



May 4, 2026

New Mexico Oil Conservation Division

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

**Re: Deferral Request
PLU 22 DTD CVB
Incident Number nAPP2530745190
Eddy County, New Mexico**

To Whom it May Concern:

Ensolum, LLC (Ensolum) on behalf of XTO Energy, Inc. (XTO), has prepared this *Deferral Request* to document, delineation, surface scrape excavation, and soil sampling activities performed at the PLU 22 DTD CVB (Site). The purpose of the remediation activities was to assess for the presence or absence of impacts to soil resulting from a produced water and crude oil release at the Site. Based on confirmation soil sample laboratory analytical results, XTO is submitting this *Deferral Request*, describing delineation and excavation activities that have occurred and requesting deferral of final remediation for Incident Number nAPP2530745190 until the Site is reconstructed, and/or the well pad is abandoned.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in in Unit N, Section 15, Township 24 South, Range 30 East, in Eddy County, New Mexico (32.2122367°, -103.8708633°) and is associated with oil and gas exploration and production operations on Federal land managed by the Bureau of Land Management (BLM).

On November 1, 2025, a ¾ inch plug on the bottom of a spacer blew out resulting in the release of approximately 15 barrels (bbls) of produced water and 2 bbls crude oil onto the pad surface. There were no released fluids recovered. XTO reported the release to the New Mexico Oil Conservation Division (NMOCD) via a Notification of Release (NOR) and submitted a Release Notification Form C- 141 (C- 141) on November 3, 2025. The release was assigned Incident Number nAPP2530745190.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented below and potential Site receptors are identified on Figure 1.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on the nearest groundwater well data. On January 16, 2025, a soil boring (C-4911) was drilled approximately 0.38 miles southeast of the Site utilizing hollow stem auger drilling methods to a total depth of 104 feet bgs. A field geologist logged and described soils continuously. No moisture or groundwater was encountered during drilling activities. The borehole was left open for over 72 hours to allow for potential slow infill of groundwater. After the 72-hour waiting period without observing

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groundwater, it was confirmed that groundwater beneath the Site is greater than 105 feet bgs. The borehole was properly abandoned with drill cuttings and hydrated bentonite chips. The Well Log and Record for soil boring C-4911 is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is an intermittently flooded wetland riverine located approximately 1,445 feet northeast of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area).

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 November 11, 2025, Ensolum personnel visited the Site to evaluate the release extent and conduct delineation activities based on information provided on the C-141 and visual observations. Ten delineation soil samples (SS01 through SS10) were collected at ground surface from around the release extent to assess the lateral extent of the release. Additionally, four boreholes (BH01 through BH04) were advanced via hand auger to a terminal depth of 0.5 feet bgs to assess the vertical extent of the release. Discrete soil samples were collected from each borehole at ground surface and 0.5 feet bgs. All soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride utilizing Hach® chloride QuanTab® test strips. The release area and delineation soil samples were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation was collected during the assessment and delineation activities, and a Photographic Log is included in Appendix B. Field screening results and observations for all boreholes advanced were logged on lithologic/soil sampling logs, which are included in Appendix C.

The delineation soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, for analysis of the following constituents 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.

Between March 17 and April 9, 2026, Ensolum personnel returned to the Site to further define the central portion of the release. Ten delineation soil samples (SS11 through SS20) were collected at ground surface to provide additional lateral delineation and further define the extent of the release. One borehole (BH05) was advanced via hand auger within the release extent, to a terminal depth of 2 feet bgs, to

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further define the vertical extent of the release. The delineation soil samples were field screened and handled in the same manner as described above and submitted to Cardinal for analysis of the same COCs previously described.

Laboratory analytical results for delineation soil samples SS01 through SS20, with the exception of SS13, indicated all COC concentrations were in compliance with Site Closure Criteria and the strictest Table I Closure Criteria, successfully defining the lateral extent of the release. Laboratory analytical results for delineation soil sample SS13 indicated chloride concentrations exceeded the strictest Table I Closure Criteria but were in compliance with Site Closure Criteria. Laboratory analytical results for delineation boreholes BH01 and BH04 indicated all COC concentrations were in compliance with Site Closure Criteria at all depths. Laboratory results for delineation boreholes BH02, BH03, and BH05 indicated TPH concentrations exceeded Site Closure Criteria at depths ranging from ground surface to 0.5 feet bgs. Laboratory analytical results for delineation soil samples BH05B/BH05C, collected at 1 foot and 2 feet bgs respectively, indicated all COC concentrations were compliant with the Closure Criteria and strictest Table I Closure Criteria, successfully defining the vertical extent of the release. Based on visible staining in the release area, elevated field screening results, and laboratory analytical results, additional remedial activities were warranted.

