV.: ACID/BASE: | ICE / COOL | OTHER : | SAMPLING: DATE | TIME | Chlorides | TPH | BTEX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H261328 | | | | | | | | | | | | | | | | | | |
| 11 | CS09 | Surface | C | 1 | | | X | | | | | X | | 3.6.26 | 1251 | X | X | X |
| 12 | CS10 | | | | | | | | | | | | | | 1220 | | | |
| 13 | CS11 | | | | | | | | | | | | | | 1248 | | | |
| 14 | CS12 | | | | | | | | | | | | | | 1244 | | | |
| 15 | CS13 | | | | | | | | | | | | | | 1230 | | | |
| 16 | CS14 | | | | | | | | | | | | | | 1234 | | | |
| 17 | CS15 | | | | | | | | | | | | | | 1221 | | | |
| 18 | CS16 | | | | | | | | | | | | | | 1503 | | | |
| 19 | CS17 | Surface | C | 1 | | | X | | | | | X | | 3.6.26 | 1435 | X | X | X |

JDB



| | | | |
|---|---|---|---|
| Relinquished By: | Date: 3-9-26 | Received By: | Verbal Result: ☐ Yes ☐ No Add'l Phone #: |
| | Time: 1200 | | All Results are emailed. Please provide Email address: |
| Relinquished By: | Date: | Received By: | TH:llard; cjames@ensolum.com, TMorrissey@ensolum.com, KThomason@ensolum.com |
| | Time: | | jboxley@ensolum.com |

REMARKS: Incident: nAPP2605137503 fAPP2126355488
Cost Center: 219172 1001

| | | | | |
|---|---|---|---|---|
| Delivered By: (Circle One) | Observed Temp. °C 0.8 | Sample Condition: Cool ☑ Yes ☐ No; Intact ☑ Yes ☐ No | CHECKED BY: (Initials) | Turnaround Time: 5 day; Standard ☒; Rush ☐ |
| Sampler - UPS - Bus - Other: | Corrected Temp. °C 0.9 | | | Thermometer ID: #140; Correction Factor: +0.1c |

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

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

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3 of 3

| | |
|---|---|
| Company Name: Ensolum, LLC | **BILL TO** |
| Project Manager: Tracy Hillard | P.O. #: |
| Address: 3122 National Parks Hwy | Company: XTO Energy Inc |
| City: Carlsbad State: NM Zip: 88220 | Attn: Dale Woodall |
| Phone #: 575 937 3906 Fax #: | Address: 3104 E Green St |
| Project #: 03C1558836 Project Owner: XTO | City: Carlsbad |
| Project Name: PLU 13 DTD East Battery - Spill | State: NM Zip: 88220 |
| Project Location: 32.205854, -103.830370 | Phone #: |
| Sampler Name: Joshua Boxley | Fax #: |

FOR LAB USE ONLY

| Lab I.D. | Sample I.D. | Depth (feet) | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | PRESERV.: ACID/BASE: | ICE / COOL | OTHER : | SAMPLING: DATE | TIME | Chlorides | TPH | BTEX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H261328 | | | | | | | | | | | | | | | | | | |
| 20 | SS04 | Surface | G | 1 | | | X | | | | | X | | 3.6.26 | 1458 | X | X | X |
| 21 | SS07 | Surface | G | 1 | | | X | | | | | X | | 3.6.26 | 1447 | X | X | X |
| 22 | SS10 | Surface | G | 1 | | | X | | | | | X | | 3.6.26 | 1454 | X | X | X |

DIS

**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: | Date: 3-9-26 | Received By: | Verbal Result: ☐ Yes ☐ No Add'l Phone #: |
| | Time: 1200 | | All Results are emailed. Please provide Email address: |
| Relinquished By: | Date: | Received By: | THillard; cjames@ensolum.com, TMorrissey@ensolum.com, KThomason@ensolum.com |
| | Time: | | jboxley@ensolum.com |
| | | | REMARKS: Incident: nAPP2605137503 fAPP2126355488 |
| | | | Cost Center: 219172 1001 |

| | | | | | |
|---|---|---|---|---|---|
| Delivered By: (Circle One) | Observed Temp. °C 0.8 | Sample Condition: Cool ☑ Yes ☐ No; Intact ☑ Yes ☐ No | CHECKED BY: (Initials) | Turnaround Time: 5 day; Standard ☒; Rush ☐ | Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No |
| Sampler - UPS - Bus - Other: | Corrected Temp. °C 0.9 | | | Thermometer ID: #140 Correction Factor: +0.1c | Observed Temp. °C Corrected Temp. °C |

FORM-006 R 3.2 10/07/21

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

eurofins | Environment Testing



# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 3/9/2026 3:13:26 PM

## JOB DESCRIPTION

PLU 13 DTD EAST BATTERY - SPILL
03C1558836

## JOB NUMBER

890-9569-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

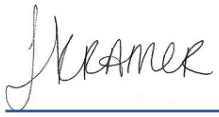
# Eurofins Carlsbad

## 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
3/9/2026 3:13:26 PM

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

Client: Ensolum
Project/Site: PLU 13 DTD EAST BATTERY - SPILL

Laboratory Job ID: 890-9569-1
SDG: 03C1558836

# Table of Contents

# Definitions/Glossary

Client: Ensolum Job ID: 890-9569-1
Project/Site: PLU 13 DTD EAST BATTERY - SPILL SDG: 03C1558836

## Qualifiers

### GC VOA

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

### GC Semi VOA

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

### HPLC/IC

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

## Glossary

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

# Case Narrative

Client: Ensolum Job ID: 890-9569-1
Project: PLU 13 DTD EAST BATTERY - SPILL

## Job ID: 890-9569-1 Eurofins Carlsbad

**Job Narrative**
**890-9569-1**

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

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

**Receipt**
The samples were received on 2/27/2026 4:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.8°C.

**Receipt Exceptions**
The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-9569-1), SS 02 (890-9569-2), SS 03 (890-9569-3), SS 05 (890-9569-4), SS 06 (890-9569-5), SS 08 (890-9569-6) and SS 09 (890-9569-7).

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

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

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

# Client Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD EAST BATTERY - SPILL

Job ID: 890-9569-1
SDG: 03C1558836

## Client Sample ID: SS 01

**Lab Sample ID: 890-9569-1**
**Matrix: Solid**
**Date Collected: 02/27/26 11:40**
**Date Received: 02/27/26 16:20**
**Sample Depth: SURFACE**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 03:32 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 03:32 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 03:32 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 03:32 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 03:32 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 03:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *113* | | *70 - 130* | *03/04/26 13:46* | *03/07/26 03:32* | *1* |
| *1,4-Difluorobenzene (Surr)* | *117* | | *70 - 130* | *03/04/26 13:46* | *03/07/26 03:32* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 03/07/26 03:32 | 1 |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/06/26 13:31 | 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 | | 03/03/26 17:36 | 03/06/26 13:31 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/03/26 17:36 | 03/06/26 13:31 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/03/26 17:36 | 03/06/26 13:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *102* | | *70 - 130* | *03/03/26 17:36* | *03/06/26 13:31* | *1* |
| *o-Terphenyl* | *113* | | *70 - 130* | *03/03/26 17:36* | *03/06/26 13:31* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **13.1** | | 10.0 | | mg/Kg | | | 03/04/26 12:11 | 1 |

## Client Sample ID: SS 02

**Lab Sample ID: 890-9569-2**
**Matrix: Solid**
**Date Collected: 02/27/26 11:37**
**Date Received: 02/27/26 16:20**
**Sample Depth: SURFACE**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 03:53 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 03:53 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 03:53 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 03:53 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 03:53 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 03:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *106* | | *70 - 130* | *03/04/26 13:46* | *03/07/26 03:53* | *1* |

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# Client Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD EAST BATTERY - SPILL

Job ID: 890-9569-1
SDG: 03C1558836

## Client Sample ID: SS 02

**Date Collected: 02/27/26 11:37**
**Date Received: 02/27/26 16:20**
**Sample Depth: SURFACE**

**Lab Sample ID: 890-9569-2**
**Matrix: Solid**

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

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *1,4-Difluorobenzene (Surr)* | *111* | | *70 - 130* | *03/04/26 13:46* | *03/07/26 03:53* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | mg/Kg | | | 03/07/26 03:53 | 1 |

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | mg/Kg | | | 03/06/26 14:16 | 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 | <50.1 | U | 50.1 | mg/Kg | | 03/03/26 17:36 | 03/06/26 14:16 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | mg/Kg | | 03/03/26 17:36 | 03/06/26 14:16 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | mg/Kg | | 03/03/26 17:36 | 03/06/26 14:16 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *115* | | *70 - 130* | *03/03/26 17:36* | *03/06/26 14:16* | *1* |
| *o-Terphenyl* | *128* | | *70 - 130* | *03/03/26 17:36* | *03/06/26 14:16* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| **Chloride** | **14400** | | 198 | mg/Kg | | | 03/04/26 12:31 | 20 |

## Client Sample ID: SS 03

**Date Collected: 02/27/26 11:26**
**Date Received: 02/27/26 16:20**
**Sample Depth: SURFACE**

**Lab Sample ID: 890-9569-3**
**Matrix: Solid**

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | mg/Kg | | 03/04/26 13:46 | 03/07/26 04:14 | 1 |
| Toluene | <0.00201 | U | 0.00201 | mg/Kg | | 03/04/26 13:46 | 03/07/26 04:14 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | mg/Kg | | 03/04/26 13:46 | 03/07/26 04:14 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | mg/Kg | | 03/04/26 13:46 | 03/07/26 04:14 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | mg/Kg | | 03/04/26 13:46 | 03/07/26 04:14 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | mg/Kg | | 03/04/26 13:46 | 03/07/26 04:14 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *109* | | *70 - 130* | *03/04/26 13:46* | *03/07/26 04:14* | *1* |
| *1,4-Difluorobenzene (Surr)* | *116* | | *70 - 130* | *03/04/26 13:46* | *03/07/26 04:14* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | mg/Kg | | | 03/07/26 04:14 | 1 |

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | mg/Kg | | | 03/06/26 14:32 | 1 |

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# Client Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD EAST BATTERY - SPILL

Job ID: 890-9569-1
SDG: 03C1558836

## Client Sample ID: SS 03

**Lab Sample ID: 890-9569-3**
**Matrix: Solid**
**Date Collected: 02/27/26 11:26**
**Date Received: 02/27/26 16:20**
**Sample Depth: SURFACE**

### 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 | | 03/03/26 17:36 | 03/06/26 14:32 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/03/26 17:36 | 03/06/26 14:32 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/03/26 17:36 | 03/06/26 14:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *112* | | *70 - 130* | *03/03/26 17:36* | *03/06/26 14:32* | *1* |
| *o-Terphenyl* | *125* | | *70 - 130* | *03/03/26 17:36* | *03/06/26 14:32* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **11500** | | 202 | | mg/Kg | | | 03/04/26 12:38 | 20 |

## Client Sample ID: SS 05

**Lab Sample ID: 890-9569-4**
**Matrix: Solid**
**Date Collected: 02/27/26 11:21**
**Date Received: 02/27/26 16:20**
**Sample Depth: SURFACE**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 04:34 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 04:34 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 04:34 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 04:34 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 04:34 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 04:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *109* | | *70 - 130* | *03/04/26 13:46* | *03/07/26 04:34* | *1* |
| *1,4-Difluorobenzene (Surr)* | *113* | | *70 - 130* | *03/04/26 13:46* | *03/07/26 04:34* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 03/07/26 04:34 | 1 |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 03/06/26 14:47 | 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 | <49.8 | U | 49.8 | | mg/Kg | | 03/03/26 17:36 | 03/06/26 14:47 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/03/26 17:36 | 03/06/26 14:47 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/03/26 17:36 | 03/06/26 14:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *104* | | *70 - 130* | *03/03/26 17:36* | *03/06/26 14:47* | *1* |
| *o-Terphenyl* | *111* | | *70 - 130* | *03/03/26 17:36* | *03/06/26 14:47* | *1* |

# Client Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD EAST BATTERY - SPILL

Job ID: 890-9569-1
SDG: 03C1558836

## Client Sample ID: SS 05

**Lab Sample ID: 890-9569-4**
**Matrix: Solid**
**Date Collected: 02/27/26 11:21**
**Date Received: 02/27/26 16:20**
**Sample Depth: SURFACE**

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 360 | | 9.94 | | mg/Kg | | | 03/04/26 12:58 | 1 |

## Client Sample ID: SS 06

**Lab Sample ID: 890-9569-5**
**Matrix: Solid**
**Date Collected: 02/27/26 11:51**
**Date Received: 02/27/26 16:20**
**Sample Depth: SURFACE**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 04:55 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 04:55 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 04:55 | 1 |
| m-Xylene & p-Xylene | <0.00404 | U | 0.00404 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 04:55 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 04:55 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 04:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *109* | | *70 - 130* | *03/04/26 13:46* | *03/07/26 04:55* | *1* |
| *1,4-Difluorobenzene (Surr)* | *117* | | *70 - 130* | *03/04/26 13:46* | *03/07/26 04:55* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 03/07/26 04:55 | 1 |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/06/26 15:02 | 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 | <50.0 | U | 50.0 | | mg/Kg | | 03/03/26 17:36 | 03/06/26 15:02 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/03/26 17:36 | 03/06/26 15:02 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/03/26 17:36 | 03/06/26 15:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *104* | | *70 - 130* | *03/03/26 17:36* | *03/06/26 15:02* | *1* |
| *o-Terphenyl* | *113* | | *70 - 130* | *03/03/26 17:36* | *03/06/26 15:02* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <9.98 | U | 9.98 | | mg/Kg | | | 03/04/26 13:04 | 1 |

# Client Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD EAST BATTERY - SPILL

Job ID: 890-9569-1
SDG: 03C1558836

## Client Sample ID: SS 08

**Lab Sample ID: 890-9569-6**
**Matrix: Solid**
**Date Collected: 02/27/26 11:20**
**Date Received: 02/27/26 16:20**
**Sample Depth: SURFACE**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 05:15 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 05:15 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 05:15 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 05:15 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 05:15 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/04/26 13:46 | 03/07/26 05:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* | *03/04/26 13:46* | *03/07/26 05:15* | *1* |
| *1,4-Difluorobenzene (Surr)* | *114* | | *70 - 130* | *03/04/26 13:46* | *03/07/26 05:15* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 03/07/26 05:15 | 1 |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 03/06/26 15:17 | 1 |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 03/03/26 17:36 | 03/06/26 15:17 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/03/26 17:36 | 03/06/26 15:17 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/03/26 17:36 | 03/06/26 15:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *101* | | *70 - 130* | *03/03/26 17:36* | *03/06/26 15:17* | *1* |
| *o-Terphenyl* | *109* | | *70 - 130* | *03/03/26 17:36* | *03/06/26 15:17* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **117** | | 10.0 | | mg/Kg | | | 03/04/26 13:11 | 1 |

## Client Sample ID: SS 09

**Lab Sample ID: 890-9569-7**
**Matrix: Solid**
**Date Collected: 02/27/26 11:32**
**Date Received: 02/27/26 16:20**
**Sample Depth: SURFACE**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/06/26 09:07 | 03/06/26 18:54 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/06/26 09:07 | 03/06/26 18:54 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/06/26 09:07 | 03/06/26 18:54 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 03/06/26 09:07 | 03/06/26 18:54 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/06/26 09:07 | 03/06/26 18:54 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 03/06/26 09:07 | 03/06/26 18:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *70 - 130* | *03/06/26 09:07* | *03/06/26 18:54* | *1* |

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# Client Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD EAST BATTERY - SPILL

Job ID: 890-9569-1
SDG: 03C1558836

**Client Sample ID: SS 09**
**Date Collected: 02/27/26 11:32**
**Date Received: 02/27/26 16:20**
**Sample Depth: SURFACE**

**Lab Sample ID: 890-9569-7**
**Matrix: Solid**

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

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *03/06/26 09:07* | *03/06/26 18:54* | *1* |

## Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 03/06/26 18:54 | 1 |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 03/06/26 15:32 | 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 | | 03/03/26 17:36 | 03/06/26 15:32 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/03/26 17:36 | 03/06/26 15:32 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/03/26 17:36 | 03/06/26 15:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *101* | | *70 - 130* | *03/03/26 17:36* | *03/06/26 15:32* | *1* |
| *o-Terphenyl* | *113* | | *70 - 130* | *03/03/26 17:36* | *03/06/26 15:32* | *1* |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 03/04/26 13:18 | 1 |

# Surrogate Summary

Client: Ensolum

Project/Site: PLU 13 DTD EAST BATTERY - SPILL

Job ID: 890-9569-1

SDG: 03C1558836

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

**Matrix: Solid**

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| | | BFB1 | DFBZ1 |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) |
| 880-68931-A-21-C MS | Matrix Spike | 110 | 119 |
| 880-68931-A-21-D MSD | Matrix Spike Duplicate | 108 | 112 |
| 880-69226-A-1-G MS | Matrix Spike | 94 | 100 |
| 880-69226-A-1-H MSD | Matrix Spike Duplicate | 98 | 100 |
| 890-9569-1 | SS 01 | 113 | 117 |
| 890-9569-2 | SS 02 | 106 | 111 |
| 890-9569-3 | SS 03 | 109 | 116 |
| 890-9569-4 | SS 05 | 109 | 113 |
| 890-9569-5 | SS 06 | 109 | 117 |
| 890-9569-6 | SS 08 | 100 | 114 |
| 890-9569-7 | SS 09 | 95 | 98 |
| LCS 880-133841/1-A | Lab Control Sample | 109 | 114 |
| LCS 880-134039/1-A | Lab Control Sample | 97 | 98 |
| LCSD 880-133841/2-A | Lab Control Sample Dup | 104 | 108 |
| LCSD 880-134039/2-A | Lab Control Sample Dup | 96 | 99 |
| MB 880-133841/5-A | Method Blank | 104 | 110 |
| MB 880-133967/5-A | Method Blank | 102 | 106 |
| MB 880-134039/5-A | Method Blank | 100 | 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**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| | | 1CO1 | OTPH1 |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) |
| 890-9569-1 | SS 01 | 102 | 113 |
| 890-9569-1 MS | SS 01 | 96 | 113 |
| 890-9569-1 MSD | SS 01 | 118 | 108 |
| 890-9569-2 | SS 02 | 115 | 128 |
| 890-9569-3 | SS 03 | 112 | 125 |
| 890-9569-4 | SS 05 | 104 | 111 |
| 890-9569-5 | SS 06 | 104 | 113 |
| 890-9569-6 | SS 08 | 101 | 109 |
| 890-9569-7 | SS 09 | 101 | 113 |
| LCS 880-133719/2-A | Lab Control Sample | 99 | 111 |
| LCSD 880-133719/3-A | Lab Control Sample Dup | 123 | 106 |
| MB 880-133719/1-A | Method Blank | 107 | 105 |

**Surrogate Legend**

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

# QC Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD EAST BATTERY - SPILL

Job ID: 890-9569-1
SDG: 03C1558836

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

**Lab Sample ID: MB 880-133841/5-A**
**Matrix: Solid**
**Analysis Batch: 134033**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 133841**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/04/26 13:46 | 03/06/26 21:19 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/04/26 13:46 | 03/06/26 21:19 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/04/26 13:46 | 03/06/26 21:19 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 03/04/26 13:46 | 03/06/26 21:19 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/04/26 13:46 | 03/06/26 21:19 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/04/26 13:46 | 03/06/26 21:19 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *104* | | *70 - 130* | *03/04/26 13:46* | *03/06/26 21:19* | *1* |
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* | *03/04/26 13:46* | *03/06/26 21:19* | *1* |

**Lab Sample ID: LCS 880-133841/1-A**
**Matrix: Solid**
**Analysis Batch: 134033**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 133841**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1082 | | mg/Kg | | 108 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.1003 | | mg/Kg | | 100 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.1071 | | mg/Kg | | 107 | 70 - 130 | | |
| m-Xylene & p-Xylene | | | 0.200 | 0.2085 | | mg/Kg | | 104 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1016 | | mg/Kg | | 102 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *109* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *114* | | *70 - 130* |

**Lab Sample ID: LCSD 880-133841/2-A**
**Matrix: Solid**
**Analysis Batch: 134033**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 133841**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1051 | | mg/Kg | | 105 | 70 - 130 | 3 | 35 |
| Toluene | | | 0.100 | 0.09687 | | mg/Kg | | 97 | 70 - 130 | 3 | 35 |
| Ethylbenzene | | | 0.100 | 0.1044 | | mg/Kg | | 104 | 70 - 130 | 3 | 35 |
| m-Xylene & p-Xylene | | | 0.200 | 0.2013 | | mg/Kg | | 101 | 70 - 130 | 4 | 35 |
| o-Xylene | | | 0.100 | 0.09774 | | mg/Kg | | 98 | 70 - 130 | 4 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *104* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *108* | | *70 - 130* |

**Lab Sample ID: 880-68931-A-21-C MS**
**Matrix: Solid**
**Analysis Batch: 134033**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 133841**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.09423 | | mg/Kg | | 94 | 70 - 130 | | |
| Toluene | <0.00200 | U | 0.100 | 0.08316 | | mg/Kg | | 83 | 70 - 130 | | |

# QC Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD EAST BATTERY - SPILL

Job ID: 890-9569-1
SDG: 03C1558836

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

**Lab Sample ID: 880-68931-A-21-C MS** — **Client Sample ID: Matrix Spike**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 134033** — **Prep Batch: 133841**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | <0.00200 | U | 0.100 | 0.08975 | | mg/Kg | | 90 | 70 - 130 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.200 | 0.1733 | | mg/Kg | | 87 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.100 | 0.08525 | | mg/Kg | | 85 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *110* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *119* | | *70 - 130* |

**Lab Sample ID: 880-68931-A-21-D MSD** — **Client Sample ID: Matrix Spike Duplicate**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 134033** — **Prep Batch: 133841**

| 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 | 0.08824 | | mg/Kg | | 88 | 70 - 130 | 7 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.07897 | | mg/Kg | | 79 | 70 - 130 | 5 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.08426 | | mg/Kg | | 84 | 70 - 130 | 6 | 35 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.200 | 0.1649 | | mg/Kg | | 82 | 70 - 130 | 5 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.07936 | | mg/Kg | | 79 | 70 - 130 | 7 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *108* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *112* | | *70 - 130* |

**Lab Sample ID: MB 880-133967/5-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 134033** — **Prep Batch: 133967**

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 03/05/26 14:18 | 03/06/26 10:39 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 03/05/26 14:18 | 03/06/26 10:39 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 03/05/26 14:18 | 03/06/26 10:39 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | mg/Kg | | 03/05/26 14:18 | 03/06/26 10:39 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | mg/Kg | | 03/05/26 14:18 | 03/06/26 10:39 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | mg/Kg | | 03/05/26 14:18 | 03/06/26 10:39 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* | *03/05/26 14:18* | *03/06/26 10:39* | *1* |
| *1,4-Difluorobenzene (Surr)* | *106* | | *70 - 130* | *03/05/26 14:18* | *03/06/26 10:39* | *1* |

**Lab Sample ID: MB 880-134039/5-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 134031** — **Prep Batch: 134039**

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 03/06/26 09:07 | 03/06/26 11:51 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 03/06/26 09:07 | 03/06/26 11:51 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 03/06/26 09:07 | 03/06/26 11:51 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | mg/Kg | | 03/06/26 09:07 | 03/06/26 11:51 | 1 |

# QC Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD EAST BATTERY - SPILL

Job ID: 890-9569-1
SDG: 03C1558836

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

**Lab Sample ID: MB 880-134039/5-A**
**Matrix: Solid**
**Analysis Batch: 134031**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 134039**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/06/26 09:07 | 03/06/26 11:51 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/06/26 09:07 | 03/06/26 11:51 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* | *03/06/26 09:07* | *03/06/26 11:51* | *1* |
| *1,4-Difluorobenzene (Surr)* | *94* | | *70 - 130* | *03/06/26 09:07* | *03/06/26 11:51* | *1* |

**Lab Sample ID: LCS 880-134039/1-A**
**Matrix: Solid**
**Analysis Batch: 134031**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 134039**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.07825 | | mg/Kg | | 78 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.08230 | | mg/Kg | | 82 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.08810 | | mg/Kg | | 88 | 70 - 130 | | |
| m-Xylene & p-Xylene | | | 0.200 | 0.1552 | | mg/Kg | | 78 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.07410 | | mg/Kg | | 74 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* |

**Lab Sample ID: LCSD 880-134039/2-A**
**Matrix: Solid**
**Analysis Batch: 134031**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 134039**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.08730 | | mg/Kg | | 87 | 70 - 130 | 11 | 35 |
| Toluene | | | 0.100 | 0.09175 | | mg/Kg | | 92 | 70 - 130 | 11 | 35 |
| Ethylbenzene | | | 0.100 | 0.08098 | | mg/Kg | | 81 | 70 - 130 | 8 | 35 |
| m-Xylene & p-Xylene | | | 0.200 | 0.1641 | | mg/Kg | | 82 | 70 - 130 | 6 | 35 |
| o-Xylene | | | 0.100 | 0.08142 | | mg/Kg | | 81 | 70 - 130 | 9 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* |

**Lab Sample ID: 880-69226-A-1-G MS**
**Matrix: Solid**
**Analysis Batch: 134031**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 134039**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.08588 | | mg/Kg | | 86 | 70 - 130 | | |
| Toluene | <0.00200 | U | 0.100 | 0.08710 | | mg/Kg | | 87 | 70 - 130 | | |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.07630 | | mg/Kg | | 76 | 70 - 130 | | |
| m-Xylene & p-Xylene | <0.00399 | U | 0.200 | 0.1534 | | mg/Kg | | 77 | 70 - 130 | | |
| o-Xylene | <0.00200 | U | 0.100 | 0.07550 | | mg/Kg | | 76 | 70 - 130 | | |

# QC Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD EAST BATTERY - SPILL

Job ID: 890-9569-1
SDG: 03C1558836

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

**Lab Sample ID: 880-69226-A-1-G MS**
**Matrix: Solid**
**Analysis Batch: 134031**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 134039**

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* |

**Lab Sample ID: 880-69226-A-1-H MSD**
**Matrix: Solid**
**Analysis Batch: 134031**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 134039**

| 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 | 0.08776 | | mg/Kg | | 88 | 70 - 130 | 2 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.09103 | | mg/Kg | | 91 | 70 - 130 | 4 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.08110 | | mg/Kg | | 81 | 70 - 130 | 6 | 35 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.200 | 0.1644 | | mg/Kg | | 82 | 70 - 130 | 7 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.08038 | | mg/Kg | | 80 | 70 - 130 | 6 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* |

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

**Lab Sample ID: MB 880-133719/1-A**
**Matrix: Solid**
**Analysis Batch: 134067**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 133719**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 03/03/26 17:36 | 03/06/26 11:40 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/03/26 17:36 | 03/06/26 11:40 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/03/26 17:36 | 03/06/26 11:40 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *107* | | *70 - 130* | *03/03/26 17:36* | *03/06/26 11:40* | *1* |
| *o-Terphenyl* | *105* | | *70 - 130* | *03/03/26 17:36* | *03/06/26 11:40* | *1* |

**Lab Sample ID: LCS 880-133719/2-A**
**Matrix: Solid**
**Analysis Batch: 134067**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 133719**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1122 | | mg/Kg | | 112 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 991.3 | | mg/Kg | | 99 | 70 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| *1-Chlorooctane* | *99* | | *70 - 130* |
| *o-Terphenyl* | *111* | | *70 - 130* |

# QC Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD EAST BATTERY - SPILL

Job ID: 890-9569-1
SDG: 03C1558836

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

**Lab Sample ID: LCSD 880-133719/3-A**
**Matrix: Solid**
**Analysis Batch: 134067**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 133719**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1044 | | mg/Kg | | 104 | 70 - 130 | 7 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 887.3 | | mg/Kg | | 89 | 70 - 130 | 11 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane* | *123* | | *70 - 130* |
| *o-Terphenyl* | *106* | | *70 - 130* |

**Lab Sample ID: 890-9569-1 MS**
**Matrix: Solid**
**Analysis Batch: 134067**

**Client Sample ID: SS 01**
**Prep Type: Total/NA**
**Prep Batch: 133719**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 1000 | 870.1 | | mg/Kg | | 87 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 1000 | 791.2 | | mg/Kg | | 79 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane* | *96* | | *70 - 130* |
| *o-Terphenyl* | *113* | | *70 - 130* |

**Lab Sample ID: 890-9569-1 MSD**
**Matrix: Solid**
**Analysis Batch: 134067**

**Client Sample ID: SS 01**
**Prep Type: Total/NA**
**Prep Batch: 133719**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 1000 | 823.1 | | mg/Kg | | 82 | 70 - 130 | 6 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 1000 | 730.6 | | mg/Kg | | 73 | 70 - 130 | 8 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane* | *118* | | *70 - 130* |
| *o-Terphenyl* | *108* | | *70 - 130* |

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-133628/1-A**
**Matrix: Solid**
**Analysis Batch: 133789**

**Client Sample ID: Method Blank**
**Prep Type: Soluble**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 03/04/26 10:18 | 1 |

# QC Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD EAST BATTERY - SPILL

Job ID: 890-9569-1
SDG: 03C1558836

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: LCS 880-133628/2-A**
**Matrix: Solid**
**Analysis Batch: 133789**

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

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 233.8 | | mg/Kg | | 94 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-133628/3-A**
**Matrix: Solid**
**Analysis Batch: 133789**

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

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 231.9 | | mg/Kg | | 93 | 90 - 110 | 1 | 20 |

**Lab Sample ID: 890-9569-1 MS**
**Matrix: Solid**
**Analysis Batch: 133789**

**Client Sample ID: SS 01**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 13.1 | | 250 | 252.1 | | mg/Kg | | 96 | 90 - 110 | | |

**Lab Sample ID: 890-9569-1 MSD**
**Matrix: Solid**
**Analysis Batch: 133789**

**Client Sample ID: SS 01**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 13.1 | | 250 | 254.0 | | mg/Kg | | 96 | 90 - 110 | 1 | 20 |

# QC Association Summary

Client: Ensolum
Project/Site: PLU 13 DTD EAST BATTERY - SPILL

Job ID: 890-9569-1
SDG: 03C1558836

## GC VOA

### Prep Batch: 133841

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9569-1 | SS 01 | Total/NA | Solid | 5035 | |
| 890-9569-2 | SS 02 | Total/NA | Solid | 5035 | |
| 890-9569-3 | SS 03 | Total/NA | Solid | 5035 | |
| 890-9569-4 | SS 05 | Total/NA | Solid | 5035 | |
| 890-9569-5 | SS 06 | Total/NA | Solid | 5035 | |
| 890-9569-6 | SS 08 | Total/NA | Solid | 5035 | |
| MB 880-133841/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-133841/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-133841/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-68931-A-21-C MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 880-68931-A-21-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

### Prep Batch: 133967

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 880-133967/5-A | Method Blank | Total/NA | Solid | 5035 | |

### Analysis Batch: 134031

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9569-7 | SS 09 | Total/NA | Solid | 8021B | 134039 |
| MB 880-134039/5-A | Method Blank | Total/NA | Solid | 8021B | 134039 |
| LCS 880-134039/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 134039 |
| LCSD 880-134039/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 134039 |
| 880-69226-A-1-G MS | Matrix Spike | Total/NA | Solid | 8021B | 134039 |
| 880-69226-A-1-H MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 134039 |

### Analysis Batch: 134033

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9569-1 | SS 01 | Total/NA | Solid | 8021B | 133841 |
| 890-9569-2 | SS 02 | Total/NA | Solid | 8021B | 133841 |
| 890-9569-3 | SS 03 | Total/NA | Solid | 8021B | 133841 |
| 890-9569-4 | SS 05 | Total/NA | Solid | 8021B | 133841 |
| 890-9569-5 | SS 06 | Total/NA | Solid | 8021B | 133841 |
| 890-9569-6 | SS 08 | Total/NA | Solid | 8021B | 133841 |
| MB 880-133841/5-A | Method Blank | Total/NA | Solid | 8021B | 133841 |
| MB 880-133967/5-A | Method Blank | Total/NA | Solid | 8021B | 133967 |
| LCS 880-133841/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 133841 |
| LCSD 880-133841/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 133841 |
| 880-68931-A-21-C MS | Matrix Spike | Total/NA | Solid | 8021B | 133841 |
| 880-68931-A-21-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 133841 |

### Prep Batch: 134039

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9569-7 | SS 09 | Total/NA | Solid | 5035 | |
| MB 880-134039/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-134039/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-134039/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-69226-A-1-G MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 880-69226-A-1-H MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

# QC Association Summary

Client: Ensolum
Project/Site: PLU 13 DTD EAST BATTERY - SPILL

Job ID: 890-9569-1
SDG: 03C1558836

## GC VOA

### Analysis Batch: 134291

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9569-1 | SS 01 | Total/NA | Solid | Total BTEX | |
| 890-9569-2 | SS 02 | Total/NA | Solid | Total BTEX | |
| 890-9569-3 | SS 03 | Total/NA | Solid | Total BTEX | |
| 890-9569-4 | SS 05 | Total/NA | Solid | Total BTEX | |
| 890-9569-5 | SS 06 | Total/NA | Solid | Total BTEX | |
| 890-9569-6 | SS 08 | Total/NA | Solid | Total BTEX | |
| 890-9569-7 | SS 09 | Total/NA | Solid | Total BTEX | |

## GC Semi VOA

### Prep Batch: 133719

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9569-1 | SS 01 | Total/NA | Solid | 8015NM Prep | |
| 890-9569-2 | SS 02 | Total/NA | Solid | 8015NM Prep | |
| 890-9569-3 | SS 03 | Total/NA | Solid | 8015NM Prep | |
| 890-9569-4 | SS 05 | Total/NA | Solid | 8015NM Prep | |
| 890-9569-5 | SS 06 | Total/NA | Solid | 8015NM Prep | |
| 890-9569-6 | SS 08 | Total/NA | Solid | 8015NM Prep | |
| 890-9569-7 | SS 09 | Total/NA | Solid | 8015NM Prep | |
| MB 880-133719/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-133719/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-133719/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 890-9569-1 MS | SS 01 | Total/NA | Solid | 8015NM Prep | |
| 890-9569-1 MSD | SS 01 | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 134067

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9569-1 | SS 01 | Total/NA | Solid | 8015B NM | 133719 |
| 890-9569-2 | SS 02 | Total/NA | Solid | 8015B NM | 133719 |
| 890-9569-3 | SS 03 | Total/NA | Solid | 8015B NM | 133719 |
| 890-9569-4 | SS 05 | Total/NA | Solid | 8015B NM | 133719 |
| 890-9569-5 | SS 06 | Total/NA | Solid | 8015B NM | 133719 |
| 890-9569-6 | SS 08 | Total/NA | Solid | 8015B NM | 133719 |
| 890-9569-7 | SS 09 | Total/NA | Solid | 8015B NM | 133719 |
| MB 880-133719/1-A | Method Blank | Total/NA | Solid | 8015B NM | 133719 |
| LCS 880-133719/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 133719 |
| LCSD 880-133719/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 133719 |
| 890-9569-1 MS | SS 01 | Total/NA | Solid | 8015B NM | 133719 |
| 890-9569-1 MSD | SS 01 | Total/NA | Solid | 8015B NM | 133719 |

### Analysis Batch: 134115

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9569-1 | SS 01 | Total/NA | Solid | 8015 NM | |
| 890-9569-2 | SS 02 | Total/NA | Solid | 8015 NM | |
| 890-9569-3 | SS 03 | Total/NA | Solid | 8015 NM | |
| 890-9569-4 | SS 05 | Total/NA | Solid | 8015 NM | |
| 890-9569-5 | SS 06 | Total/NA | Solid | 8015 NM | |
| 890-9569-6 | SS 08 | Total/NA | Solid | 8015 NM | |
| 890-9569-7 | SS 09 | Total/NA | Solid | 8015 NM | |

# QC Association Summary

Client: Ensolum
Project/Site: PLU 13 DTD EAST BATTERY - SPILL

Job ID: 890-9569-1
SDG: 03C1558836

## HPLC/IC

### Leach Batch: 133628

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9569-1 | SS 01 | Soluble | Solid | DI Leach | |
| 890-9569-2 | SS 02 | Soluble | Solid | DI Leach | |
| 890-9569-3 | SS 03 | Soluble | Solid | DI Leach | |
| 890-9569-4 | SS 05 | Soluble | Solid | DI Leach | |
| 890-9569-5 | SS 06 | Soluble | Solid | DI Leach | |
| 890-9569-6 | SS 08 | Soluble | Solid | DI Leach | |
| 890-9569-7 | SS 09 | Soluble | Solid | DI Leach | |
| MB 880-133628/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-133628/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-133628/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 890-9569-1 MS | SS 01 | Soluble | Solid | DI Leach | |
| 890-9569-1 MSD | SS 01 | Soluble | Solid | DI Leach | |

### Analysis Batch: 133789

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9569-1 | SS 01 | Soluble | Solid | 300.0 | 133628 |
| 890-9569-2 | SS 02 | Soluble | Solid | 300.0 | 133628 |
| 890-9569-3 | SS 03 | Soluble | Solid | 300.0 | 133628 |
| 890-9569-4 | SS 05 | Soluble | Solid | 300.0 | 133628 |
| 890-9569-5 | SS 06 | Soluble | Solid | 300.0 | 133628 |
| 890-9569-6 | SS 08 | Soluble | Solid | 300.0 | 133628 |
| 890-9569-7 | SS 09 | Soluble | Solid | 300.0 | 133628 |
| MB 880-133628/1-A | Method Blank | Soluble | Solid | 300.0 | 133628 |
| LCS 880-133628/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 133628 |
| LCSD 880-133628/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 133628 |
| 890-9569-1 MS | SS 01 | Soluble | Solid | 300.0 | 133628 |
| 890-9569-1 MSD | SS 01 | Soluble | Solid | 300.0 | 133628 |

# Lab Chronicle

Client: Ensolum
Project/Site: PLU 13 DTD EAST BATTERY - SPILL

Job ID: 890-9569-1
SDG: 03C1558836

## Client Sample ID: SS 01

**Lab Sample ID: 890-9569-1**
**Matrix: Solid**
**Date Collected: 02/27/26 11:40**
**Date Received: 02/27/26 16:20**

| 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 | 133841 | 03/04/26 13:46 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 134033 | 03/07/26 03:32 | SA | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 134291 | 03/07/26 03:32 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 134115 | 03/06/26 13:31 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 133719 | 03/03/26 17:36 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 134067 | 03/06/26 13:31 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 133628 | 03/03/26 09:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 133789 | 03/04/26 12:11 | CS | EET MID |

## Client Sample ID: SS 02

**Lab Sample ID: 890-9569-2**
**Matrix: Solid**
**Date Collected: 02/27/26 11:37**
**Date Received: 02/27/26 16:20**

| 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 | 133841 | 03/04/26 13:46 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 134033 | 03/07/26 03:53 | SA | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 134291 | 03/07/26 03:53 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 134115 | 03/06/26 14:16 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 133719 | 03/03/26 17:36 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 134067 | 03/06/26 14:16 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 133628 | 03/03/26 09:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 20 | | | 133789 | 03/04/26 12:31 | CS | EET MID |

## Client Sample ID: SS 03

**Lab Sample ID: 890-9569-3**
**Matrix: Solid**
**Date Collected: 02/27/26 11:26**
**Date Received: 02/27/26 16:20**

| 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 | 133841 | 03/04/26 13:46 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 134033 | 03/07/26 04:14 | SA | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 134291 | 03/07/26 04:14 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 134115 | 03/06/26 14:32 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 133719 | 03/03/26 17:36 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 134067 | 03/06/26 14:32 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 133628 | 03/03/26 09:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 20 | | | 133789 | 03/04/26 12:38 | CS | EET MID |

## Client Sample ID: SS 05

**Lab Sample ID: 890-9569-4**
**Matrix: Solid**
**Date Collected: 02/27/26 11:21**
**Date Received: 02/27/26 16:20**

| 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 | 133841 | 03/04/26 13:46 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 134033 | 03/07/26 04:34 | SA | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 134291 | 03/07/26 04:34 | SA | EET MID |

Eurofins Carlsbad

# Lab Chronicle

Client: Ensolum
Project/Site: PLU 13 DTD EAST BATTERY - SPILL

Job ID: 890-9569-1
SDG: 03C1558836

## Client Sample ID: SS 05

**Lab Sample ID: 890-9569-4**
**Matrix: Solid**
**Date Collected: 02/27/26 11:21**
**Date Received: 02/27/26 16:20**

| 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 | | | 134115 | 03/06/26 14:47 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 133719 | 03/03/26 17:36 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 134067 | 03/06/26 14:47 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 133628 | 03/03/26 09:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 133789 | 03/04/26 12:58 | CS | EET MID |

## Client Sample ID: SS 06

**Lab Sample ID: 890-9569-5**
**Matrix: Solid**
**Date Collected: 02/27/26 11:51**
**Date Received: 02/27/26 16:20**

| 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 | 133841 | 03/04/26 13:46 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 134033 | 03/07/26 04:55 | SA | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 134291 | 03/07/26 04:55 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 134115 | 03/06/26 15:02 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 133719 | 03/03/26 17:36 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 134067 | 03/06/26 15:02 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 133628 | 03/03/26 09:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 133789 | 03/04/26 13:04 | CS | EET MID |

## Client Sample ID: SS 08

**Lab Sample ID: 890-9569-6**
**Matrix: Solid**
**Date Collected: 02/27/26 11:20**
**Date Received: 02/27/26 16:20**

| 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 | 133841 | 03/04/26 13:46 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 134033 | 03/07/26 05:15 | SA | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 134291 | 03/07/26 05:15 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 134115 | 03/06/26 15:17 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 133719 | 03/03/26 17:36 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 134067 | 03/06/26 15:17 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 133628 | 03/03/26 09:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 133789 | 03/04/26 13:11 | CS | EET MID |