SURFACE SCRAPE, EXCAVATION, AND SOIL SAMPLING ACTIVITIES

Between January 20 and March 3, 2026, Ensolum personnel were at the Site to oversee surface scraping and excavation activities. Surficial staining caused by the release was removed utilizing heavy equipment and hand tools. The entirety of the release was surface scraped, however, field screening results indicated that a shallow excavation was needed to address the central portion of the release, near impacted soil identified in BH02, BH03, and BH05. The total depth of the excavation was 1-foot bgs. Following surface scraping and excavation activities, Ensolum personnel collected 5-point composite soil samples representing no more than 200 square feet from the floor and sidewalls of the excavation and at the surface in the scraped extent. Eighteen 5-point composite soil samples (CS01 through CS18) were collected from within the surface scraped area. Three excavation confirmation samples (FS01 through FS03) were collected from the floor of the excavation from a depth of 1-foot bgs. Two excavation confirmation soil samples (SW01 and SW02) were collected from the sidewalls of the excavation. 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. All soil samples were field screened for VOCs and chloride using the same methods as described above. The confirmation soil samples here handled in the same manner as described above and were sent to Cardinal or Eurofins Laboratories (Eurofins) in Carlsbad, New Mexico, for analysis of the same COCs as previously mentioned. The COCs for samples analyzed at Eurofins were analyzed under the same methods with the exception of chloride, which is analyzed following EPA Method 300. The excavation extent and confirmation soil sample locations were mapped utilizing a handheld GPS unit. The excavation soil sample locations are depicted on Figure 3. Photographic documentation was collected and is included in Appendix B.

The scraped area measured approximately 3,236 square feet and the final extent of the excavation measured 590 square feet. An estimated 52 cubic yards of soil was removed during the surface scraping and excavation activities. The soil was transported and properly disposed of at the R360 Halfway Landfill Disposal Facility located in Hobbs, New Mexico.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for all confirmation soil samples, with the exception of CS10A and CS18, collected from the final excavation and scraping extents indicated all COC concentrations were below the Site Closure Criteria. Confirmation sidewall samples SW01 and SW02 exceeded the strictest Table

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I Closure Criteria but were partially collected within the boundaries of the release extent, and all COC concentrations for SW01 and SW02 are compliant with the Site Closure Criteria. Additional lateral delineation was collected to define the waste-containing soil in this area. The release is laterally defined by delineation soil samples SS01 through SS12, and SS14 through SS20, which laboratory analytical results confirmed were in compliance with the strictest Table I Closure Criteria; this includes SS03, SS04, SS06, SS10, SS19, and SS20 which defined the central portion of the release. Laboratory analytical results are summarized in Table 1 and complete laboratory analytical reports are included in Appendix D.

DEFERRAL REQUEST

Due to active production equipment and process piping present in the area restricting access to all impacted soil, XTO is requesting deferral of final remediation. The estimated area of remaining impacted soil for this release is approximately 485 square feet, and a total of approximately 36 cubic yards of impacted soil remains in place, assuming a depth of 2 feet bgs based on the laboratory analytical results from delineation soil sample BH05C. The impacted soil is limited to the area beneath, and immediately adjacent to active production equipment and surface piping where remediation would require major facility deconstruction. The release extent has been vertically delineated by soil sample BH05C collected at 2 feet bgs. The release extent has been laterally delineated by delineation soil samples SS01 through SS12 and SS14 through SS20, as well as confirmation soil samples CS16 and CS17 which define the area of requested deferral within the release extent to the east and to the west. Laboratory analytical results for all previously mentioned samples indicated all COC concentrations were in compliance with Site Closure Criteria and the strictest Table I Closure Criteria. The proposed deferral area and all delineation and excavation soil samples used to define the deferral area are depicted on Figure 4.

XTO does not believe deferment will result in imminent risk to human health, the environment, or groundwater. Depth to groundwater was determined to be greater than 100 feet and the entirety of the release remained on pad. Based on the presence of active production equipment and process piping within the release area and the complete lateral and vertical definition of impacted soil remaining in place, XTO requests deferral of final remediation for Incident Number nAPP2530745190 until final reclamation of the well pad or major construction, whichever comes first.