## Client Sample ID: SS 09

**Lab Sample ID: 890-9569-7**
**Matrix: Solid**
**Date Collected: 02/27/26 11:32**
**Date Received: 02/27/26 16:20**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 134039 | 03/06/26 09:07 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 134031 | 03/06/26 18:54 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 134291 | 03/06/26 18:54 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 134115 | 03/06/26 15:32 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 133719 | 03/03/26 17:36 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 134067 | 03/06/26 15:32 | FC | EET MID |

# Lab Chronicle

Client: Ensolum
Project/Site: PLU 13 DTD EAST BATTERY - SPILL

Job ID: 890-9569-1
SDG: 03C1558836

**Client Sample ID: SS 09**
**Date Collected: 02/27/26 11:32**
**Date Received: 02/27/26 16:20**

**Lab Sample ID: 890-9569-7**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 133628 | 03/03/26 09:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 133789 | 03/04/26 13:18 | CS | EET MID |

**Laboratory References:**

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

# Accreditation/Certification Summary

Client: Ensolum
Project/Site: PLU 13 DTD EAST BATTERY - SPILL

Job ID: 890-9569-1
SDG: 03C1558836

## 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: PLU 13 DTD EAST BATTERY - SPILL

Job ID: 890-9569-1
SDG: 03C1558836

| 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: PLU 13 DTD EAST BATTERY - SPILL

Job ID: 890-9569-1
SDG: 03C1558836

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Depth |
|---|---|---|---|---|---|
| 890-9569-1 | SS 01 | Solid | 02/27/26 11:40 | 02/27/26 16:20 | SURFACE |
| 890-9569-2 | SS 02 | Solid | 02/27/26 11:37 | 02/27/26 16:20 | SURFACE |
| 890-9569-3 | SS 03 | Solid | 02/27/26 11:26 | 02/27/26 16:20 | SURFACE |
| 890-9569-4 | SS 05 | Solid | 02/27/26 11:21 | 02/27/26 16:20 | SURFACE |
| 890-9569-5 | SS 06 | Solid | 02/27/26 11:51 | 02/27/26 16:20 | SURFACE |
| 890-9569-6 | SS 08 | Solid | 02/27/26 11:20 | 02/27/26 16:20 | SURFACE |
| 890-9569-7 | SS 09 | Solid | 02/27/26 11:32 | 02/27/26 16:20 | SURFACE |

eurofins | 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

**Work Order No:** _____

www.xenco.com Page 1 of 1

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

**Work Order Comments**

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

| | | | |
|---|---|---|---|
| Project Name: | PLU 13 DTD East Battery Spill | Turn Around | |
| Project Number: | 03C1558836 | ☒ Routine ☐ Rush | |
| Project Location: | 32.205854, -103.830370 | Due Date: | 5 day |
| Sampler's Name: | Chloe James | TAT starts the day received by the lab, if received by 4:30pm | |
| PO #: | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank: | Yes No | Wet Ice: | Yes No | |
| Samples Received Intact: | Yes No | Thermometer ID: | Tmac | |
| Cooler Custody Seals: | Yes No N/A | Correction Factor: | -0.2 | |
| Sample Custody Seals: | Yes No N/A | Temperature Reading: | 2.0 | |
| Total Containers: | | Corrected Temperature: | 1.8 | |

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | CHLORIDES (EPA: 300.0) | TPH | BTEX | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SS01 | Soil | 2.27.26 | 1140 | Surface | Grab | 1 | Cool | X | X | X | Incident ID: nAPP2605137503 |
| SS02 | | | 1137 | | | | | | | | CC: 219172 1001 |
| SS03 | | | 1126 | | | | | | | | GFCM: 48605000-Spills |
| SS05 | | | 1121 | | | | | | | | fAPP2126355488 |
| SS06 | | | 1151 | | | | | | | | |
| SS08 | | | 1120 | | | | | | | | |
| SS09 | Soil | 2.27.26 | 1132 | Surface | Grab | 1 | | X | X | X | |

**Preservative Codes**

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

890-9569 Chain of Custody

**Total 200.7 / 6010 200.8 / 6020:** 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn

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



| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 Chloe James | | 1550 2.27.26 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

Revised Date: 08/25/2020 Rev. 2020.2

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

# Chain of Custody Record

eurofins | Environment Testing

| Client Information (Sub Contract Lab) | Sampler: N/A | Lab PM: Kramer, Jessica | Carrier Tracking No(s): N/A | COC No: 890-6577.1 |
|---|---|---|---|---|
| Client Contact: Shipping/Receiving | Phone: N/A | E-Mail: Jessica.Kramer@et.eurofinsus.com | State of Origin: New Mexico | Page: Page 1 of 1 |
| Company: Eurofins Environment Testing South Centr | | Accreditations Required (See note): NELAP - Texas | | Job #: 890-9569-1 |
| Address: 1211 W. Florida Ave, , | Due Date Requested: 3/5/2026 | | | Preservation Codes: - |
| City: Midland | TAT Requested (days): N/A | | | |
| State, Zip: TX, 79701 | | | | |
| Phone: 432-704-5440(Tel) | PO #: N/A | | | |
| Email: N/A | WO #: N/A | | | |
| Project Name: PLU 13 DTD EAST BATTERY - SPILL | Project #: 89000110 | | | |
| Site: N/A | SSOW#: N/A | | | Other: N/A |

Analysis Requested

| Sample Identification - Client ID (Lab ID) | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015MOD_NM/8015NM_S_Prep(MOD) Full TPH | 8015MOD_Calc | 300_ORGFM_28D/DI_LEACH/Chloride | 8021B/5035FP_Calc(MOD) BTEX | Total_BTEX_GCV | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | | | | | | | |
| SS 01 (890-9569-1) | 2/27/26 | 11:40 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| SS 02 (890-9569-2) | 2/27/26 | 11:37 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| SS 03 (890-9569-3) | 2/27/26 | 11:26 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| SS 05 (890-9569-4) | 2/27/26 | 11:21 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| SS 06 (890-9569-5) | 2/27/26 | 11:51 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| SS 08 (890-9569-6) | 2/27/26 | 11:20 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| SS 09 (890-9569-7) | 2/27/26 | 11:32 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

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

| Possible Hazard Identification | Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month) |
|---|---|
| Unconfirmed | ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months |
| Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2 | Special Instructions/QC Requirements: |

| Empty Kit Relinquished by: | | Date: | Time: | Method of Shipment: | | |
|---|---|---|---|---|---|---|
| Relinquished by: | Date/Time: 2/27 1625 | Company | Received by: ED | Date/Time: 3.2.26 800 | Company | |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company | |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company | |

| Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: |
|---|---|---|

Ver: 10/10/2024

# Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9569-1
SDG Number: 03C1558836

**Login Number: 9569**
**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: 890-9569-1
SDG Number: 03C1558836

**Login Number: 9569**
**List Number: 2**
**Creator: Dyal, Erica**

**List Source: Eurofins Midland**
**List Creation: 03/02/26 10:04 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 | |

eurofins | Environment Testing



# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 4/27/2026 2:58:39 PM

## JOB DESCRIPTION

PLU 13 DTD East Battery
03C1558836

## JOB NUMBER

890-9794-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.





my EOL

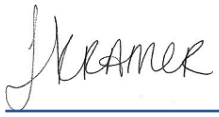
# Eurofins Carlsbad

## Job Notes

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

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

## Authorization



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4/27/2026 2:58:39 PM

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

Client: Ensolum
Project/Site: PLU 13 DTD East Battery

Laboratory Job ID: 890-9794-1
SDG: 03C1558836

# Table of Contents

# Definitions/Glossary

Client: Ensolum Job ID: 890-9794-1
Project/Site: PLU 13 DTD East Battery SDG: 03C1558836

## Qualifiers

### GC VOA

| Qualifier | Qualifier Description |
|---|---|
| *- | LCS and/or LCSD is outside acceptance limits, low biased. |
| *1 | LCS/LCSD RPD exceeds control limits. |
| F2 | MS/MSD RPD exceeds control limits |
| S1+ | Surrogate recovery exceeds control limits, high biased. |
| U | Indicates the analyte was analyzed for but not detected. |

### GC Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| *1 | LCS/LCSD RPD exceeds control limits. |
| F1 | MS and/or MSD recovery exceeds control limits. |
| F2 | MS/MSD RPD exceeds control limits |
| S1- | Surrogate recovery exceeds control limits, low biased. |
| U | Indicates the analyte was analyzed for but not detected. |

### HPLC/IC

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

## Glossary

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

# Definitions/Glossary

Client: Ensolum
Project/Site: PLU 13 DTD East Battery

Job ID: 890-9794-1
SDG: 03C1558836

## Glossary (Continued)

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| TNTC | Too Numerous To Count |

# Case Narrative

Client: Ensolum Job ID: 890-9794-1
Project: PLU 13 DTD East Battery

## Job ID: 890-9794-1 Eurofins Carlsbad

**Job Narrative**
**890-9794-1**

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 4/17/2026 12:59 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 0.8°C.

**Receipt Exceptions**
The following samples were received and analyzed from an unpreserved bulk soil jar: FS02 (890-9794-1), SW01 (890-9794-2), CS18 (890-9794-3), CS19 (890-9794-4), CS20 (890-9794-5), CS22 (890-9794-6), CS23 (890-9794-7), CS24 (890-9794-8) and CS25 (890-9794-9).

**GC VOA**
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-138579 and 880-138597 and analytical batch 880-138842 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS18 (890-9794-3), CS19 (890-9794-4) and (890-9791-A-21-E). 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: (LCS 880-138579/1-A) and (LCSD 880-138579/2-A). Evidence of matrix interferences is not obvious.

Method 8021B: The laboratory control sample duplicate (LCSD) associated with preparation batch 880-138579 and analytical batch 880-138842 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-138579 and analytical batch 880-138842 was outside control limits. Sample non-homogeneity is suspected.

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

**Diesel Range Organics**
Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-138248 and analytical batch 880-138699 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-138248 and analytical batch 880-138699 was outside control limits. Sample matrix interference and/or non-homogeneity is suspected.

Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-138247 and analytical batch 880-138804 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-138247 and analytical batch 880-138804 was outside control limits. Sample matrix interference and/or non-homogeneity is suspected.

# Case Narrative

Client: Ensolum Job ID: 890-9794-1
Project: PLU 13 DTD East Battery

## Job ID: 890-9794-1 (Continued) Eurofins Carlsbad

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-138804 recovered outside control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-138804/57).

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: FS02 (890-9794-1), SW01 (890-9794-2), CS19 (890-9794-4), CS20 (890-9794-5) and CS24 (890-9794-8). 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.

**HPLC/IC**
Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-138337 and analytical batch 880-138477 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.

# Client Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD East Battery

Job ID: 890-9794-1
SDG: 03C1558836

## Client Sample ID: FS02

**Date Collected: 04/16/26 12:10**
**Date Received: 04/17/26 12:59**
**Sample Depth: 0.5**

**Lab Sample ID: 890-9794-1**
**Matrix: Solid**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U *- *1 | 0.00198 | | mg/Kg | | 04/25/26 11:06 | 04/26/26 20:58 | 1 |
| Toluene | <0.00198 | U *- *1 | 0.00198 | | mg/Kg | | 04/25/26 11:06 | 04/26/26 20:58 | 1 |
| Ethylbenzene | <0.00198 | U *- *1 | 0.00198 | | mg/Kg | | 04/25/26 11:06 | 04/26/26 20:58 | 1 |
| m-Xylene & p-Xylene | <0.00397 | U *1 | 0.00397 | | mg/Kg | | 04/25/26 11:06 | 04/26/26 20:58 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 04/25/26 11:06 | 04/26/26 20:58 | 1 |
| Xylenes, Total | <0.00397 | U *1 | 0.00397 | | mg/Kg | | 04/25/26 11:06 | 04/26/26 20:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *122* | | *70 - 130* | *04/25/26 11:06* | *04/26/26 20:58* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *04/25/26 11:06* | *04/26/26 20:58* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00397 | U | 0.00397 | | mg/Kg | | | 04/26/26 20:58 | 1 |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 04/24/26 08:37 | 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 | | 04/19/26 17:38 | 04/24/26 08:37 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U *1 | 49.9 | | mg/Kg | | 04/19/26 17:38 | 04/24/26 08:37 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 04/19/26 17:38 | 04/24/26 08:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *58* | *S1-* | *70 - 130* | *04/19/26 17:38* | *04/24/26 08:37* | *1* |
| *o-Terphenyl* | *62* | *S1-* | *70 - 130* | *04/19/26 17:38* | *04/24/26 08:37* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2330** | | 49.6 | | mg/Kg | | | 04/23/26 11:23 | 5 |

## Client Sample ID: SW01

**Date Collected: 04/16/26 12:16**
**Date Received: 04/17/26 12:59**
**Sample Depth: 0.5**

**Lab Sample ID: 890-9794-2**
**Matrix: Solid**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U *- *1 | 0.00200 | | mg/Kg | | 04/25/26 11:06 | 04/26/26 21:19 | 1 |
| Toluene | <0.00200 | U *- *1 | 0.00200 | | mg/Kg | | 04/25/26 11:06 | 04/26/26 21:19 | 1 |
| Ethylbenzene | <0.00200 | U *- *1 | 0.00200 | | mg/Kg | | 04/25/26 11:06 | 04/26/26 21:19 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U *1 | 0.00401 | | mg/Kg | | 04/25/26 11:06 | 04/26/26 21:19 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/25/26 11:06 | 04/26/26 21:19 | 1 |
| Xylenes, Total | <0.00401 | U *1 | 0.00401 | | mg/Kg | | 04/25/26 11:06 | 04/26/26 21:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *124* | | *70 - 130* | *04/25/26 11:06* | *04/26/26 21:19* | *1* |

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# Client Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD East Battery

Job ID: 890-9794-1
SDG: 03C1558836

## Client Sample ID: SW01

**Lab Sample ID: 890-9794-2**
**Matrix: Solid**
**Date Collected: 04/16/26 12:16**
**Date Received: 04/17/26 12:59**
**Sample Depth: 0.5**

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

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *04/25/26 11:06* | *04/26/26 21:19* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | mg/Kg | | | 04/26/26 21:19 | 1 |

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| **Total TPH** | **90.3** | | 49.9 | mg/Kg | | | 04/24/26 08:57 | 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 | | 04/19/26 17:38 | 04/24/26 08:57 | 1 |
| **Diesel Range Organics (Over C10-C28)** | **90.3** | ***1** | 49.9 | mg/Kg | | 04/19/26 17:38 | 04/24/26 08:57 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | mg/Kg | | 04/19/26 17:38 | 04/24/26 08:57 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *63* | *S1-* | *70 - 130* | *04/19/26 17:38* | *04/24/26 08:57* | *1* |
| *o-Terphenyl* | *59* | *S1-* | *70 - 130* | *04/19/26 17:38* | *04/24/26 08:57* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| **Chloride** | **5800** | **F1** | 99.8 | mg/Kg | | | 04/21/26 21:24 | 10 |

## Client Sample ID: CS18

**Lab Sample ID: 890-9794-3**
**Matrix: Solid**
**Date Collected: 04/16/26 13:15**
**Date Received: 04/17/26 12:59**
**Sample Depth: SURFACE**

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U *- *1 | 0.00201 | mg/Kg | | 04/25/26 16:09 | 04/26/26 23:07 | 1 |
| Toluene | <0.00201 | U *- *1 | 0.00201 | mg/Kg | | 04/25/26 16:09 | 04/26/26 23:07 | 1 |
| Ethylbenzene | <0.00201 | U *- *1 | 0.00201 | mg/Kg | | 04/25/26 16:09 | 04/26/26 23:07 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U *1 | 0.00402 | mg/Kg | | 04/25/26 16:09 | 04/26/26 23:07 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | mg/Kg | | 04/25/26 16:09 | 04/26/26 23:07 | 1 |
| Xylenes, Total | <0.00402 | U *1 | 0.00402 | mg/Kg | | 04/25/26 16:09 | 04/26/26 23:07 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *217* | *S1+* | *70 - 130* | *04/25/26 16:09* | *04/26/26 23:07* | *1* |
| *1,4-Difluorobenzene (Surr)* | *125* | | *70 - 130* | *04/25/26 16:09* | *04/26/26 23:07* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | mg/Kg | | | 04/26/26 23:07 | 1 |

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| **Total TPH** | **73.0** | | 50.0 | mg/Kg | | | 04/24/26 09:18 | 1 |

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# Client Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD East Battery

Job ID: 890-9794-1
SDG: 03C1558836

## Client Sample ID: CS18

**Lab Sample ID: 890-9794-3**
**Matrix: Solid**
**Date Collected: 04/16/26 13:15**
**Date Received: 04/17/26 12:59**
**Sample Depth: SURFACE**

### 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 | | 04/19/26 17:38 | 04/24/26 09:18 | 1 |
| **Diesel Range Organics (Over C10-C28)** | **73.0** | ***1** | 50.0 | | mg/Kg | | 04/19/26 17:38 | 04/24/26 09:18 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 04/19/26 17:38 | 04/24/26 09:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *84* | | *70 - 130* | *04/19/26 17:38* | *04/24/26 09:18* | *1* |
| *o-Terphenyl* | *82* | | *70 - 130* | *04/19/26 17:38* | *04/24/26 09:18* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **8420** | | 198 | | mg/Kg | | | 04/21/26 21:39 | 20 |

## Client Sample ID: CS19

**Lab Sample ID: 890-9794-4**
**Matrix: Solid**
**Date Collected: 04/16/26 13:27**
**Date Received: 04/17/26 12:59**
**Sample Depth: SURFACE**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U *- *1 | 0.00199 | | mg/Kg | | 04/25/26 16:09 | 04/26/26 23:33 | 1 |
| Toluene | <0.00199 | U *- *1 | 0.00199 | | mg/Kg | | 04/25/26 16:09 | 04/26/26 23:33 | 1 |
| Ethylbenzene | <0.00199 | U *- *1 | 0.00199 | | mg/Kg | | 04/25/26 16:09 | 04/26/26 23:33 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U *1 | 0.00398 | | mg/Kg | | 04/25/26 16:09 | 04/26/26 23:33 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 04/25/26 16:09 | 04/26/26 23:33 | 1 |
| Xylenes, Total | <0.00398 | U *1 | 0.00398 | | mg/Kg | | 04/25/26 16:09 | 04/26/26 23:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *241* | *S1+* | *70 - 130* | *04/25/26 16:09* | *04/26/26 23:33* | *1* |
| *1,4-Difluorobenzene (Surr)* | *125* | | *70 - 130* | *04/25/26 16:09* | *04/26/26 23:33* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 04/26/26 23:33 | 1 |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 04/24/26 09:39 | 1 |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 04/19/26 17:38 | 04/24/26 09:39 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U *1 | 49.8 | | mg/Kg | | 04/19/26 17:38 | 04/24/26 09:39 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 04/19/26 17:38 | 04/24/26 09:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *60* | *S1-* | *70 - 130* | *04/19/26 17:38* | *04/24/26 09:39* | *1* |
| *o-Terphenyl* | *61* | *S1-* | *70 - 130* | *04/19/26 17:38* | *04/24/26 09:39* | *1* |

# Client Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD East Battery

Job ID: 890-9794-1
SDG: 03C1558836

## Client Sample ID: CS19

**Lab Sample ID: 890-9794-4**
**Matrix: Solid**
**Date Collected: 04/16/26 13:27**
**Date Received: 04/17/26 12:59**
**Sample Depth: SURFACE**

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 15700 | | 198 | | mg/Kg | | | 04/21/26 21:45 | 20 |

## Client Sample ID: CS20

**Lab Sample ID: 890-9794-5**
**Matrix: Solid**
**Date Collected: 04/16/26 13:19**
**Date Received: 04/17/26 12:59**
**Sample Depth: SURFACE**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U *- *1 | 0.00199 | | mg/Kg | | 04/25/26 16:09 | 04/27/26 00:02 | 1 |
| Toluene | <0.00199 | U *- *1 | 0.00199 | | mg/Kg | | 04/25/26 16:09 | 04/27/26 00:02 | 1 |
| Ethylbenzene | <0.00199 | U *- *1 | 0.00199 | | mg/Kg | | 04/25/26 16:09 | 04/27/26 00:02 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U *1 | 0.00398 | | mg/Kg | | 04/25/26 16:09 | 04/27/26 00:02 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 04/25/26 16:09 | 04/27/26 00:02 | 1 |
| Xylenes, Total | <0.00398 | U *1 | 0.00398 | | mg/Kg | | 04/25/26 16:09 | 04/27/26 00:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *113* | | *70 - 130* | *04/25/26 16:09* | *04/27/26 00:02* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *04/25/26 16:09* | *04/27/26 00:02* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 04/27/26 00:02 | 1 |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 04/24/26 09:58 | 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 | | 04/19/26 17:38 | 04/24/26 09:58 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U *1 | 49.9 | | mg/Kg | | 04/19/26 17:38 | 04/24/26 09:58 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 04/19/26 17:38 | 04/24/26 09:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *62* | *S1-* | *70 - 130* | *04/19/26 17:38* | *04/24/26 09:58* | *1* |
| *o-Terphenyl* | *58* | *S1-* | *70 - 130* | *04/19/26 17:38* | *04/24/26 09:58* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 11600 | | 199 | | mg/Kg | | | 04/21/26 21:50 | 20 |

# Client Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD East Battery

Job ID: 890-9794-1
SDG: 03C1558836

## Client Sample ID: CS22

**Lab Sample ID: 890-9794-6**
**Matrix: Solid**
**Date Collected: 04/16/26 13:46**
**Date Received: 04/17/26 12:59**
**Sample Depth: SURFACE**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U *- *1 | 0.00199 | | mg/Kg | | 04/25/26 16:09 | 04/27/26 00:23 | 1 |
| Toluene | <0.00199 | U *- *1 | 0.00199 | | mg/Kg | | 04/25/26 16:09 | 04/27/26 00:23 | 1 |
| Ethylbenzene | <0.00199 | U *- *1 | 0.00199 | | mg/Kg | | 04/25/26 16:09 | 04/27/26 00:23 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U *1 | 0.00398 | | mg/Kg | | 04/25/26 16:09 | 04/27/26 00:23 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 04/25/26 16:09 | 04/27/26 00:23 | 1 |
| Xylenes, Total | <0.00398 | U *1 | 0.00398 | | mg/Kg | | 04/25/26 16:09 | 04/27/26 00:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *70 - 130* | *04/25/26 16:09* | *04/27/26 00:23* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *04/25/26 16:09* | *04/27/26 00:23* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 04/27/26 00:23 | 1 |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Total TPH** | **108** | | 50.0 | | mg/Kg | | | 04/24/26 10:19 | 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 | | 04/19/26 17:38 | 04/24/26 10:19 | 1 |
| **Diesel Range Organics (Over C10-C28)** | **108** | ***1** | 50.0 | | mg/Kg | | 04/19/26 17:38 | 04/24/26 10:19 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 04/19/26 17:38 | 04/24/26 10:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *71* | | *70 - 130* | *04/19/26 17:38* | *04/24/26 10:19* | *1* |
| *o-Terphenyl* | *70* | | *70 - 130* | *04/19/26 17:38* | *04/24/26 10:19* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **4110** | | 99.2 | | mg/Kg | | | 04/21/26 21:55 | 10 |

## Client Sample ID: CS23

**Lab Sample ID: 890-9794-7**
**Matrix: Solid**
**Date Collected: 04/16/26 13:48**
**Date Received: 04/17/26 12:59**
**Sample Depth: SURFACE**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U *- *1 | 0.00200 | | mg/Kg | | 04/25/26 16:09 | 04/27/26 00:43 | 1 |
| Toluene | <0.00200 | U *- *1 | 0.00200 | | mg/Kg | | 04/25/26 16:09 | 04/27/26 00:43 | 1 |
| Ethylbenzene | <0.00200 | U *- *1 | 0.00200 | | mg/Kg | | 04/25/26 16:09 | 04/27/26 00:43 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U *1 | 0.00399 | | mg/Kg | | 04/25/26 16:09 | 04/27/26 00:43 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/25/26 16:09 | 04/27/26 00:43 | 1 |
| Xylenes, Total | <0.00399 | U *1 | 0.00399 | | mg/Kg | | 04/25/26 16:09 | 04/27/26 00:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *70 - 130* | *04/25/26 16:09* | *04/27/26 00:43* | *1* |

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# Client Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD East Battery

Job ID: 890-9794-1
SDG: 03C1558836

## Client Sample ID: CS23

**Lab Sample ID: 890-9794-7**
**Matrix: Solid**
**Date Collected: 04/16/26 13:48**
**Date Received: 04/17/26 12:59**
**Sample Depth: SURFACE**

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

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *1,4-Difluorobenzene (Surr)* | *90* | | *70 - 130* | *04/25/26 16:09* | *04/27/26 00:43* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | mg/Kg | | | 04/27/26 00:43 | 1 |

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | mg/Kg | | | 04/24/26 10:39 | 1 |

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | mg/Kg | | 04/19/26 17:38 | 04/24/26 10:39 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U *1 | 49.8 | mg/Kg | | 04/19/26 17:38 | 04/24/26 10:39 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | mg/Kg | | 04/19/26 17:38 | 04/24/26 10:39 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *71* | | *70 - 130* | *04/19/26 17:38* | *04/24/26 10:39* | *1* |
| *o-Terphenyl* | *70* | | *70 - 130* | *04/19/26 17:38* | *04/24/26 10:39* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| **Chloride** | **9490** | | 201 | mg/Kg | | | 04/21/26 22:11 | 20 |

## Client Sample ID: CS24

**Lab Sample ID: 890-9794-8**
**Matrix: Solid**
**Date Collected: 04/16/26 13:50**
**Date Received: 04/17/26 12:59**
**Sample Depth: SURFACE**

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U *- *1 | 0.00201 | mg/Kg | | 04/25/26 16:09 | 04/27/26 01:04 | 1 |
| Toluene | <0.00201 | U *- *1 | 0.00201 | mg/Kg | | 04/25/26 16:09 | 04/27/26 01:04 | 1 |
| Ethylbenzene | <0.00201 | U *- *1 | 0.00201 | mg/Kg | | 04/25/26 16:09 | 04/27/26 01:04 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U *1 | 0.00402 | mg/Kg | | 04/25/26 16:09 | 04/27/26 01:04 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | mg/Kg | | 04/25/26 16:09 | 04/27/26 01:04 | 1 |
| Xylenes, Total | <0.00402 | U *1 | 0.00402 | mg/Kg | | 04/25/26 16:09 | 04/27/26 01:04 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* | *04/25/26 16:09* | *04/27/26 01:04* | *1* |
| *1,4-Difluorobenzene (Surr)* | *90* | | *70 - 130* | *04/25/26 16:09* | *04/27/26 01:04* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | mg/Kg | | | 04/27/26 01:04 | 1 |

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | mg/Kg | | | 04/24/26 11:00 | 1 |

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# Client Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD East Battery

Job ID: 890-9794-1
SDG: 03C1558836

## Client Sample ID: CS24

**Date Collected: 04/16/26 13:50**
**Date Received: 04/17/26 12:59**
**Sample Depth: SURFACE**

**Lab Sample ID: 890-9794-8**
**Matrix: Solid**

### 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 | | 04/19/26 17:38 | 04/24/26 11:00 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U *1 | 50.0 | | mg/Kg | | 04/19/26 17:38 | 04/24/26 11:00 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 04/19/26 17:38 | 04/24/26 11:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *59* | *S1-* | *70 - 130* | *04/19/26 17:38* | *04/24/26 11:00* | *1* |
| *o-Terphenyl* | *58* | *S1-* | *70 - 130* | *04/19/26 17:38* | *04/24/26 11:00* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **6350** | | 99.4 | | mg/Kg | | | 04/21/26 22:16 | 10 |

## Client Sample ID: CS25

**Date Collected: 04/16/26 13:53**
**Date Received: 04/17/26 12:59**
**Sample Depth: SURFACE**

**Lab Sample ID: 890-9794-9**
**Matrix: Solid**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U *- *1 | 0.00199 | | mg/Kg | | 04/25/26 16:09 | 04/27/26 01:24 | 1 |
| Toluene | <0.00199 | U *- *1 | 0.00199 | | mg/Kg | | 04/25/26 16:09 | 04/27/26 01:24 | 1 |
| Ethylbenzene | <0.00199 | U *- *1 | 0.00199 | | mg/Kg | | 04/25/26 16:09 | 04/27/26 01:24 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U *1 | 0.00398 | | mg/Kg | | 04/25/26 16:09 | 04/27/26 01:24 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 04/25/26 16:09 | 04/27/26 01:24 | 1 |
| Xylenes, Total | <0.00398 | U *1 | 0.00398 | | mg/Kg | | 04/25/26 16:09 | 04/27/26 01:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *128* | | *70 - 130* | *04/25/26 16:09* | *04/27/26 01:24* | *1* |
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* | *04/25/26 16:09* | *04/27/26 01:24* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 04/27/26 01:24 | 1 |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Total TPH** | **1060** | | 50.0 | | mg/Kg | | | 04/24/26 01:37 | 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 F2 F1 | 50.0 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 01:37 | 1 |
| **Diesel Range Organics (Over C10-C28)** | **939** | ***1** | 50.0 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 01:37 | 1 |
| **Oil Range Organics (Over C28-C36)** | **117** | | 50.0 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 01:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *99* | | *70 - 130* | *04/19/26 17:42* | *04/24/26 01:37* | *1* |
| *o-Terphenyl* | *97* | | *70 - 130* | *04/19/26 17:42* | *04/24/26 01:37* | *1* |

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# Client Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD East Battery

Job ID: 890-9794-1
SDG: 03C1558836

**Client Sample ID: CS25**
**Date Collected: 04/16/26 13:53**
**Date Received: 04/17/26 12:59**
**Sample Depth: SURFACE**

**Lab Sample ID: 890-9794-9**
**Matrix: Solid**

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 9870 | | 100 | | mg/Kg | | | 04/21/26 22:21 | 10 |

# Surrogate Summary

Client: Ensolum
Project/Site: PLU 13 DTD East Battery

Job ID: 890-9794-1
SDG: 03C1558836

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

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

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| Lab Sample ID | Client Sample ID | BFB1 (70-130) | DFBZ1 (70-130) |
| 890-9791-A-21-C MS | Matrix Spike | 115 | 109 |
| 890-9791-A-21-D MSD | Matrix Spike Duplicate | 92 | 95 |
| 890-9794-1 | FS02 | 122 | 99 |
| 890-9794-2 | SW01 | 124 | 101 |
| 890-9794-3 | CS18 | 217 S1+ | 125 |
| 890-9794-4 | CS19 | 241 S1+ | 125 |
| 890-9794-5 | CS20 | 113 | 103 |
| 890-9794-6 | CS22 | 103 | 97 |
| 890-9794-7 | CS23 | 103 | 90 |
| 890-9794-8 | CS24 | 98 | 90 |
| 890-9794-9 | CS25 | 128 | 110 |
| LCS 880-138579/1-A | Lab Control Sample | 114 | 135 S1+ |
| LCSD 880-138579/2-A | Lab Control Sample Dup | 149 S1+ | 101 |
| MB 880-138579/5-A | Method Blank | 213 S1+ | 115 |
| MB 880-138597/5-A | Method Blank | 247 S1+ | 117 |

**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) |
| 880-71105-A-1-I MS | Matrix Spike | 97 | 70 |
| 880-71105-A-1-J MSD | Matrix Spike Duplicate | 64 S1- | 46 S1- |
| 890-9794-1 | FS02 | 58 S1- | 62 S1- |
| 890-9794-2 | SW01 | 63 S1- | 59 S1- |
| 890-9794-3 | CS18 | 84 | 82 |
| 890-9794-4 | CS19 | 60 S1- | 61 S1- |
| 890-9794-5 | CS20 | 62 S1- | 58 S1- |
| 890-9794-6 | CS22 | 71 | 70 |
| 890-9794-7 | CS23 | 71 | 70 |
| 890-9794-8 | CS24 | 59 S1- | 58 S1- |
| 890-9794-9 | CS25 | 99 | 97 |
| 890-9794-9 MS | CS25 | 87 | 101 |
| 890-9794-9 MSD | CS25 | 99 | 99 |
| LCS 880-138247/2-A | Lab Control Sample | 126 | 116 |
| LCS 880-138248/2-A | Lab Control Sample | 100 | 93 |
| LCSD 880-138247/3-A | Lab Control Sample Dup | 85 | 80 |
| LCSD 880-138248/3-A | Lab Control Sample Dup | 83 | 68 S1- |
| MB 880-138247/1-A | Method Blank | 75 | 75 |
| MB 880-138248/1-A | Method Blank | 112 | 79 |

**Surrogate Legend**

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

# QC Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD East Battery

Job ID: 890-9794-1
SDG: 03C1558836

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

**Lab Sample ID: MB 880-138579/5-A**
**Matrix: Solid**
**Analysis Batch: 138842**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 138579**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/22/26 11:06 | 04/26/26 17:45 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/22/26 11:06 | 04/26/26 17:45 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/22/26 11:06 | 04/26/26 17:45 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 04/22/26 11:06 | 04/26/26 17:45 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/22/26 11:06 | 04/26/26 17:45 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 04/22/26 11:06 | 04/26/26 17:45 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *213* | *S1+* | *70 - 130* | *04/22/26 11:06* | *04/26/26 17:45* | *1* |
| *1,4-Difluorobenzene (Surr)* | *115* | | *70 - 130* | *04/22/26 11:06* | *04/26/26 17:45* | *1* |

**Lab Sample ID: LCS 880-138579/1-A**
**Matrix: Solid**
**Analysis Batch: 138842**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 138579**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1223 | | mg/Kg | | 122 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.09159 | | mg/Kg | | 92 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.1070 | | mg/Kg | | 107 | 70 - 130 | | |
| m-Xylene & p-Xylene | | | 0.200 | 0.2251 | | mg/Kg | | 113 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1108 | | mg/Kg | | 111 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *114* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *135* | *S1+* | *70 - 130* |

**Lab Sample ID: LCSD 880-138579/2-A**
**Matrix: Solid**
**Analysis Batch: 138842**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 138579**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.05077 | *- *1 | mg/Kg | | 51 | 70 - 130 | 83 | 35 |
| Toluene | | | 0.100 | 0.04109 | *- *1 | mg/Kg | | 41 | 70 - 130 | 76 | 35 |
| Ethylbenzene | | | 0.100 | 0.05505 | *- *1 | mg/Kg | | 55 | 70 - 130 | 64 | 35 |
| m-Xylene & p-Xylene | | | 0.200 | 0.1435 | *1 | mg/Kg | | 72 | 70 - 130 | 44 | 35 |
| o-Xylene | | | 0.100 | 0.08434 | | mg/Kg | | 84 | 70 - 130 | 27 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *149* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* |

**Lab Sample ID: 890-9791-A-21-C MS**
**Matrix: Solid**
**Analysis Batch: 138842**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 138579**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U *- *1 | 0.100 | 0.1043 | | mg/Kg | | 104 | 70 - 130 | | |
| Toluene | <0.00198 | U F2 *- *1 | 0.100 | 0.07924 | | mg/Kg | | 79 | 70 - 130 | | |

# QC Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD East Battery

Job ID: 890-9794-1
SDG: 03C1558836

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

**Lab Sample ID: 890-9791-A-21-C MS** — **Client Sample ID: Matrix Spike**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 138842** — **Prep Batch: 138579**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | <0.00198 | U *- *1 | 0.100 | 0.08909 | | mg/Kg | | 89 | 70 - 130 |
| m-Xylene & p-Xylene | <0.00397 | U *1 | 0.200 | 0.1808 | | mg/Kg | | 90 | 70 - 130 |
| o-Xylene | <0.00198 | U | 0.100 | 0.09525 | | mg/Kg | | 95 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *115* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *109* | | *70 - 130* |

**Lab Sample ID: 890-9791-A-21-D MSD** — **Client Sample ID: Matrix Spike Duplicate**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 138842** — **Prep Batch: 138579**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U *- *1 | 0.100 | 0.1139 | | mg/Kg | | 114 | 70 - 130 | 9 | 35 |
| Toluene | <0.00198 | U F2 *- *1 | 0.100 | 0.1142 | F2 | mg/Kg | | 114 | 70 - 130 | 36 | 35 |
| Ethylbenzene | <0.00198 | U *- *1 | 0.100 | 0.1234 | | mg/Kg | | 123 | 70 - 130 | 32 | 35 |
| m-Xylene & p-Xylene | <0.00397 | U *1 | 0.200 | 0.2309 | | mg/Kg | | 115 | 70 - 130 | 24 | 35 |
| o-Xylene | <0.00198 | U | 0.100 | 0.1045 | | mg/Kg | | 105 | 70 - 130 | 9 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *95* | | *70 - 130* |

**Lab Sample ID: MB 880-138597/5-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 138842** — **Prep Batch: 138597**

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 04/22/26 12:21 | 04/26/26 05:12 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 04/22/26 12:21 | 04/26/26 05:12 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 04/22/26 12:21 | 04/26/26 05:12 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | mg/Kg | | 04/22/26 12:21 | 04/26/26 05:12 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | mg/Kg | | 04/22/26 12:21 | 04/26/26 05:12 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | mg/Kg | | 04/22/26 12:21 | 04/26/26 05:12 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *247* | *S1+* | *70 - 130* | *04/22/26 12:21* | *04/26/26 05:12* | *1* |
| *1,4-Difluorobenzene (Surr)* | *117* | | *70 - 130* | *04/22/26 12:21* | *04/26/26 05:12* | *1* |

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

**Lab Sample ID: MB 880-138247/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 138804** — **Prep Batch: 138247**

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | mg/Kg | | 04/19/26 17:38 | 04/24/26 02:29 | 1 |

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# QC Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD East Battery

Job ID: 890-9794-1
SDG: 03C1558836

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

**Lab Sample ID: MB 880-138247/1-A**
**Matrix: Solid**
**Analysis Batch: 138804**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 138247**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 04/19/26 17:38 | 04/24/26 02:29 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 04/19/26 17:38 | 04/24/26 02:29 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *75* | | *70 - 130* | *04/19/26 17:38* | *04/24/26 02:29* | *1* |
| *o-Terphenyl* | *75* | | *70 - 130* | *04/19/26 17:38* | *04/24/26 02:29* | *1* |

**Lab Sample ID: LCS 880-138247/2-A**
**Matrix: Solid**
**Analysis Batch: 138804**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 138247**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1117 | | mg/Kg | | 112 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1134 | | mg/Kg | | 113 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane* | *126* | | *70 - 130* |
| *o-Terphenyl* | *116* | | *70 - 130* |

**Lab Sample ID: LCSD 880-138247/3-A**
**Matrix: Solid**
**Analysis Batch: 138804**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 138247**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1082 | | mg/Kg | | 108 | 70 - 130 | 3 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 774.7 | *1 | mg/Kg | | 77 | 70 - 130 | 38 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane* | *85* | | *70 - 130* |
| *o-Terphenyl* | *80* | | *70 - 130* |

**Lab Sample ID: 880-71105-A-1-I MS**
**Matrix: Solid**
**Analysis Batch: 138804**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 138247**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U F1 F2 | 1000 | 659.2 | F1 | mg/Kg | | 63 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | <50.1 | U *1 F1 F2 | 1000 | 610.9 | F1 | mg/Kg | | 59 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane* | *97* | | *70 - 130* |
| *o-Terphenyl* | *70* | | *70 - 130* |

# QC Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD East Battery

Job ID: 890-9794-1
SDG: 03C1558836

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

**Lab Sample ID: 880-71105-A-1-J MSD** — **Client Sample ID: Matrix Spike Duplicate**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 138804** — **Prep Batch: 138247**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U F1 F2 | 1000 | 1042 | F2 | mg/Kg | | 101 | 70 - 130 | 45 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U *1 F1 F2 | 1000 | 399.0 | F1 F2 | mg/Kg | | 38 | 70 - 130 | 42 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane* | *64* | *S1-* | *70 - 130* |
| *o-Terphenyl* | *46* | *S1-* | *70 - 130* |

**Lab Sample ID: MB 880-138248/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 138699** — **Prep Batch: 138248**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 00:51 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 00:51 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 00:51 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *112* | | *70 - 130* | *04/19/26 17:42* | *04/24/26 00:51* | *1* |
| *o-Terphenyl* | *79* | | *70 - 130* | *04/19/26 17:42* | *04/24/26 00:51* | *1* |

**Lab Sample ID: LCS 880-138248/2-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 138699** — **Prep Batch: 138248**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1117 | | mg/Kg | | 112 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1161 | | mg/Kg | | 116 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane* | *100* | | *70 - 130* |
| *o-Terphenyl* | *93* | | *70 - 130* |

**Lab Sample ID: LCSD 880-138248/3-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 138699** — **Prep Batch: 138248**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1184 | | mg/Kg | | 118 | 70 - 130 | 6 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 878.9 | *1 | mg/Kg | | 88 | 70 - 130 | 28 | 20 |

# QC Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD East Battery

Job ID: 890-9794-1
SDG: 03C1558836

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

**Lab Sample ID: LCSD 880-138248/3-A**
**Matrix: Solid**
**Analysis Batch: 138699**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 138248**

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane | 83 | | 70 - 130 |
| o-Terphenyl | 68 | S1- | 70 - 130 |

**Lab Sample ID: 890-9794-9 MS**
**Matrix: Solid**
**Analysis Batch: 138699**

**Client Sample ID: CS25**
**Prep Type: Total/NA**
**Prep Batch: 138248**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U F2 F1 | 1000 | 1464 | F1 | mg/Kg | | 142 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 939 | *1 | 1000 | 1802 | | mg/Kg | | 86 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane | 87 | | 70 - 130 |
| o-Terphenyl | 101 | | 70 - 130 |

**Lab Sample ID: 890-9794-9 MSD**
**Matrix: Solid**
**Analysis Batch: 138699**

**Client Sample ID: CS25**
**Prep Type: Total/NA**
**Prep Batch: 138248**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U F2 F1 | 1000 | 1810 | F1 F2 | mg/Kg | | 176 | 70 - 130 | 21 | 20 |
| Diesel Range Organics (Over C10-C28) | 939 | *1 | 1000 | 1836 | | mg/Kg | | 90 | 70 - 130 | 2 | 20 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane | 99 | | 70 - 130 |
| o-Terphenyl | 99 | | 70 - 130 |