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

Sincerely,
Ensolum, LLC

A handwritten signature in black ink, appearing to read "Jeremy Reich".

Jeremy Reich
Project Geologist

A handwritten signature in black ink, appearing to read "Benjamin J. Belill".

Benjamin J. Belill
Senior Geologist

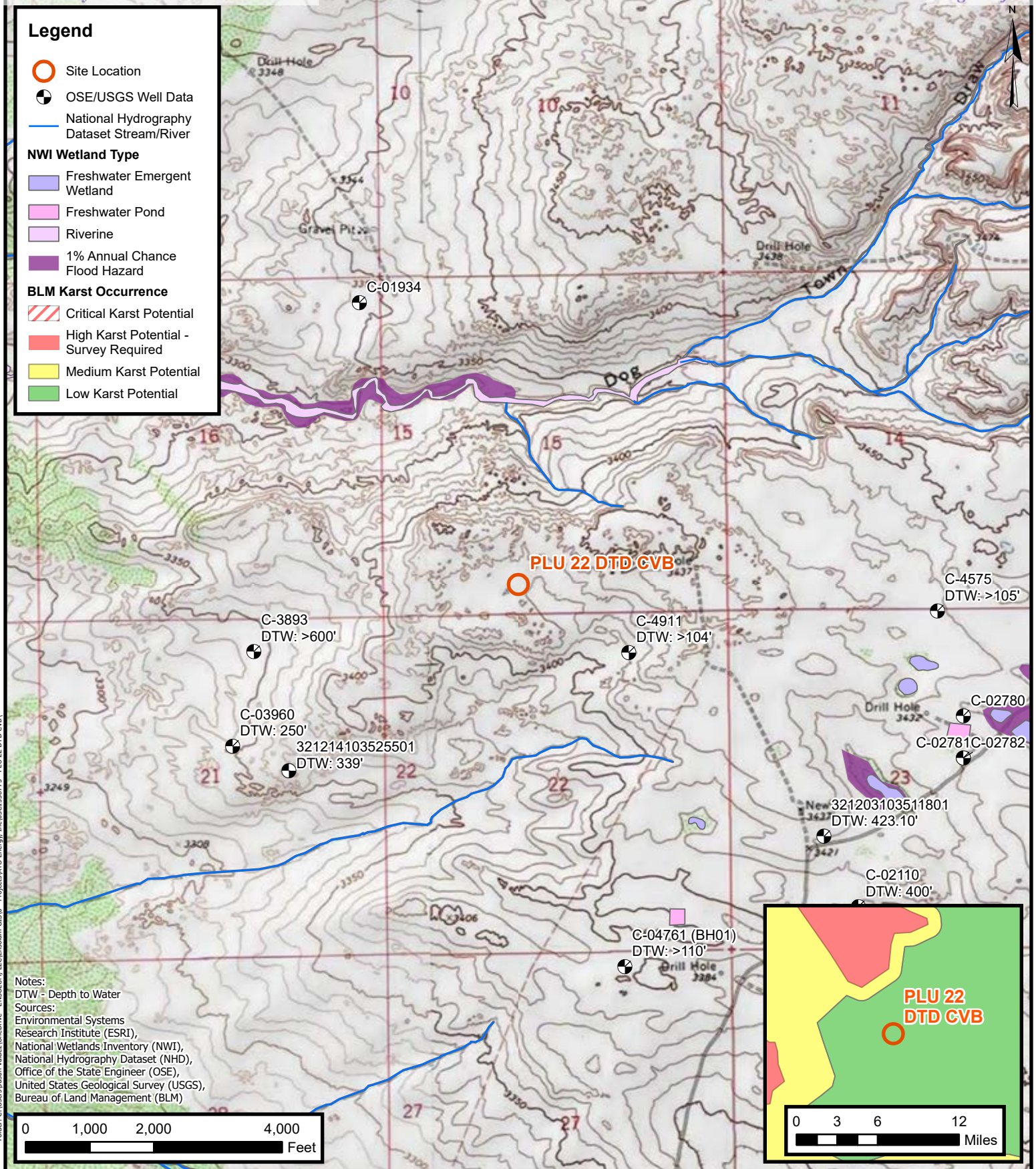
cc: Robert Woodall, XTO
Richard Kotzur, XTO
BLM

Appendices:

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



FIGURES



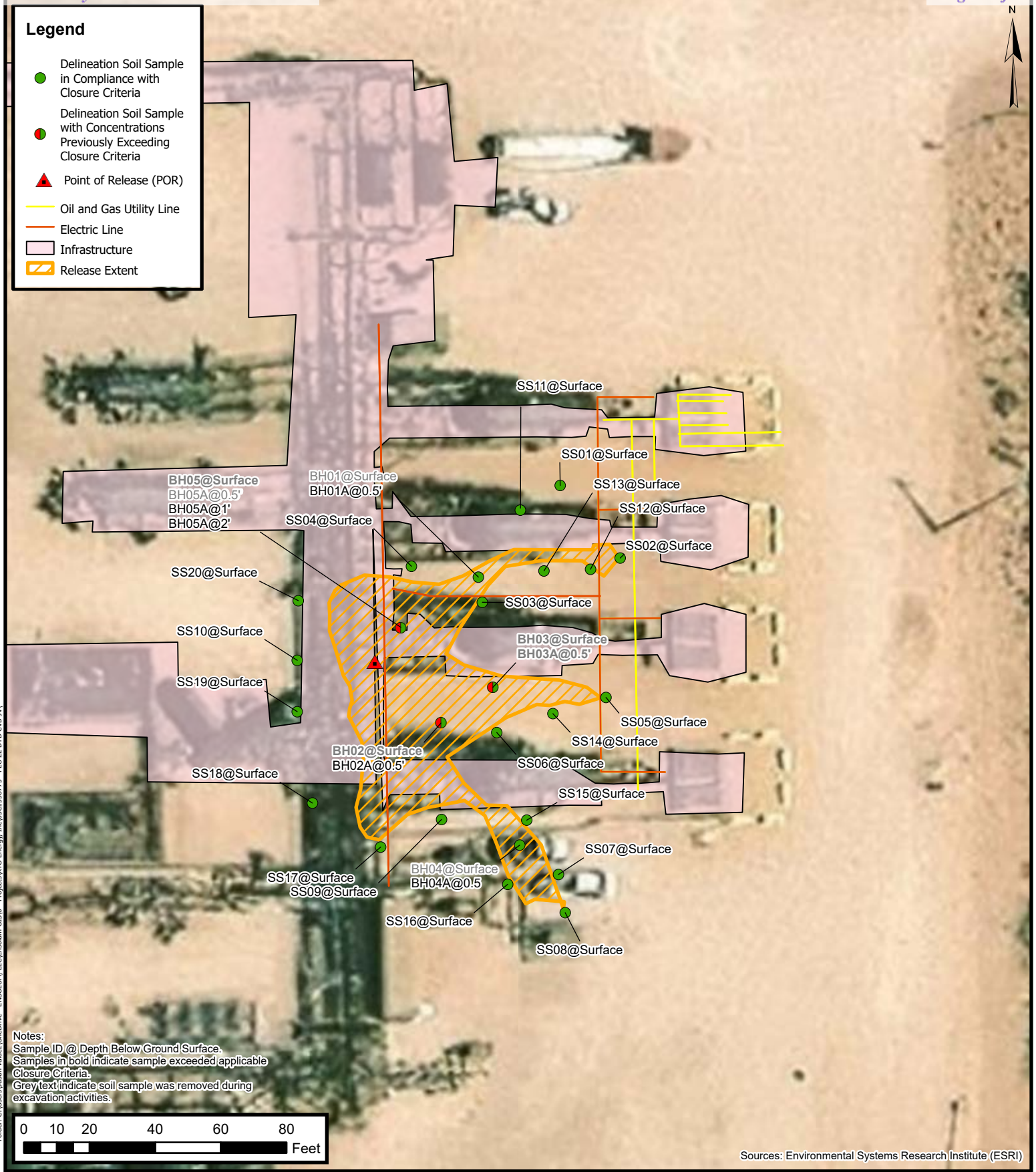
Site Receptor Map
 XTO Energy, Inc.
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 Eddy County, New Mexico

FIGURE
1

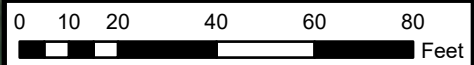


Legend

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- ▲ Point of Release (POR)
- Oil and Gas Utility Line
- Electric Line
- Infrastructure
- Release Extent



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



Sources: Environmental Systems Research Institute (ESRI)