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-138336/1-A**
**Matrix: Solid**
**Analysis Batch: 138471**

**Client Sample ID: Method Blank**
**Prep Type: Soluble**

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Chloride | <10.0 | U | 10.0 | mg/Kg | | | 04/22/26 14:56 | 1 |

**Lab Sample ID: LCS 880-138336/2-A**
**Matrix: Solid**
**Analysis Batch: 138471**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chloride | 250 | 248.5 | | mg/Kg | | 99 | 90 - 110 |

# QC Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD East Battery

Job ID: 890-9794-1
SDG: 03C1558836

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: LCSD 880-138336/3-A**
**Matrix: Solid**
**Analysis Batch: 138471**

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

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 237.5 | | mg/Kg | | 95 | 90 - 110 | 5 | 20 |

**Lab Sample ID: 880-71151-A-2-C MS**
**Matrix: Solid**
**Analysis Batch: 138471**

**Client Sample ID: Matrix Spike**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 101 | | 250 | 365.4 | | mg/Kg | | 106 | 90 - 110 | | |

**Lab Sample ID: 880-71151-A-2-D MSD**
**Matrix: Solid**
**Analysis Batch: 138471**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 101 | | 250 | 359.9 | | mg/Kg | | 103 | 90 - 110 | 2 | 20 |

**Lab Sample ID: MB 880-138337/1-A**
**Matrix: Solid**
**Analysis Batch: 138477**

**Client Sample ID: Method Blank**
**Prep Type: Soluble**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 04/21/26 21:08 | 1 |

**Lab Sample ID: LCS 880-138337/2-A**
**Matrix: Solid**
**Analysis Batch: 138477**

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

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 246.9 | | mg/Kg | | 99 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-138337/3-A**
**Matrix: Solid**
**Analysis Batch: 138477**

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

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 234.9 | | mg/Kg | | 94 | 90 - 110 | 5 | 20 |

**Lab Sample ID: 890-9794-2 MS**
**Matrix: Solid**
**Analysis Batch: 138477**

**Client Sample ID: SW01**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 5800 | F1 | 2500 | 9624 | F1 | mg/Kg | | 153 | 90 - 110 | | |

**Lab Sample ID: 890-9794-2 MSD**
**Matrix: Solid**
**Analysis Batch: 138477**

**Client Sample ID: SW01**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 5800 | F1 | 2500 | 9616 | F1 | mg/Kg | | 153 | 90 - 110 | 0 | 20 |

# QC Association Summary

Client: Ensolum
Project/Site: PLU 13 DTD East Battery

Job ID: 890-9794-1
SDG: 03C1558836

## GC VOA

### Prep Batch: 138579

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9794-1 | FS02 | Total/NA | Solid | 5035 | |
| 890-9794-2 | SW01 | Total/NA | Solid | 5035 | |
| 890-9794-3 | CS18 | Total/NA | Solid | 5035 | |
| 890-9794-4 | CS19 | Total/NA | Solid | 5035 | |
| 890-9794-5 | CS20 | Total/NA | Solid | 5035 | |
| 890-9794-6 | CS22 | Total/NA | Solid | 5035 | |
| 890-9794-7 | CS23 | Total/NA | Solid | 5035 | |
| 890-9794-8 | CS24 | Total/NA | Solid | 5035 | |
| 890-9794-9 | CS25 | Total/NA | Solid | 5035 | |
| MB 880-138579/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-138579/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-138579/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 890-9791-A-21-C MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 890-9791-A-21-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

### Prep Batch: 138597

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 880-138597/5-A | Method Blank | Total/NA | Solid | 5035 | |

### Analysis Batch: 138842

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9794-1 | FS02 | Total/NA | Solid | 8021B | 138579 |
| 890-9794-2 | SW01 | Total/NA | Solid | 8021B | 138579 |
| 890-9794-3 | CS18 | Total/NA | Solid | 8021B | 138579 |
| 890-9794-4 | CS19 | Total/NA | Solid | 8021B | 138579 |
| 890-9794-5 | CS20 | Total/NA | Solid | 8021B | 138579 |
| 890-9794-6 | CS22 | Total/NA | Solid | 8021B | 138579 |
| 890-9794-7 | CS23 | Total/NA | Solid | 8021B | 138579 |
| 890-9794-8 | CS24 | Total/NA | Solid | 8021B | 138579 |
| 890-9794-9 | CS25 | Total/NA | Solid | 8021B | 138579 |
| MB 880-138579/5-A | Method Blank | Total/NA | Solid | 8021B | 138579 |
| MB 880-138597/5-A | Method Blank | Total/NA | Solid | 8021B | 138597 |
| LCS 880-138579/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 138579 |
| LCSD 880-138579/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 138579 |
| 890-9791-A-21-C MS | Matrix Spike | Total/NA | Solid | 8021B | 138579 |
| 890-9791-A-21-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 138579 |

### Analysis Batch: 139120

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9794-1 | FS02 | Total/NA | Solid | Total BTEX | |
| 890-9794-2 | SW01 | Total/NA | Solid | Total BTEX | |
| 890-9794-3 | CS18 | Total/NA | Solid | Total BTEX | |
| 890-9794-4 | CS19 | Total/NA | Solid | Total BTEX | |
| 890-9794-5 | CS20 | Total/NA | Solid | Total BTEX | |
| 890-9794-6 | CS22 | Total/NA | Solid | Total BTEX | |
| 890-9794-7 | CS23 | Total/NA | Solid | Total BTEX | |
| 890-9794-8 | CS24 | Total/NA | Solid | Total BTEX | |
| 890-9794-9 | CS25 | Total/NA | Solid | Total BTEX | |

# QC Association Summary

Client: Ensolum
Project/Site: PLU 13 DTD East Battery

Job ID: 890-9794-1
SDG: 03C1558836

## GC Semi VOA

### Prep Batch: 138247

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9794-1 | FS02 | Total/NA | Solid | 8015NM Prep | |
| 890-9794-2 | SW01 | Total/NA | Solid | 8015NM Prep | |
| 890-9794-3 | CS18 | Total/NA | Solid | 8015NM Prep | |
| 890-9794-4 | CS19 | Total/NA | Solid | 8015NM Prep | |
| 890-9794-5 | CS20 | Total/NA | Solid | 8015NM Prep | |
| 890-9794-6 | CS22 | Total/NA | Solid | 8015NM Prep | |
| 890-9794-7 | CS23 | Total/NA | Solid | 8015NM Prep | |
| 890-9794-8 | CS24 | Total/NA | Solid | 8015NM Prep | |
| MB 880-138247/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-138247/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-138247/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-71105-A-1-I MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-71105-A-1-J MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 138248

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9794-9 | CS25 | Total/NA | Solid | 8015NM Prep | |
| MB 880-138248/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-138248/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-138248/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 890-9794-9 MS | CS25 | Total/NA | Solid | 8015NM Prep | |
| 890-9794-9 MSD | CS25 | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 138699

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9794-9 | CS25 | Total/NA | Solid | 8015B NM | 138248 |
| MB 880-138248/1-A | Method Blank | Total/NA | Solid | 8015B NM | 138248 |
| LCS 880-138248/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 138248 |
| LCSD 880-138248/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 138248 |
| 890-9794-9 MS | CS25 | Total/NA | Solid | 8015B NM | 138248 |
| 890-9794-9 MSD | CS25 | Total/NA | Solid | 8015B NM | 138248 |

### Analysis Batch: 138804

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9794-1 | FS02 | Total/NA | Solid | 8015B NM | 138247 |
| 890-9794-2 | SW01 | Total/NA | Solid | 8015B NM | 138247 |
| 890-9794-3 | CS18 | Total/NA | Solid | 8015B NM | 138247 |
| 890-9794-4 | CS19 | Total/NA | Solid | 8015B NM | 138247 |
| 890-9794-5 | CS20 | Total/NA | Solid | 8015B NM | 138247 |
| 890-9794-6 | CS22 | Total/NA | Solid | 8015B NM | 138247 |
| 890-9794-7 | CS23 | Total/NA | Solid | 8015B NM | 138247 |
| 890-9794-8 | CS24 | Total/NA | Solid | 8015B NM | 138247 |
| MB 880-138247/1-A | Method Blank | Total/NA | Solid | 8015B NM | 138247 |
| LCS 880-138247/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 138247 |
| LCSD 880-138247/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 138247 |
| 880-71105-A-1-I MS | Matrix Spike | Total/NA | Solid | 8015B NM | 138247 |
| 880-71105-A-1-J MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 138247 |

### Analysis Batch: 138871

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9794-1 | FS02 | Total/NA | Solid | 8015 NM | |

# QC Association Summary

Client: Ensolum
Project/Site: PLU 13 DTD East Battery

Job ID: 890-9794-1
SDG: 03C1558836

## GC Semi VOA (Continued)

### Analysis Batch: 138871 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9794-2 | SW01 | Total/NA | Solid | 8015 NM | |
| 890-9794-3 | CS18 | Total/NA | Solid | 8015 NM | |
| 890-9794-4 | CS19 | Total/NA | Solid | 8015 NM | |
| 890-9794-5 | CS20 | Total/NA | Solid | 8015 NM | |
| 890-9794-6 | CS22 | Total/NA | Solid | 8015 NM | |
| 890-9794-7 | CS23 | Total/NA | Solid | 8015 NM | |
| 890-9794-8 | CS24 | Total/NA | Solid | 8015 NM | |
| 890-9794-9 | CS25 | Total/NA | Solid | 8015 NM | |

## HPLC/IC

### Leach Batch: 138336

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9794-1 | FS02 | Soluble | Solid | DI Leach | |
| MB 880-138336/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-138336/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-138336/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-71151-A-2-C MS | Matrix Spike | Soluble | Solid | DI Leach | |
| 880-71151-A-2-D MSD | Matrix Spike Duplicate | Soluble | Solid | DI Leach | |

### Leach Batch: 138337

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9794-2 | SW01 | Soluble | Solid | DI Leach | |
| 890-9794-3 | CS18 | Soluble | Solid | DI Leach | |
| 890-9794-4 | CS19 | Soluble | Solid | DI Leach | |
| 890-9794-5 | CS20 | Soluble | Solid | DI Leach | |
| 890-9794-6 | CS22 | Soluble | Solid | DI Leach | |
| 890-9794-7 | CS23 | Soluble | Solid | DI Leach | |
| 890-9794-8 | CS24 | Soluble | Solid | DI Leach | |
| 890-9794-9 | CS25 | Soluble | Solid | DI Leach | |
| MB 880-138337/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-138337/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-138337/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 890-9794-2 MS | SW01 | Soluble | Solid | DI Leach | |
| 890-9794-2 MSD | SW01 | Soluble | Solid | DI Leach | |

### Analysis Batch: 138471

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9794-1 | FS02 | Soluble | Solid | 300.0 | 138336 |
| MB 880-138336/1-A | Method Blank | Soluble | Solid | 300.0 | 138336 |
| LCS 880-138336/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 138336 |
| LCSD 880-138336/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 138336 |
| 880-71151-A-2-C MS | Matrix Spike | Soluble | Solid | 300.0 | 138336 |
| 880-71151-A-2-D MSD | Matrix Spike Duplicate | Soluble | Solid | 300.0 | 138336 |

### Analysis Batch: 138477

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9794-2 | SW01 | Soluble | Solid | 300.0 | 138337 |
| 890-9794-3 | CS18 | Soluble | Solid | 300.0 | 138337 |
| 890-9794-4 | CS19 | Soluble | Solid | 300.0 | 138337 |
| 890-9794-5 | CS20 | Soluble | Solid | 300.0 | 138337 |

# QC Association Summary

Client: Ensolum
Project/Site: PLU 13 DTD East Battery

Job ID: 890-9794-1
SDG: 03C1558836

## HPLC/IC (Continued)

### Analysis Batch: 138477 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9794-6 | CS22 | Soluble | Solid | 300.0 | 138337 |
| 890-9794-7 | CS23 | Soluble | Solid | 300.0 | 138337 |
| 890-9794-8 | CS24 | Soluble | Solid | 300.0 | 138337 |
| 890-9794-9 | CS25 | Soluble | Solid | 300.0 | 138337 |
| MB 880-138337/1-A | Method Blank | Soluble | Solid | 300.0 | 138337 |
| LCS 880-138337/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 138337 |
| LCSD 880-138337/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 138337 |
| 890-9794-2 MS | SW01 | Soluble | Solid | 300.0 | 138337 |
| 890-9794-2 MSD | SW01 | Soluble | Solid | 300.0 | 138337 |

# Lab Chronicle

Client: Ensolum
Project/Site: PLU 13 DTD East Battery

Job ID: 890-9794-1
SDG: 03C1558836

## Client Sample ID: FS02

**Lab Sample ID: 890-9794-1**
**Matrix: Solid**
**Date Collected: 04/16/26 12:10**
**Date Received: 04/17/26 12:59**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.04 g | 5 mL | 138579 | 04/25/26 11:06 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 138842 | 04/26/26 20:58 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 139120 | 04/26/26 20:58 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 138871 | 04/24/26 08:37 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 138247 | 04/19/26 17:38 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 138804 | 04/24/26 08:37 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 138336 | 04/20/26 15:07 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 50 mL | 50 mL | 138471 | 04/23/26 11:23 | CS | EET MID |

## Client Sample ID: SW01

**Lab Sample ID: 890-9794-2**
**Matrix: Solid**
**Date Collected: 04/16/26 12:16**
**Date Received: 04/17/26 12:59**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 138579 | 04/25/26 11:06 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 138842 | 04/26/26 21:19 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 139120 | 04/26/26 21:19 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 138871 | 04/24/26 08:57 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 138247 | 04/19/26 17:38 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 138804 | 04/24/26 08:57 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 138337 | 04/20/26 15:09 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 50 mL | 50 mL | 138477 | 04/21/26 21:24 | CS | EET MID |

## Client Sample ID: CS18

**Lab Sample ID: 890-9794-3**
**Matrix: Solid**
**Date Collected: 04/16/26 13:15**
**Date Received: 04/17/26 12:59**

| 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 | 138579 | 04/25/26 16:09 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 138842 | 04/26/26 23:07 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 139120 | 04/26/26 23:07 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 138871 | 04/24/26 09:18 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 138247 | 04/19/26 17:38 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 138804 | 04/24/26 09:18 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 138337 | 04/20/26 15:09 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 20 | 50 mL | 50 mL | 138477 | 04/21/26 21:39 | CS | EET MID |

## Client Sample ID: CS19

**Lab Sample ID: 890-9794-4**
**Matrix: Solid**
**Date Collected: 04/16/26 13:27**
**Date Received: 04/17/26 12:59**

| 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 | 138579 | 04/25/26 16:09 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 138842 | 04/26/26 23:33 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 139120 | 04/26/26 23:33 | SA | EET MID |

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# Lab Chronicle

Client: Ensolum
Project/Site: PLU 13 DTD East Battery

Job ID: 890-9794-1
SDG: 03C1558836

## Client Sample ID: CS19

**Lab Sample ID: 890-9794-4**
**Matrix: Solid**
**Date Collected: 04/16/26 13:27**
**Date Received: 04/17/26 12:59**

| 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 | | | 138871 | 04/24/26 09:39 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 138247 | 04/19/26 17:38 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 138804 | 04/24/26 09:39 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 138337 | 04/20/26 15:09 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 20 | 50 mL | 50 mL | 138477 | 04/21/26 21:45 | CS | EET MID |

## Client Sample ID: CS20

**Lab Sample ID: 890-9794-5**
**Matrix: Solid**
**Date Collected: 04/16/26 13:19**
**Date Received: 04/17/26 12:59**

| 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 | 138579 | 04/25/26 16:09 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 138842 | 04/27/26 00:02 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 139120 | 04/27/26 00:02 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 138871 | 04/24/26 09:58 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 138247 | 04/19/26 17:38 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 138804 | 04/24/26 09:58 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 138337 | 04/20/26 15:09 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 20 | 50 mL | 50 mL | 138477 | 04/21/26 21:50 | CS | EET MID |

## Client Sample ID: CS22

**Lab Sample ID: 890-9794-6**
**Matrix: Solid**
**Date Collected: 04/16/26 13:46**
**Date Received: 04/17/26 12:59**

| 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 | 138579 | 04/25/26 16:09 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 138842 | 04/27/26 00:23 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 139120 | 04/27/26 00:23 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 138871 | 04/24/26 10:19 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 138247 | 04/19/26 17:38 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 138804 | 04/24/26 10:19 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 138337 | 04/20/26 15:09 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 50 mL | 50 mL | 138477 | 04/21/26 21:55 | CS | EET MID |

## Client Sample ID: CS23

**Lab Sample ID: 890-9794-7**
**Matrix: Solid**
**Date Collected: 04/16/26 13:48**
**Date Received: 04/17/26 12:59**

| 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 | 138579 | 04/25/26 16:09 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 138842 | 04/27/26 00:43 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 139120 | 04/27/26 00:43 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 138871 | 04/24/26 10:39 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 138247 | 04/19/26 17:38 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 138804 | 04/24/26 10:39 | SA | EET MID |

Eurofins Carlsbad

# Lab Chronicle

Client: Ensolum
Project/Site: PLU 13 DTD East Battery

Job ID: 890-9794-1
SDG: 03C1558836

## Client Sample ID: CS23

**Date Collected: 04/16/26 13:48**
**Date Received: 04/17/26 12:59**

**Lab Sample ID: 890-9794-7**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 138337 | 04/20/26 15:09 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 20 | 50 mL | 50 mL | 138477 | 04/21/26 22:11 | CS | EET MID |

## Client Sample ID: CS24

**Date Collected: 04/16/26 13:50**
**Date Received: 04/17/26 12:59**

**Lab Sample ID: 890-9794-8**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 138579 | 04/25/26 16:09 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 138842 | 04/27/26 01:04 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 139120 | 04/27/26 01:04 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 138871 | 04/24/26 11:00 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10.00 mL | 138247 | 04/19/26 17:38 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 138804 | 04/24/26 11:00 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 138337 | 04/20/26 15:09 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 50 mL | 50 mL | 138477 | 04/21/26 22:16 | CS | EET MID |

## Client Sample ID: CS25

**Date Collected: 04/16/26 13:53**
**Date Received: 04/17/26 12:59**

**Lab Sample ID: 890-9794-9**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 138579 | 04/25/26 16:09 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 138842 | 04/27/26 01:24 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 139120 | 04/27/26 01:24 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 138871 | 04/24/26 01:37 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10.00 mL | 138248 | 04/19/26 17:42 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 138699 | 04/24/26 01:37 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 138337 | 04/20/26 15:09 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 50 mL | 50 mL | 138477 | 04/21/26 22:21 | CS | EET MID |

**Laboratory References:**

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

# Accreditation/Certification Summary

Client: Ensolum
Project/Site: PLU 13 DTD East Battery

Job ID: 890-9794-1
SDG: 03C1558836

## 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: PLU 13 DTD East Battery

Job ID: 890-9794-1
SDG: 03C1558836

| 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: PLU 13 DTD East Battery

Job ID: 890-9794-1
SDG: 03C1558836

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Depth |
|---|---|---|---|---|---|
| 890-9794-1 | FS02 | Solid | 04/16/26 12:10 | 04/17/26 12:59 | 0.5 |
| 890-9794-2 | SW01 | Solid | 04/16/26 12:16 | 04/17/26 12:59 | 0.5 |
| 890-9794-3 | CS18 | Solid | 04/16/26 13:15 | 04/17/26 12:59 | SURFACE |
| 890-9794-4 | CS19 | Solid | 04/16/26 13:27 | 04/17/26 12:59 | SURFACE |
| 890-9794-5 | CS20 | Solid | 04/16/26 13:19 | 04/17/26 12:59 | SURFACE |
| 890-9794-6 | CS22 | Solid | 04/16/26 13:46 | 04/17/26 12:59 | SURFACE |
| 890-9794-7 | CS23 | Solid | 04/16/26 13:48 | 04/17/26 12:59 | SURFACE |
| 890-9794-8 | CS24 | Solid | 04/16/26 13:50 | 04/17/26 12:59 | SURFACE |
| 890-9794-9 | CS25 | Solid | 04/16/26 13:53 | 04/17/26 12:59 | SURFACE |

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# Chain of Custody

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

Wor 890-9794 Chain of Custody

www.xenco.com Page 1 of 1

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

**Work Order Comments**

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

| | | | |
|---|---|---|---|
| Project Name: | PLU 13 DTD East Battery | Turn Around | ☒ Routine ☐ Rush |
| Project Number: | 03C1558836 | Due Date: | |
| Project Location: | 32.205854, -103.830370 | TAT starts the day received by the lab, if received by 4:30pm | |
| Sampler's Name: | Trevor Wargo | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank: | Yes No | Wet Ice: | Yes No | |
| Samples Received Intact: | Yes No | Thermometer ID: | TMorrison | |
| Cooler Custody Seals: | Yes No N/A | Correction Factor: | -0.2 | |
| Sample Custody Seals: | Yes No N/A | Temperature Reading: | 1.0 | |
| Total Containers: | | Corrected Temperature: | 0.8 | |

**Preservative Codes**

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

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | TPH 8015 | BTEX 8021 | Chloride 300 | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| FS02 | Soil | 4/16/26 | 12:10 | 0.5 | C | 1 | | | | |
| SW01 | | | 12:16 | 0-0.5 | | | | | | |
| CS18 | | | 13:15 | Surface | | | | | | |
| CS19 | | | 13:17 | | | | | | | |
| CS20 | | | 13:19 | | | | | | | |
| CS22 | | | 13:46 | | | | | | | |
| CS23 | | | 13:48 | | | | | | | |
| CS24 | | | 13:50 | | | | | | | |
| CS25 | | | 13:53 | | | | | | | TBW |

Circle Method(s) and Metal(s) to be analyzed

8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn

**TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471



| | Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|---|
| 1 | Trevor Wargo | | 12:59 4/17 | 2 | | |
| 3 | | | | 4 | | |
| 5 | | | | 6 | | |

Revised Date: 08/25/2020 Rev. 2020.2

Incident #: nAPP2605137503
Cost Center: 2191721001
GFCM: 48605000

CC: twargo@ensolum.com, KThomason@ensolum.com, Dale and Richard XTO.

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

# Chain of Custody Record

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| Client Information (Sub Contract Lab) | Sampler: N/A | Lab PM: Kramer, Jessica | Carrier Tracking No(s): N/A | COC No: 890-6820.1 |
|---|---|---|---|---|
| Client Contact: Shipping/Receiving | Phone: N/A | E-Mail: Jessica.Kramer@et.eurofinsus.com | State of Origin: New Mexico | Page: Page 1 of 1 |
| Company: Eurofins Environment Testing South Centr | | Accreditations Required (See note): NELAP - Texas | | Job #: 890-9794-1 |
| Address: 1211 W. Florida Ave, , | Due Date Requested: 4/23/2026 | | | Preservation Codes: - |
| City: Midland | TAT Requested (days): N/A | | | |
| State, Zip: TX, 79701 | | | | |
| Phone: 432-704-5440(Tel) | PO #: N/A | | | |
| Email: N/A | WO #: N/A | | | |
| Project Name: plu 13 dtd east battery | Project #: 89000110 | | | |
| Site: N/A | SSOW#: N/A | | | Other: N/A |

| Sample Identification - Client ID (Lab ID) | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015MOD_NM/8015NM_S_Prep(MOD) Full TPH | 8015MOD_Calc | 300_ORGFM_28D/DI_LEACHChloride | 8021B/5035FP_Calc(MOD) BTEX | Total_BTEX_GCV | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | | | | | | | |
| FS02 (890-9794-1) | 4/16/26 | 12:10 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| SW01 (890-9794-2) | 4/16/26 | 12:16 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| CS18 (890-9794-3) | 4/16/26 | 13:15 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| CS19 (890-9794-4) | 4/16/26 | 13:27 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| CS20 (890-9794-5) | 4/16/26 | 13:19 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| CS22 (890-9794-6) | 4/16/26 | 13:46 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| CS23 (890-9794-7) | 4/16/26 | 13:48 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| CS24 (890-9794-8) | 4/16/26 | 13:50 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| CS25 (890-9794-9) | 4/16/26 | 13:53 Mountain | G | Solid | | | X | X | X | X | X | 1 | |

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

| Possible Hazard Identification | Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month) |
|---|---|
| Unconfirmed | ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months |
| Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2 | Special Instructions/QC Requirements: |

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|
| | | | Sul | 4-20-26 800 | |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |

| Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: |
|---|---|---|

Ver: 10/10/2024

# Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9794-1
SDG Number: 03C1558836

**Login Number: 9794**
**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: 890-9794-1
SDG Number: 03C1558836

**Login Number: 9794**
**List Number: 2**
**Creator: Laing, Edmundo**

**List Source: Eurofins Midland**
**List Creation: 04/19/26 03:38 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 | |

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# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 4/29/2026 2:03:40 PM

## JOB DESCRIPTION

PLU 13 DTD EAST Battery
03C1558836

## JOB NUMBER

890-9795-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.





my EOL

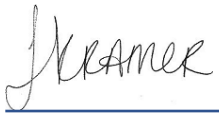
# Eurofins Carlsbad

## Job Notes

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

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

## Authorization



Generated
4/29/2026 2:03:40 PM

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

Client: Ensolum
Project/Site: PLU 13 DTD EAST Battery

Laboratory Job ID: 890-9795-1
SDG: 03C1558836

# Table of Contents

# Definitions/Glossary

Client: Ensolum Job ID: 890-9795-1
Project/Site: PLU 13 DTD EAST Battery SDG: 03C1558836

## Qualifiers

### GC VOA

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

### GC Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| *1 | LCS/LCSD RPD exceeds control limits. |
| F1 | MS and/or MSD recovery exceeds control limits. |
| F2 | MS/MSD RPD exceeds control limits |
| S1- | Surrogate recovery exceeds control limits, low biased. |
| U | Indicates the analyte was analyzed for but not detected. |

### HPLC/IC

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

## Glossary

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

# Case Narrative

Client: Ensolum Job ID: 890-9795-1
Project: PLU 13 DTD EAST Battery

## Job ID: 890-9795-1 Eurofins Carlsbad

**Job Narrative**
**890-9795-1**

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 4/17/2026 12:59 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 0.8°C.

**Receipt Exceptions**
The following samples were received and analyzed from an unpreserved bulk soil jar: FS01 (890-9795-1), CS21 (890-9795-2), CS26 (890-9795-3), CS27 (890-9795-4), CS28 (890-9795-5), CS29 (890-9795-6), CS30 (890-9795-7), CS31 (890-9795-8) and CS32 (890-9795-9).

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

**Diesel Range Organics**
Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-138248 and analytical batch 880-138699 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-138248 and analytical batch 880-138699 was outside control limits. Sample matrix interference and/or non-homogeneity is suspected.

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

**HPLC/IC**
Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-138337 and analytical batch 880-138477 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.

# Client Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD EAST Battery

Job ID: 890-9795-1
SDG: 03C1558836

## Client Sample ID: FS01

**Lab Sample ID: 890-9795-1**
**Matrix: Solid**
**Date Collected: 04/17/26 08:47**
**Date Received: 04/17/26 12:59**
**Sample Depth: 0.5**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 20:30 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 20:30 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 20:30 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 20:30 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 20:30 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 20:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *107* | | *70 - 130* | *04/28/26 12:33* | *04/28/26 20:30* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *04/28/26 12:33* | *04/28/26 20:30* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 04/28/26 20:30 | 1 |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Total TPH** | **193** | | 50.1 | | mg/Kg | | | 04/24/26 02:22 | 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 | <50.1 | U | 50.1 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 02:22 | 1 |
| **Diesel Range Organics (Over C10-C28)** | **193** | ***1** | 50.1 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 02:22 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 02:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *106* | | *70 - 130* | *04/19/26 17:42* | *04/24/26 02:22* | *1* |
| *o-Terphenyl* | *94* | | *70 - 130* | *04/19/26 17:42* | *04/24/26 02:22* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2970** | | 49.8 | | mg/Kg | | | 04/21/26 22:26 | 5 |

## Client Sample ID: CS21

**Lab Sample ID: 890-9795-2**
**Matrix: Solid**
**Date Collected: 04/17/26 09:41**
**Date Received: 04/17/26 12:59**
**Sample Depth: SURFACE**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 20:51 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 20:51 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 20:51 | 1 |
| m-Xylene & p-Xylene | <0.00404 | U | 0.00404 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 20:51 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 20:51 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 20:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* | *04/28/26 12:33* | *04/28/26 20:51* | *1* |

# Client Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD EAST Battery

Job ID: 890-9795-1
SDG: 03C1558836

## Client Sample ID: CS21

**Lab Sample ID: 890-9795-2**
**Matrix: Solid**
**Date Collected: 04/17/26 09:41**
**Date Received: 04/17/26 12:59**
**Sample Depth: SURFACE**

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

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,4-Difluorobenzene (Surr)* | *95* | | *70 - 130* | *04/28/26 12:33* | *04/28/26 20:51* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00404 | U | 0.00404 | mg/Kg | | | 04/28/26 20:51 | 1 |

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | mg/Kg | | | 04/24/26 02:37 | 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 | <50.3 | U | 50.3 | mg/Kg | | 04/19/26 17:42 | 04/24/26 02:37 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U *1 | 50.3 | mg/Kg | | 04/19/26 17:42 | 04/24/26 02:37 | 1 |
| Oil Range Organics (Over C28-C36) | <50.3 | U | 50.3 | mg/Kg | | 04/19/26 17:42 | 04/24/26 02:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *73* | | *70 - 130* | *04/19/26 17:42* | *04/24/26 02:37* | *1* |
| *o-Terphenyl* | *95* | | *70 - 130* | *04/19/26 17:42* | *04/24/26 02:37* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| **Chloride** | **5490** | | 100 | mg/Kg | | | 04/21/26 22:32 | 10 |

## Client Sample ID: CS26

**Lab Sample ID: 890-9795-3**
**Matrix: Solid**
**Date Collected: 04/17/26 09:44**
**Date Received: 04/17/26 12:59**
**Sample Depth: SURFACE**

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | mg/Kg | | 04/28/26 12:33 | 04/28/26 21:12 | 1 |
| Toluene | <0.00201 | U | 0.00201 | mg/Kg | | 04/28/26 12:33 | 04/28/26 21:12 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | mg/Kg | | 04/28/26 12:33 | 04/28/26 21:12 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | mg/Kg | | 04/28/26 12:33 | 04/28/26 21:12 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | mg/Kg | | 04/28/26 12:33 | 04/28/26 21:12 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | mg/Kg | | 04/28/26 12:33 | 04/28/26 21:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *105* | | *70 - 130* | *04/28/26 12:33* | *04/28/26 21:12* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *04/28/26 12:33* | *04/28/26 21:12* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | mg/Kg | | | 04/28/26 21:12 | 1 |

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| **Total TPH** | **73.5** | | 50.4 | mg/Kg | | | 04/24/26 02:53 | 1 |

# Client Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD EAST Battery

Job ID: 890-9795-1
SDG: 03C1558836

## Client Sample ID: CS26

**Lab Sample ID: 890-9795-3**
**Matrix: Solid**
**Date Collected: 04/17/26 09:44**
**Date Received: 04/17/26 12:59**
**Sample Depth: SURFACE**

### 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 | <50.4 | U | 50.4 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 02:53 | 1 |
| **Diesel Range Organics (Over C10-C28)** | **73.5** | ***1** | 50.4 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 02:53 | 1 |
| Oil Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 02:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *117* | | *70 - 130* | *04/19/26 17:42* | *04/24/26 02:53* | *1* |
| *o-Terphenyl* | *93* | | *70 - 130* | *04/19/26 17:42* | *04/24/26 02:53* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **10500** | **F1** | 199 | | mg/Kg | | | 04/21/26 22:37 | 20 |

## Client Sample ID: CS27

**Lab Sample ID: 890-9795-4**
**Matrix: Solid**
**Date Collected: 04/17/26 09:47**
**Date Received: 04/17/26 12:59**
**Sample Depth: SURFACE**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 21:33 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 21:33 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 21:33 | 1 |
| m-Xylene & p-Xylene | <0.00404 | U | 0.00404 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 21:33 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 21:33 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 21:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *70 - 130* | *04/28/26 12:33* | *04/28/26 21:33* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *04/28/26 12:33* | *04/28/26 21:33* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 04/28/26 21:33 | 1 |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 04/24/26 03:08 | 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 | <50.1 | U | 50.1 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 03:08 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U *1 | 50.1 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 03:08 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 03:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *96* | | *70 - 130* | *04/19/26 17:42* | *04/24/26 03:08* | *1* |
| *o-Terphenyl* | *88* | | *70 - 130* | *04/19/26 17:42* | *04/24/26 03:08* | *1* |

# Client Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD EAST Battery

Job ID: 890-9795-1
SDG: 03C1558836

## Client Sample ID: CS27

**Lab Sample ID: 890-9795-4**
**Matrix: Solid**
**Date Collected: 04/17/26 09:47**
**Date Received: 04/17/26 12:59**
**Sample Depth: SURFACE**

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 10300 | | 198 | | mg/Kg | | | 04/21/26 22:53 | 20 |

## Client Sample ID: CS28

**Lab Sample ID: 890-9795-5**
**Matrix: Solid**
**Date Collected: 04/17/26 09:50**
**Date Received: 04/17/26 12:59**
**Sample Depth: SURFACE**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 21:53 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 21:53 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 21:53 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 21:53 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 21:53 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 21:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *105* | | *70 - 130* | *04/28/26 12:33* | *04/28/26 21:53* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *04/28/26 12:33* | *04/28/26 21:53* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 04/28/26 21:53 | 1 |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 04/24/26 03:23 | 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 | <50.0 | U | 50.0 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 03:23 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U *1 | 50.0 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 03:23 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 03:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *96* | | *70 - 130* | *04/19/26 17:42* | *04/24/26 03:23* | *1* |
| *o-Terphenyl* | *74* | | *70 - 130* | *04/19/26 17:42* | *04/24/26 03:23* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 4770 | | 99.8 | | mg/Kg | | | 04/21/26 22:58 | 10 |

# Client Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD EAST Battery

Job ID: 890-9795-1
SDG: 03C1558836

## Client Sample ID: CS29

**Lab Sample ID: 890-9795-6**
**Matrix: Solid**
**Date Collected: 04/17/26 10:15**
**Date Received: 04/17/26 12:59**
**Sample Depth: SURFACE**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 22:14 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 22:14 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 22:14 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 22:14 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 22:14 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 22:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *70 - 130* | *04/28/26 12:33* | *04/28/26 22:14* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *04/28/26 12:33* | *04/28/26 22:14* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | | 04/28/26 22:14 | 1 |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 04/24/26 03:38 | 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 | | 04/19/26 17:42 | 04/24/26 03:38 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U *1 | 50.0 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 03:38 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 03:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *76* | | *70 - 130* | *04/19/26 17:42* | *04/24/26 03:38* | *1* |
| *o-Terphenyl* | *57* | *S1-* | *70 - 130* | *04/19/26 17:42* | *04/24/26 03:38* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **9490** | | 99.2 | | mg/Kg | | | 04/21/26 23:14 | 10 |

## Client Sample ID: CS30

**Lab Sample ID: 890-9795-7**
**Matrix: Solid**
**Date Collected: 04/17/26 10:17**
**Date Received: 04/17/26 12:59**
**Sample Depth: SURFACE**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 22:35 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 22:35 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 22:35 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 22:35 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 22:35 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 22:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *105* | | *70 - 130* | *04/28/26 12:33* | *04/28/26 22:35* | *1* |

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# Client Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD EAST Battery

Job ID: 890-9795-1
SDG: 03C1558836

## Client Sample ID: CS30

**Lab Sample ID: 890-9795-7**
**Matrix: Solid**
**Date Collected: 04/17/26 10:17**
**Date Received: 04/17/26 12:59**
**Sample Depth: SURFACE**

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

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,4-Difluorobenzene (Surr)* | *91* | | *70 - 130* | *04/28/26 12:33* | *04/28/26 22:35* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | mg/Kg | | | 04/28/26 22:35 | 1 |

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | mg/Kg | | | 04/24/26 03:53 | 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 | | 04/19/26 17:42 | 04/24/26 03:53 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U *1 | 49.9 | mg/Kg | | 04/19/26 17:42 | 04/24/26 03:53 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | mg/Kg | | 04/19/26 17:42 | 04/24/26 03:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *101* | | *70 - 130* | *04/19/26 17:42* | *04/24/26 03:53* | *1* |
| *o-Terphenyl* | *84* | | *70 - 130* | *04/19/26 17:42* | *04/24/26 03:53* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| **Chloride** | **6840** | | 100 | mg/Kg | | | 04/21/26 23:19 | 10 |

## Client Sample ID: CS31

**Lab Sample ID: 890-9795-8**
**Matrix: Solid**
**Date Collected: 04/17/26 10:20**
**Date Received: 04/17/26 12:59**
**Sample Depth: SURFACE**

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | mg/Kg | | 04/28/26 12:33 | 04/28/26 22:55 | 1 |
| Toluene | <0.00201 | U | 0.00201 | mg/Kg | | 04/28/26 12:33 | 04/28/26 22:55 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | mg/Kg | | 04/28/26 12:33 | 04/28/26 22:55 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | mg/Kg | | 04/28/26 12:33 | 04/28/26 22:55 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | mg/Kg | | 04/28/26 12:33 | 04/28/26 22:55 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | mg/Kg | | 04/28/26 12:33 | 04/28/26 22:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *70 - 130* | *04/28/26 12:33* | *04/28/26 22:55* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *04/28/26 12:33* | *04/28/26 22:55* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | mg/Kg | | | 04/28/26 22:55 | 1 |

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | mg/Kg | | | 04/24/26 04:09 | 1 |

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# Client Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD EAST Battery

Job ID: 890-9795-1
SDG: 03C1558836

## Client Sample ID: CS31

**Lab Sample ID: 890-9795-8**
**Matrix: Solid**
**Date Collected: 04/17/26 10:20**
**Date Received: 04/17/26 12:59**
**Sample Depth: SURFACE**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 04:09 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U *1 | 49.8 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 04:09 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 04:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *104* | | *70 - 130* | *04/19/26 17:42* | *04/24/26 04:09* | *1* |
| *o-Terphenyl* | *73* | | *70 - 130* | *04/19/26 17:42* | *04/24/26 04:09* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **3620** | | 49.6 | | mg/Kg | | | 04/21/26 23:24 | 5 |

## Client Sample ID: CS32

**Lab Sample ID: 890-9795-9**
**Matrix: Solid**
**Date Collected: 04/17/26 10:24**
**Date Received: 04/17/26 12:59**
**Sample Depth: SURFACE**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 23:16 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 23:16 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 23:16 | 1 |
| m-Xylene & p-Xylene | <0.00404 | U | 0.00404 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 23:16 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 23:16 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 23:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *107* | | *70 - 130* | *04/28/26 12:33* | *04/28/26 23:16* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *04/28/26 12:33* | *04/28/26 23:16* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 04/28/26 23:16 | 1 |

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 04/24/26 04:24 | 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 | | 04/19/26 17:42 | 04/24/26 04:24 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U *1 | 49.9 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 04:24 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 04:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *107* | | *70 - 130* | *04/19/26 17:42* | *04/24/26 04:24* | *1* |
| *o-Terphenyl* | *78* | | *70 - 130* | *04/19/26 17:42* | *04/24/26 04:24* | *1* |

# Client Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD EAST Battery

Job ID: 890-9795-1
SDG: 03C1558836

**Client Sample ID: CS32**
**Date Collected: 04/17/26 10:24**
**Date Received: 04/17/26 12:59**
**Sample Depth: SURFACE**

**Lab Sample ID: 890-9795-9**
**Matrix: Solid**

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 3580 | | 99.6 | | mg/Kg | | | 04/21/26 23:29 | 10 |

# Surrogate Summary

Client: Ensolum
Project/Site: PLU 13 DTD EAST Battery

Job ID: 890-9795-1
SDG: 03C1558836

## 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) |
| 880-71535-A-1-E MS | Matrix Spike | 95 | 93 |
| 880-71535-A-1-F MSD | Matrix Spike Duplicate | 103 | 100 |
| 890-9795-1 | FS01 | 107 | 101 |
| 890-9795-2 | CS21 | 102 | 95 |
| 890-9795-3 | CS26 | 105 | 97 |
| 890-9795-4 | CS27 | 103 | 97 |
| 890-9795-5 | CS28 | 105 | 97 |
| 890-9795-6 | CS29 | 101 | 96 |
| 890-9795-7 | CS30 | 105 | 91 |
| 890-9795-8 | CS31 | 103 | 98 |
| 890-9795-9 | CS32 | 107 | 97 |
| LCS 880-139240/1-A | Lab Control Sample | 100 | 95 |
| LCSD 880-139240/2-A | Lab Control Sample Dup | 107 | 100 |
| MB 880-139240/5-A | Method Blank | 105 | 99 |

**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) |
| 890-9794-A-9-B MS | Matrix Spike | 87 | 101 |
| 890-9794-A-9-C MSD | Matrix Spike Duplicate | 99 | 99 |
| 890-9795-1 | FS01 | 106 | 94 |
| 890-9795-2 | CS21 | 73 | 95 |
| 890-9795-3 | CS26 | 117 | 93 |
| 890-9795-4 | CS27 | 96 | 88 |
| 890-9795-5 | CS28 | 96 | 74 |
| 890-9795-6 | CS29 | 76 | 57 S1- |
| 890-9795-7 | CS30 | 101 | 84 |
| 890-9795-8 | CS31 | 104 | 73 |
| 890-9795-9 | CS32 | 107 | 78 |
| LCS 880-138248/2-A | Lab Control Sample | 100 | 93 |
| LCSD 880-138248/3-A | Lab Control Sample Dup | 83 | 68 S1- |
| MB 880-138248/1-A | Method Blank | 112 | 79 |

**Surrogate Legend**

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

# QC Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD EAST Battery

Job ID: 890-9795-1
SDG: 03C1558836

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

**Lab Sample ID: MB 880-139240/5-A**
**Matrix: Solid**
**Analysis Batch: 139241**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 139240**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 15:17 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 15:17 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 15:17 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 15:17 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 15:17 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 04/28/26 12:33 | 04/28/26 15:17 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *105* | | *70 - 130* | *04/28/26 12:33* | *04/28/26 15:17* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *04/28/26 12:33* | *04/28/26 15:17* | *1* |

**Lab Sample ID: LCS 880-139240/1-A**
**Matrix: Solid**
**Analysis Batch: 139241**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 139240**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1132 | | mg/Kg | | 113 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.1092 | | mg/Kg | | 109 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.1068 | | mg/Kg | | 107 | 70 - 130 | | |
| m-Xylene & p-Xylene | | | 0.200 | 0.2143 | | mg/Kg | | 107 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1083 | | mg/Kg | | 108 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *95* | | *70 - 130* |

**Lab Sample ID: LCSD 880-139240/2-A**
**Matrix: Solid**
**Analysis Batch: 139241**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 139240**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1034 | | mg/Kg | | 103 | 70 - 130 | 9 | 35 |
| Toluene | | | 0.100 | 0.1007 | | mg/Kg | | 101 | 70 - 130 | 8 | 35 |
| Ethylbenzene | | | 0.100 | 0.09628 | | mg/Kg | | 96 | 70 - 130 | 10 | 35 |
| m-Xylene & p-Xylene | | | 0.200 | 0.1936 | | mg/Kg | | 97 | 70 - 130 | 10 | 35 |
| o-Xylene | | | 0.100 | 0.1001 | | mg/Kg | | 100 | 70 - 130 | 8 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *107* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* |

**Lab Sample ID: 880-71535-A-1-E MS**
**Matrix: Solid**
**Analysis Batch: 139241**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 139240**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.1045 | | mg/Kg | | 105 | 70 - 130 | | |
| Toluene | <0.00200 | U | 0.100 | 0.1002 | | mg/Kg | | 100 | 70 - 130 | | |

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# QC Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD EAST Battery

Job ID: 890-9795-1
SDG: 03C1558836

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

**Lab Sample ID: 880-71535-A-1-E MS**
**Matrix: Solid**
**Analysis Batch: 139241**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 139240**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | 0.00209 | | 0.100 | 0.09677 | | mg/Kg | | 95 | 70 - 130 |
| m-Xylene & p-Xylene | 0.00435 | | 0.200 | 0.1983 | | mg/Kg | | 97 | 70 - 130 |
| o-Xylene | 0.00215 | | 0.100 | 0.09854 | | mg/Kg | | 96 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *93* | | *70 - 130* |

**Lab Sample ID: 880-71535-A-1-F MSD**
**Matrix: Solid**
**Analysis Batch: 139241**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 139240**

| 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 | 0.1022 | | mg/Kg | | 102 | 70 - 130 | 2 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.09859 | | mg/Kg | | 99 | 70 - 130 | 2 | 35 |
| Ethylbenzene | 0.00209 | | 0.100 | 0.09301 | | mg/Kg | | 91 | 70 - 130 | 4 | 35 |
| m-Xylene & p-Xylene | 0.00435 | | 0.200 | 0.1918 | | mg/Kg | | 94 | 70 - 130 | 3 | 35 |
| o-Xylene | 0.00215 | | 0.100 | 0.09685 | | mg/Kg | | 95 | 70 - 130 | 2 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* |

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

**Lab Sample ID: MB 880-138248/1-A**
**Matrix: Solid**
**Analysis Batch: 138699**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 138248**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 00:51 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 00:51 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 04/19/26 17:42 | 04/24/26 00:51 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane* | *112* | | *70 - 130* | *04/19/26 17:42* | *04/24/26 00:51* | *1* |
| *o-Terphenyl* | *79* | | *70 - 130* | *04/19/26 17:42* | *04/24/26 00:51* | *1* |

**Lab Sample ID: LCS 880-138248/2-A**
**Matrix: Solid**
**Analysis Batch: 138699**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 138248**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1117 | | mg/Kg | | 112 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1161 | | mg/Kg | | 116 | 70 - 130 |

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# QC Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD EAST Battery

Job ID: 890-9795-1
SDG: 03C1558836

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

**Lab Sample ID: LCS 880-138248/2-A**
**Matrix: Solid**
**Analysis Batch: 138699**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 138248**

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane | 100 | | 70 - 130 |
| o-Terphenyl | 93 | | 70 - 130 |

**Lab Sample ID: LCSD 880-138248/3-A**
**Matrix: Solid**
**Analysis Batch: 138699**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 138248**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1184 | | mg/Kg | | 118 | 70 - 130 | 6 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 878.9 | *1 | mg/Kg | | 88 | 70 - 130 | 28 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane | 83 | | 70 - 130 |
| o-Terphenyl | 68 | S1- | 70 - 130 |

**Lab Sample ID: 890-9794-A-9-B MS**
**Matrix: Solid**
**Analysis Batch: 138699**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 138248**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U F2 F1 | 1000 | 1464 | F1 | mg/Kg | | 142 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 939 | *1 | 1000 | 1802 | | mg/Kg | | 86 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane | 87 | | 70 - 130 |
| o-Terphenyl | 101 | | 70 - 130 |

**Lab Sample ID: 890-9794-A-9-C MSD**
**Matrix: Solid**
**Analysis Batch: 138699**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 138248**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U F2 F1 | 1000 | 1810 | F1 F2 | mg/Kg | | 176 | 70 - 130 | 21 | 20 |
| Diesel Range Organics (Over C10-C28) | 939 | *1 | 1000 | 1836 | | mg/Kg | | 90 | 70 - 130 | 2 | 20 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane | 99 | | 70 - 130 |
| o-Terphenyl | 99 | | 70 - 130 |

# QC Sample Results

Client: Ensolum
Project/Site: PLU 13 DTD EAST Battery

Job ID: 890-9795-1
SDG: 03C1558836

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-138337/1-A**
**Matrix: Solid**
**Analysis Batch: 138477**

**Client Sample ID: Method Blank**
**Prep Type: Soluble**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 04/21/26 21:08 | 1 |

**Lab Sample ID: LCS 880-138337/2-A**
**Matrix: Solid**
**Analysis Batch: 138477**

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

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 246.9 | | mg/Kg | | 99 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-138337/3-A**
**Matrix: Solid**
**Analysis Batch: 138477**

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

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 234.9 | | mg/Kg | | 94 | 90 - 110 | 5 | 20 |

**Lab Sample ID: 890-9795-3 MS**
**Matrix: Solid**
**Analysis Batch: 138477**

**Client Sample ID: CS26**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 10500 | F1 | 4970 | 16890 | F1 | mg/Kg | | 129 | 90 - 110 | | |

**Lab Sample ID: 890-9795-3 MSD**
**Matrix: Solid**
**Analysis Batch: 138477**

**Client Sample ID: CS26**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 10500 | F1 | 4970 | 16710 | F1 | mg/Kg | | 126 | 90 - 110 | 1 | 20 |

# QC Association Summary

Client: Ensolum
Project/Site: PLU 13 DTD EAST Battery

Job ID: 890-9795-1
SDG: 03C1558836

## GC VOA

### Prep Batch: 139240

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9795-1 | FS01 | Total/NA | Solid | 5035 | |
| 890-9795-2 | CS21 | Total/NA | Solid | 5035 | |
| 890-9795-3 | CS26 | Total/NA | Solid | 5035 | |
| 890-9795-4 | CS27 | Total/NA | Solid | 5035 | |
| 890-9795-5 | CS28 | Total/NA | Solid | 5035 | |
| 890-9795-6 | CS29 | Total/NA | Solid | 5035 | |
| 890-9795-7 | CS30 | Total/NA | Solid | 5035 | |
| 890-9795-8 | CS31 | Total/NA | Solid | 5035 | |
| 890-9795-9 | CS32 | Total/NA | Solid | 5035 | |
| MB 880-139240/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-139240/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-139240/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-71535-A-1-E MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 880-71535-A-1-F MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

### Analysis Batch: 139241

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9795-1 | FS01 | Total/NA | Solid | 8021B | 139240 |
| 890-9795-2 | CS21 | Total/NA | Solid | 8021B | 139240 |
| 890-9795-3 | CS26 | Total/NA | Solid | 8021B | 139240 |
| 890-9795-4 | CS27 | Total/NA | Solid | 8021B | 139240 |
| 890-9795-5 | CS28 | Total/NA | Solid | 8021B | 139240 |
| 890-9795-6 | CS29 | Total/NA | Solid | 8021B | 139240 |
| 890-9795-7 | CS30 | Total/NA | Solid | 8021B | 139240 |
| 890-9795-8 | CS31 | Total/NA | Solid | 8021B | 139240 |
| 890-9795-9 | CS32 | Total/NA | Solid | 8021B | 139240 |
| MB 880-139240/5-A | Method Blank | Total/NA | Solid | 8021B | 139240 |
| LCS 880-139240/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 139240 |
| LCSD 880-139240/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 139240 |
| 880-71535-A-1-E MS | Matrix Spike | Total/NA | Solid | 8021B | 139240 |
| 880-71535-A-1-F MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 139240 |

### Analysis Batch: 139384

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9795-1 | FS01 | Total/NA | Solid | Total BTEX | |
| 890-9795-2 | CS21 | Total/NA | Solid | Total BTEX | |
| 890-9795-3 | CS26 | Total/NA | Solid | Total BTEX | |
| 890-9795-4 | CS27 | Total/NA | Solid | Total BTEX | |
| 890-9795-5 | CS28 | Total/NA | Solid | Total BTEX | |
| 890-9795-6 | CS29 | Total/NA | Solid | Total BTEX | |
| 890-9795-7 | CS30 | Total/NA | Solid | Total BTEX | |
| 890-9795-8 | CS31 | Total/NA | Solid | Total BTEX | |
| 890-9795-9 | CS32 | Total/NA | Solid | Total BTEX | |

## GC Semi VOA

### Prep Batch: 138248

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9795-1 | FS01 | Total/NA | Solid | 8015NM Prep | |
| 890-9795-2 | CS21 | Total/NA | Solid | 8015NM Prep | |
| 890-9795-3 | CS26 | Total/NA | Solid | 8015NM Prep | |

# QC Association Summary

Client: Ensolum
Project/Site: PLU 13 DTD EAST Battery

Job ID: 890-9795-1
SDG: 03C1558836

## GC Semi VOA (Continued)

### Prep Batch: 138248 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9795-4 | CS27 | Total/NA | Solid | 8015NM Prep | |
| 890-9795-5 | CS28 | Total/NA | Solid | 8015NM Prep | |
| 890-9795-6 | CS29 | Total/NA | Solid | 8015NM Prep | |
| 890-9795-7 | CS30 | Total/NA | Solid | 8015NM Prep | |
| 890-9795-8 | CS31 | Total/NA | Solid | 8015NM Prep | |
| 890-9795-9 | CS32 | Total/NA | Solid | 8015NM Prep | |
| MB 880-138248/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-138248/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-138248/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 890-9794-A-9-B MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 890-9794-A-9-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 138699

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9795-1 | FS01 | Total/NA | Solid | 8015B NM | 138248 |
| 890-9795-2 | CS21 | Total/NA | Solid | 8015B NM | 138248 |
| 890-9795-3 | CS26 | Total/NA | Solid | 8015B NM | 138248 |
| 890-9795-4 | CS27 | Total/NA | Solid | 8015B NM | 138248 |
| 890-9795-5 | CS28 | Total/NA | Solid | 8015B NM | 138248 |
| 890-9795-6 | CS29 | Total/NA | Solid | 8015B NM | 138248 |
| 890-9795-7 | CS30 | Total/NA | Solid | 8015B NM | 138248 |
| 890-9795-8 | CS31 | Total/NA | Solid | 8015B NM | 138248 |
| 890-9795-9 | CS32 | Total/NA | Solid | 8015B NM | 138248 |
| MB 880-138248/1-A | Method Blank | Total/NA | Solid | 8015B NM | 138248 |
| LCS 880-138248/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 138248 |
| LCSD 880-138248/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 138248 |
| 890-9794-A-9-B MS | Matrix Spike | Total/NA | Solid | 8015B NM | 138248 |
| 890-9794-A-9-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 138248 |

### Analysis Batch: 138872

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9795-1 | FS01 | Total/NA | Solid | 8015 NM | |
| 890-9795-2 | CS21 | Total/NA | Solid | 8015 NM | |
| 890-9795-3 | CS26 | Total/NA | Solid | 8015 NM | |
| 890-9795-4 | CS27 | Total/NA | Solid | 8015 NM | |
| 890-9795-5 | CS28 | Total/NA | Solid | 8015 NM | |
| 890-9795-6 | CS29 | Total/NA | Solid | 8015 NM | |
| 890-9795-7 | CS30 | Total/NA | Solid | 8015 NM | |
| 890-9795-8 | CS31 | Total/NA | Solid | 8015 NM | |
| 890-9795-9 | CS32 | Total/NA | Solid | 8015 NM | |

## HPLC/IC

### Leach Batch: 138337

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9795-1 | FS01 | Soluble | Solid | DI Leach | |
| 890-9795-2 | CS21 | Soluble | Solid | DI Leach | |
| 890-9795-3 | CS26 | Soluble | Solid | DI Leach | |
| 890-9795-4 | CS27 | Soluble | Solid | DI Leach | |
| 890-9795-5 | CS28 | Soluble | Solid | DI Leach | |
| 890-9795-6 | CS29 | Soluble | Solid | DI Leach | |

# QC Association Summary

Client: Ensolum
Project/Site: PLU 13 DTD EAST Battery

Job ID: 890-9795-1
SDG: 03C1558836

## HPLC/IC (Continued)

### Leach Batch: 138337 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9795-7 | CS30 | Soluble | Solid | DI Leach | |
| 890-9795-8 | CS31 | Soluble | Solid | DI Leach | |
| 890-9795-9 | CS32 | Soluble | Solid | DI Leach | |
| MB 880-138337/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-138337/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-138337/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 890-9795-3 MS | CS26 | Soluble | Solid | DI Leach | |
| 890-9795-3 MSD | CS26 | Soluble | Solid | DI Leach | |

### Analysis Batch: 138477

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9795-1 | FS01 | Soluble | Solid | 300.0 | 138337 |
| 890-9795-2 | CS21 | Soluble | Solid | 300.0 | 138337 |
| 890-9795-3 | CS26 | Soluble | Solid | 300.0 | 138337 |
| 890-9795-4 | CS27 | Soluble | Solid | 300.0 | 138337 |
| 890-9795-5 | CS28 | Soluble | Solid | 300.0 | 138337 |
| 890-9795-6 | CS29 | Soluble | Solid | 300.0 | 138337 |
| 890-9795-7 | CS30 | Soluble | Solid | 300.0 | 138337 |
| 890-9795-8 | CS31 | Soluble | Solid | 300.0 | 138337 |
| 890-9795-9 | CS32 | Soluble | Solid | 300.0 | 138337 |
| MB 880-138337/1-A | Method Blank | Soluble | Solid | 300.0 | 138337 |
| LCS 880-138337/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 138337 |
| LCSD 880-138337/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 138337 |
| 890-9795-3 MS | CS26 | Soluble | Solid | 300.0 | 138337 |
| 890-9795-3 MSD | CS26 | Soluble | Solid | 300.0 | 138337 |

# Lab Chronicle

Client: Ensolum
Project/Site: PLU 13 DTD EAST Battery

Job ID: 890-9795-1
SDG: 03C1558836

## Client Sample ID: FS01

**Lab Sample ID: 890-9795-1**

**Date Collected: 04/17/26 08:47**

**Matrix: Solid**

**Date Received: 04/17/26 12:59**

| 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 | 139240 | 04/28/26 12:33 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 139241 | 04/28/26 20:30 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 139384 | 04/28/26 20:30 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 138872 | 04/24/26 02:22 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 138248 | 04/19/26 17:42 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 138699 | 04/24/26 02:22 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 138337 | 04/20/26 15:09 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 50 mL | 50 mL | 138477 | 04/21/26 22:26 | CS | EET MID |

## Client Sample ID: CS21

**Lab Sample ID: 890-9795-2**

**Date Collected: 04/17/26 09:41**

**Matrix: Solid**

**Date Received: 04/17/26 12:59**

| 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 | 139240 | 04/28/26 12:33 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 139241 | 04/28/26 20:51 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 139384 | 04/28/26 20:51 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 138872 | 04/24/26 02:37 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.95 g | 10.00 mL | 138248 | 04/19/26 17:42 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 138699 | 04/24/26 02:37 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 138337 | 04/20/26 15:09 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 50 mL | 50 mL | 138477 | 04/21/26 22:32 | CS | EET MID |

## Client Sample ID: CS26

**Lab Sample ID: 890-9795-3**

**Date Collected: 04/17/26 09:44**

**Matrix: Solid**

**Date Received: 04/17/26 12:59**

| 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 | 139240 | 04/28/26 12:33 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 139241 | 04/28/26 21:12 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 139384 | 04/28/26 21:12 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 138872 | 04/24/26 02:53 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.92 g | 10.00 mL | 138248 | 04/19/26 17:42 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 138699 | 04/24/26 02:53 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 138337 | 04/20/26 15:09 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 20 | 50 mL | 50 mL | 138477 | 04/21/26 22:37 | CS | EET MID |

## Client Sample ID: CS27

**Lab Sample ID: 890-9795-4**

**Date Collected: 04/17/26 09:47**

**Matrix: Solid**

**Date Received: 04/17/26 12:59**

| 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 | 139240 | 04/28/26 12:33 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 139241 | 04/28/26 21:33 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 139384 | 04/28/26 21:33 | SA | EET MID |

# Lab Chronicle

Client: Ensolum
Project/Site: PLU 13 DTD EAST Battery

Job ID: 890-9795-1
SDG: 03C1558836

## Client Sample ID: CS27

**Date Collected: 04/17/26 09:47**
**Date Received: 04/17/26 12:59**

**Lab Sample ID: 890-9795-4**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 138872 | 04/24/26 03:08 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 138248 | 04/19/26 17:42 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 138699 | 04/24/26 03:08 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 138337 | 04/20/26 15:09 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 20 | 50 mL | 50 mL | 138477 | 04/21/26 22:53 | CS | EET MID |

## Client Sample ID: CS28

**Date Collected: 04/17/26 09:50**
**Date Received: 04/17/26 12:59**

**Lab Sample ID: 890-9795-5**
**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 | 139240 | 04/28/26 12:33 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 139241 | 04/28/26 21:53 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 139384 | 04/28/26 21:53 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 138872 | 04/24/26 03:23 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10.00 mL | 138248 | 04/19/26 17:42 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 138699 | 04/24/26 03:23 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 138337 | 04/20/26 15:09 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 50 mL | 50 mL | 138477 | 04/21/26 22:58 | CS | EET MID |

## Client Sample ID: CS29

**Date Collected: 04/17/26 10:15**
**Date Received: 04/17/26 12:59**

**Lab Sample ID: 890-9795-6**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.00 g | 5 mL | 139240 | 04/28/26 12:33 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 139241 | 04/28/26 22:14 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 139384 | 04/28/26 22:14 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 138872 | 04/24/26 03:38 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 138248 | 04/19/26 17:42 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 138699 | 04/24/26 03:38 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 138337 | 04/20/26 15:09 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 50 mL | 50 mL | 138477 | 04/21/26 23:14 | CS | EET MID |

## Client Sample ID: CS30

**Date Collected: 04/17/26 10:17**
**Date Received: 04/17/26 12:59**

**Lab Sample ID: 890-9795-7**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 139240 | 04/28/26 12:33 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 139241 | 04/28/26 22:35 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 139384 | 04/28/26 22:35 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 138872 | 04/24/26 03:53 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 138248 | 04/19/26 17:42 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 138699 | 04/24/26 03:53 | FC | EET MID |

# Lab Chronicle

Client: Ensolum
Project/Site: PLU 13 DTD EAST Battery

Job ID: 890-9795-1
SDG: 03C1558836

## Client Sample ID: CS30

**Date Collected: 04/17/26 10:17**
**Date Received: 04/17/26 12:59**

**Lab Sample ID: 890-9795-7**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 138337 | 04/20/26 15:09 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 50 mL | 50 mL | 138477 | 04/21/26 23:19 | CS | EET MID |

## Client Sample ID: CS31

**Date Collected: 04/17/26 10:20**
**Date Received: 04/17/26 12:59**

**Lab Sample ID: 890-9795-8**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 139240 | 04/28/26 12:33 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 139241 | 04/28/26 22:55 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 139384 | 04/28/26 22:55 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 138872 | 04/24/26 04:09 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10.00 mL | 138248 | 04/19/26 17:42 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 138699 | 04/24/26 04:09 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 138337 | 04/20/26 15:09 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 50 mL | 50 mL | 138477 | 04/21/26 23:24 | CS | EET MID |

## Client Sample ID: CS32

**Date Collected: 04/17/26 10:24**
**Date Received: 04/17/26 12:59**

**Lab Sample ID: 890-9795-9**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 139240 | 04/28/26 12:33 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 139241 | 04/28/26 23:16 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 139384 | 04/28/26 23:16 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 138872 | 04/24/26 04:24 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 138248 | 04/19/26 17:42 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 138699 | 04/24/26 04:24 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 138337 | 04/20/26 15:09 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 50 mL | 50 mL | 138477 | 04/21/26 23:29 | CS | EET MID |

**Laboratory References:**

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

# Accreditation/Certification Summary

Client: Ensolum
Project/Site: PLU 13 DTD EAST Battery

Job ID: 890-9795-1
SDG: 03C1558836

## 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: PLU 13 DTD EAST Battery

Job ID: 890-9795-1
SDG: 03C1558836

| 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: PLU 13 DTD EAST Battery

Job ID: 890-9795-1
SDG: 03C1558836

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Depth |
|---|---|---|---|---|---|
| 890-9795-1 | FS01 | Solid | 04/17/26 08:47 | 04/17/26 12:59 | 0.5 |
| 890-9795-2 | CS21 | Solid | 04/17/26 09:41 | 04/17/26 12:59 | SURFACE |
| 890-9795-3 | CS26 | Solid | 04/17/26 09:44 | 04/17/26 12:59 | SURFACE |
| 890-9795-4 | CS27 | Solid | 04/17/26 09:47 | 04/17/26 12:59 | SURFACE |
| 890-9795-5 | CS28 | Solid | 04/17/26 09:50 | 04/17/26 12:59 | SURFACE |
| 890-9795-6 | CS29 | Solid | 04/17/26 10:15 | 04/17/26 12:59 | SURFACE |
| 890-9795-7 | CS30 | Solid | 04/17/26 10:17 | 04/17/26 12:59 | SURFACE |
| 890-9795-8 | CS31 | Solid | 04/17/26 10:20 | 04/17/26 12:59 | SURFACE |
| 890-9795-9 | CS32 | Solid | 04/17/26 10:24 | 04/17/26 12:59 | SURFACE |

eurofins | 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

890-9795 Chain of Custody

Page 1 of 1

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

**Work Order Comments**

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

| | | | |
|---|---|---|---|
| Project Name: | PLU 13 DTD East Battery | Turn Around | ☑ Routine ☐ Rush |
| Project Number: | 03C1558836 | Due Date: | |
| Project Location: | 32.205854, -103.830370 | TAT starts the day received by the lab, if received by 4:30pm | |
| Sampler's Name: | Trevor Wargo | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank: | Yes (No) | Wet Ice: | (Yes) No | |
| Samples Received Intact: | (Yes) No | Thermometer ID: | IR007 | |
| Cooler Custody Seals: | Yes No (N/A) | Correction Factor: | -0.2 | |
| Sample Custody Seals: | Yes No (N/A) | Temperature Reading: | 1.0 | |
| Total Containers: | | Corrected Temperature: | 0.8 | |

**ANALYSIS REQUEST**

**Preservative Codes**

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

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | TPH 8015 | BTEX 8021 | Chloride 300 | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| FS01 | Soil | 4/17/26 | 8:47 | 0.5 | C | 1 | | | | |
| CS21 | | | 9:41 | Surface | | | | | | |
| CS26 | | | 9:44 | | | | | | | |
| CS27 | | | 9:47 | | | | | | | |
| CS28 | | | 9:50 | | | | | | | |
| CS29 | | | 10:15 | | | | | | | |
| CS30 | | | 10:17 | | | | | | | |
| CS31 | | | 10:20 | | | | | | | |
| CS32 | | | 10:24 | | | | | | | |

TBW

Circle Method(s) and Metal(s) to be analyzed

8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn

TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471



| | Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|---|
| 1 | Trevor Wargo | | 12:59 4/17 | | | |
| 3 | | | | 4 | | |
| 5 | | | | 6 | | |

Revised Date: 08/25/2020 Rev. 2020.2

Incident #: nAPP2605137503
Cost Center: 2191721001
GFCM: 48605000

CC: twargo@ensolum.com, KThomason@ensolum.com, Dale and Richard XTO.

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

# Chain of Custody Record

eurofins | Environment Testing

| Client Information (Sub Contract Lab) | Sampler: N/A | Lab PM: Kramer, Jessica | Carrier Tracking No(s): N/A | COC No: 890-6820.1 |
|---|---|---|---|---|
| Client Contact: Shipping/Receiving | Phone: N/A | E-Mail: Jessica.Kramer@et.eurofinsus.com | State of Origin: New Mexico | Page: Page 1 of 1 |
| Company: Eurofins Environment Testing South Centr | | Accreditations Required (See note): NELAP - Texas | | Job #: 890-9795-1 |
| Address: 1211 W. Florida Ave, , | Due Date Requested: 4/23/2026 | | | Preservation Codes: - |
| City: Midland | TAT Requested (days): N/A | | | |
| State, Zip: TX, 79701 | | | | |
| Phone: 432-704-5440(Tel) | PO #: N/A | | | |
| Email: N/A | WO #: N/A | | | |
| Project Name: PLU 13 DTD EAST Battery | Project #: 89000110 | | | |
| Site: N/A | SSOW#: N/A | | | Other: N/A |

| Sample Identification - Client ID (Lab ID) | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015MOD_NM/8015NM_S_Prep(MOD) Full TPH | 8015MOD_Calc | 300_ORGFM_28D/DI_LEACH/Chloride | 8021B/5035FP_Calc(MOD) BTEX | Total_BTEX_GCV | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | | | | | | | |
| FS01 (890-9795-1) | 4/17/26 | 08:47 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| CS21 (890-9795-2) | 4/17/26 | 09:41 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| CS26 (890-9795-3) | 4/17/26 | 09:44 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| CS27 (890-9795-4) | 4/17/26 | 09:47 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| CS28 (890-9795-5) | 4/17/26 | 09:50 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| CS29 (890-9795-6) | 4/17/26 | 10:15 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| CS30 (890-9795-7) | 4/17/26 | 10:17 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| CS31 (890-9795-8) | 4/17/26 | 10:20 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| CS32 (890-9795-9) | 4/17/26 | 10:24 Mountain | G | Solid | | | X | X | X | X | X | 1 | |

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

| Possible Hazard Identification | Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month) |
|---|---|
| Unconfirmed | ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months |
| Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2 | Special Instructions/QC Requirements: |

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|
| | | | | 4-20-26 800 | |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |

| Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks. |
|---|---|---|

Ver: 10/10/2024

# Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9795-1
SDG Number: 03C1558836

**Login Number: 9795**
**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: 890-9795-1
SDG Number: 03C1558836

**Login Number: 9795**
**List Number: 2**
**Creator: Laing, Edmundo**

**List Source: Eurofins Midland**
**List Creation: 04/19/26 03:38 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 | |

ENSOLUM

# APPENDIX E

## Spill Volume Calculation

| | | |
|---|---|---|
| **Location:** | **PLU 13 DTD East Battery** | |
| **Spill Date:** | **2/19/2026** | |
| **Incident #:** | | |

| **Area 1** | | |
|---|---|---|
| Approximate Area = | 6337.8 | sq. ft. |
| Average Saturation (or depth) of spill = | 0.5 | inches |
| | | |
| Average Porosity Factor = | 0.15 | |
| | | |
| VOLUME OF LEAK | | |
| Total Crude Oil = | | bbls |
| Total Produced Water = | 12 | bbls |

| **Area 2** | | |
|---|---|---|
| Approximate Area = | | sq. ft. |
| Average Saturation (or depth) of spill = | | inches |

| | | |
|---|---|---|
| Average Porosity Factor = | | |

| VOLUME OF LEAK | | |
|---|---|---|
| Total Crude Oil = | | bbls |
| Total Produced Water = | | bbls |

| **Area 3** | | |
|---|---|---|
| Approximate Area = | | sq. ft. |
| Average Saturation (or depth) of spill = | | inches |

| | | |
|---|---|---|
| Average Porosity Factor = | | |

| VOLUME OF LEAK | | |
|---|---|---|
| Total Crude Oil = | | bbls |
| Total Produced Water = | | bbls |

| **TOTAL VOLUME OF LEAK** | | |
|---|---|---|
| **Total Crude Oil =** | | **bbls** |
| **Total Produced Water =** | **12** | **bbls** |
| **TOTAL VOLUME RECOVERED** | | |
| **Total Crude Oil =** | | **bbls** |
| **Total Produced Water =** | **5** | **bbls** |

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 556276

## QUESTIONS

| | |
|---|---|
| Operator:<br>XTO ENERGY, INC<br>6401 Holiday Hill Road<br>Midland, TX 79707 | OGRID:<br>5380 |
| | Action Number:<br>556276 |
| | Action Type:<br>[C-141] Initial C-141 (C-141-v-Initial) |

**QUESTIONS**

| **Prerequisites** | |
|---|---|
| Incident ID (n#) | **nAPP2605137503** |
| Incident Name | **NAPP2605137503 PLU 13 DTD EAST BATTERY @ FAPP2126355488** |
| Incident Type | **Produced Water Release** |
| Incident Status | **Initial C-141 Received** |
| Incident Facility | **[fAPP2126355488] PLU 13 DOG TOWN DRAW EAST BTY** |

| **Location of Release Source** | |
|---|---|
| *Please answer all the questions in this group.* | |
| Site Name | PLU 13 DTD EAST BATTERY |
| Date Release Discovered | 02/19/2026 |
| Surface Owner | Federal |

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

| **Nature and Volume of Release** | |
|---|---|
| *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.* | |
| Crude Oil Released (bbls) Details | *Not answered.* |
| Produced Water Released (bbls) Details | Cause: Corrosion \| Other (Specify) \| Produced Water \| Released: 12 BBL \| Recovered: 5 BBL \| Lost: 7 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l | Yes |
| Condensate Released (bbls) Details | *Not answered.* |
| Natural Gas Vented (Mcf) Details | *Not answered.* |
| Natural Gas Flared (Mcf) Details | *Not answered.* |
| Other Released Details | *Not answered.* |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | Corrosion on a 90 |

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

General Information
Phone: (505) 629-6116

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

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



## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>XTO ENERGY, INC<br>6401 Holiday Hill Road<br>Midland, TX 79707 | OGRID:<br>5380 |
| | Action Number:<br>556276 |
| | Action Type:<br>[C-141] Initial C-141 (C-141-v-Initial) |

**QUESTIONS**

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

| **Initial Response** | |
|---|---|
| *The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.* | |
| The source of the release has been stopped | True |
| The impacted area has been secured to protect human health and the environment | True |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True |
| All free liquids and recoverable materials have been removed and managed appropriately | True |
| If all the actions described above have not been undertaken, explain why | *Not answered.* |
| *Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.* | |

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

| | |
|---|---|
| I hereby agree and sign off to the above statement | Name: Richard Kotzur<br>Title: Senior Project Manager<br>Email: NMEnvNotifications@exxonmobil.com<br>Date: 02/20/2026 |

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# State of New Mexico
# Energy, Minerals and Natural Resources
# Oil Conservation Division
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# Santa Fe, NM 87505



## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>XTO ENERGY, INC<br>6401 Holiday Hill Road<br>Midland, TX 79707 | OGRID:<br>5380 |
| | Action Number:<br>556276 |
| | Action Type:<br>[C-141] Initial C-141 (C-141-v-Initial) |

**QUESTIONS**

| **Site Characterization** | |
|---|---|
| *Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.* | |
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | *Not answered.* |
| What method was used to determine the depth to ground water | *Not answered.* |
| Did this release impact groundwater or surface water | *Not answered.* |
| **What is the minimum distance, between the closest lateral extents of the release and the following surface areas:** | |
| A continuously flowing watercourse or any other significant watercourse | *Not answered.* |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | *Not answered.* |
| An occupied permanent residence, school, hospital, institution, or church | *Not answered.* |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | *Not answered.* |
| Any other fresh water well or spring | *Not answered.* |
| Incorporated municipal boundaries or a defined municipal fresh water well field | *Not answered.* |
| A wetland | *Not answered.* |
| A subsurface mine | *Not answered.* |
| An (non-karst) unstable area | *Not answered.* |
| Categorize the risk of this well / site being in a karst geology | *Not answered.* |
| A 100-year floodplain | *Not answered.* |
| Did the release impact areas not on an exploration, development, production, or storage site | *Not answered.* |

| **Remediation Plan** | |
|---|---|
| *Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.* | |
| Requesting a remediation plan approval with this submission | No |
| *The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.* | |

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# State of New Mexico
# Energy, Minerals and Natural Resources
# Oil Conservation Division
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## CONDITIONS

| | |
|---|---|
| Operator:<br>XTO ENERGY, INC<br>6401 Holiday Hill Road<br>Midland, TX 79707 | OGRID:<br>5380 |
| | Action Number:<br>556276 |
| | Action Type:<br>[C-141] Initial C-141 (C-141-v-Initial) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| scott.rodgers | None | 2/20/2026 |

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# State of New Mexico
# Energy, Minerals and Natural Resources
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## QUESTIONS

| | |
|---|---|
| Operator:<br>XTO ENERGY, INC<br>3617 North Big Spring Street<br>Midland, TX 79705 | OGRID:<br>5380 |
| | Action Number:<br>583521 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| **Prerequisites** | |
|---|---|
| Incident ID (n#) | **nAPP2605137503** |
| Incident Name | **NAPP2605137503 PLU 13 DTD EAST BATTERY @ FAPP2126355488** |
| Incident Type | **Produced Water Release** |
| Incident Status | **Remediation Closure Report Received** |
| Incident Facility | **[fAPP2126355488] PLU 13 DOG TOWN DRAW EAST BTY** |

| **Location of Release Source** | |
|---|---|
| *Please answer all the questions in this group.* | |
| Site Name | PLU 13 DTD EAST BATTERY |
| Date Release Discovered | 02/19/2026 |
| Surface Owner | Federal |

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

| **Nature and Volume of Release** | |
|---|---|
| *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.* | |
| Crude Oil Released (bbls) Details | *Not answered.* |
| Produced Water Released (bbls) Details | Cause: Corrosion \| Other (Specify) \| Produced Water \| Released: 12 BBL \| Recovered: 5 BBL \| Lost: 7 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l | Yes |
| Condensate Released (bbls) Details | *Not answered.* |
| Natural Gas Vented (Mcf) Details | *Not answered.* |
| Natural Gas Flared (Mcf) Details | *Not answered.* |
| Other Released Details | *Not answered.* |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | Corrosion on a 90 |

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## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>XTO ENERGY, INC<br>3617 North Big Spring Street<br>Midland, TX 79705 | OGRID:<br>5380 |
| | Action Number:<br>583521 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

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

| **Initial Response** | |
|---|---|
| *The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.* | |
| The source of the release has been stopped | True |
| The impacted area has been secured to protect human health and the environment | True |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True |
| All free liquids and recoverable materials have been removed and managed appropriately | True |
| If all the actions described above have not been undertaken, explain why | *Not answered.* |
| *Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.* | |

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

| | |
|---|---|
| I hereby agree and sign off to the above statement | Name: Richard Kotzur<br>Title: Senior Project Manager<br>Email: NMEnvNotifications@exxonmobil.com<br>Date: 05/11/2026 |

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## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>XTO ENERGY, INC<br>3617 North Big Spring Street<br>Midland, TX 79705 | OGRID:<br>5380 |
| | Action Number:<br>583521 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| **Site Characterization** | |
|---|---|
| *Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.* | |
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 100 and 500 (ft.) |
| What method was used to determine the depth to ground water | Attached Document |
| Did this release impact groundwater or surface water | No |
| **What is the minimum distance, between the closest lateral extents of the release and the following surface areas:** | |
| A continuously flowing watercourse or any other significant watercourse | Between ½ and 1 (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Greater than 5 (mi.) |
| An occupied permanent residence, school, hospital, institution, or church | Between 1 and 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between 1 and 5 (mi.) |
| Any other fresh water well or spring | Between 1 and 5 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Between ½ and 1 (mi.) |
| A subsurface mine | Greater than 5 (mi.) |
| An (non-karst) unstable area | Greater than 5 (mi.) |
| Categorize the risk of this well / site being in a karst geology | Low |
| A 100-year floodplain | Between ½ and 1 (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | No |

| **Remediation Plan** | | |
|---|---|---|
| *Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.* | | |
| Requesting a remediation plan approval with this submission | | Yes |
| *Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.* | | |
| Have the lateral and vertical extents of contamination been fully delineated | | Yes |
| Was this release entirely contained within a lined containment area | | No |
| **Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.) | | |
| Chloride | (EPA 300.0 or SM4500 Cl B) | 15700 |
| TPH (GRO+DRO+MRO) | (EPA SW-846 Method 8015M) | 1060 |
| GRO+DRO | (EPA SW-846 Method 8015M) | 939 |
| BTEX | (EPA SW-846 Method 8021B or 8260B) | 0 |
| Benzene | (EPA SW-846 Method 8021B or 8260B) | 0 |
| | | |
| *Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.* | | |
| On what estimated date will the remediation commence | | 02/27/2026 |
| On what date will (or did) the final sampling or liner inspection occur | | 04/17/2026 |
| On what date will (or was) the remediation complete(d) | | 04/17/2026 |
| What is the estimated surface area (in square feet) that will be reclaimed | | 6338 |
| What is the estimated volume (in cubic yards) that will be reclaimed | | 10 |
| What is the estimated surface area (in square feet) that will be remediated | | 6338 |
| What is the estimated volume (in cubic yards) that will be remediated | | 10 |
| *These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.* | | |
| *The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.* | | |

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## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>XTO ENERGY, INC<br>3617 North Big Spring Street<br>Midland, TX 79705 | OGRID:<br>5380 |
| | Action Number:<br>583521 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| | |
|---|---|
| **Remediation Plan (continued)** | |
| *Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.* | |
| **This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:** | |
| *(Select all answers below that apply.)* | |
| (Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.) | Yes |
| Which OCD approved facility will be used for **off-site** disposal | fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL |
| **OR** which OCD approved well (API) will be used for **off-site** disposal | *Not answered.* |
| **OR** is the **off-site** disposal site, to be used, out-of-state | *Not answered.* |
| **OR** is the **off-site** disposal site, to be used, an NMED facility | *Not answered.* |
| (Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms) | *Not answered.* |
| (In Situ) Soil Vapor Extraction | *Not answered.* |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | *Not answered.* |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | *Not answered.* |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | *Not answered.* |
| Ground Water Abatement pursuant to 19.15.30 NMAC | *Not answered.* |
| OTHER (Non-listed remedial process) | *Not answered.* |
| *Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.* | |
| | |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. | |
| I hereby agree and sign off to the above statement | Name: Richard Kotzur<br>Title: Senior Project Manager<br>Email: NMEnvNotifications@exxonmobil.com<br>Date: 05/11/2026 |
| *The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.* | |

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## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>XTO ENERGY, INC<br>3617 North Big Spring Street<br>Midland, TX 79705 | OGRID:<br>5380 |
| | Action Number:<br>583521 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| **Deferral Requests Only** | |
|---|---|
| *Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.* | |
| Requesting a deferral of the remediation closure due date with the approval of this submission | No |

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## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>XTO ENERGY, INC<br>3617 North Big Spring Street<br>Midland, TX 79705 | OGRID:<br>5380 |
| | Action Number:<br>583521 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| **Sampling Event Information** | |
|---|---|
| Last sampling notification (C-141N) recorded | **575905** |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | **04/24/2026** |
| What was the (estimated) number of samples that were to be gathered | **20** |
| What was the sampling surface area in square feet | **4000** |

| **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 | Yes |
| Have the lateral and vertical extents of contamination been fully delineated | **Yes** |
| Was this release entirely contained within a lined containment area | **No** |
| All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion | Yes |
| What was the total surface area (in square feet) remediated | 6338 |
| What was the total volume (cubic yards) remediated | 10 |
| All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene | Yes |
| What was the total surface area (in square feet) reclaimed | 6338 |
| What was the total volume (in cubic yards) reclaimed | 10 |
| Summarize any additional remediation activities not included by answers (above) | Site assessment, delineation and excavation activities were conducted at the Site to address the February 2026, release of produced water. Laboratory analytical results for the confirmation soil samples indicated that all COC concentrations were compliant with the Site Closure Criteria. Based on the soil sample analytical results, no further remediation was required. XTO has backfilled the excavation with material purchased locally and recontoured the Site to match pre-existing site conditions. Excavation of impacted soil has mitigated impacts at this Site. Depth to groundwater has been estimated to be greater than 100 feet bgs and no other sensitive receptors were identified near the Site. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests closure for Incident Number nAPP2605137503. |

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

| | |
|---|---|
| I hereby agree and sign off to the above statement | Name: Richard Kotzur<br>Title: Senior Project Manager<br>Email: NMEnvNotifications@exxonmobil.com<br>Date: 05/11/2026 |

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## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>XTO ENERGY, INC<br>3617 North Big Spring Street<br>Midland, TX 79705 | OGRID:<br>5380 |
| | Action Number:<br>583521 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| **Reclamation Report** | |
|---|---|
| *Only answer the questions in this group if all reclamation steps have been completed.* | |
| Requesting a reclamation approval with this submission | No |

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## CONDITIONS

| | |
|---|---|
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| | Action Number:<br>583521 |
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**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| scott.rodgers | Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling operations. | 6/8/2026 |