Delineation Soil Sample Locations

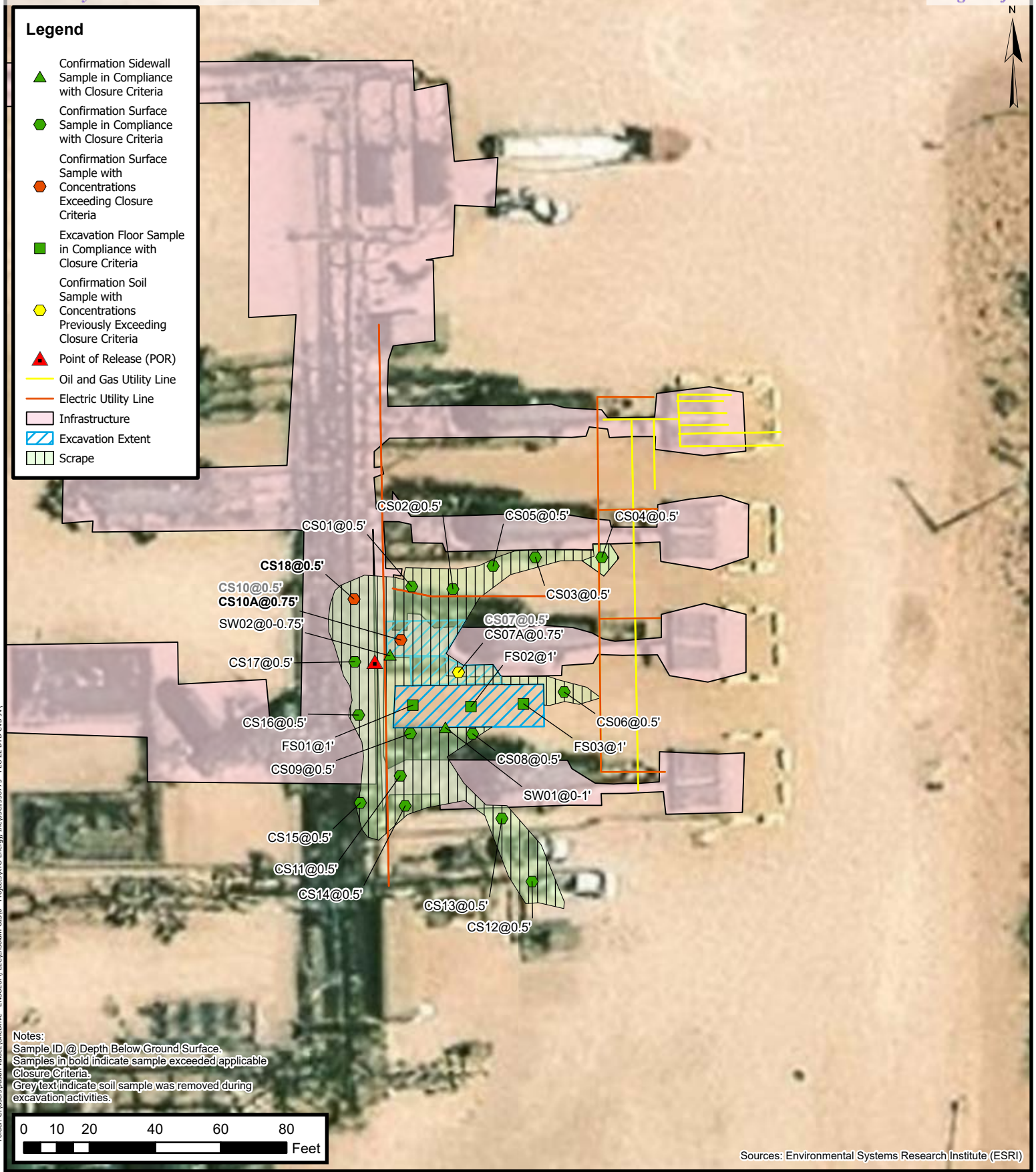
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FIGURE
2



Legend

-  Confirmation Sidewall Sample in Compliance with Closure Criteria
-  Confirmation Surface Sample in Compliance with Closure Criteria
-  Confirmation Surface Sample with Concentrations Exceeding Closure Criteria
-  Excavation Floor Sample in Compliance with Closure Criteria
-  Confirmation Soil Sample with Concentrations Previously Exceeding Closure Criteria
-  Point of Release (POR)
-  Oil and Gas Utility Line
-  Electric Utility Line
-  Infrastructure
-  Excavation Extent
-  Scrape



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

Sources: Environmental Systems Research Institute (ESRI)



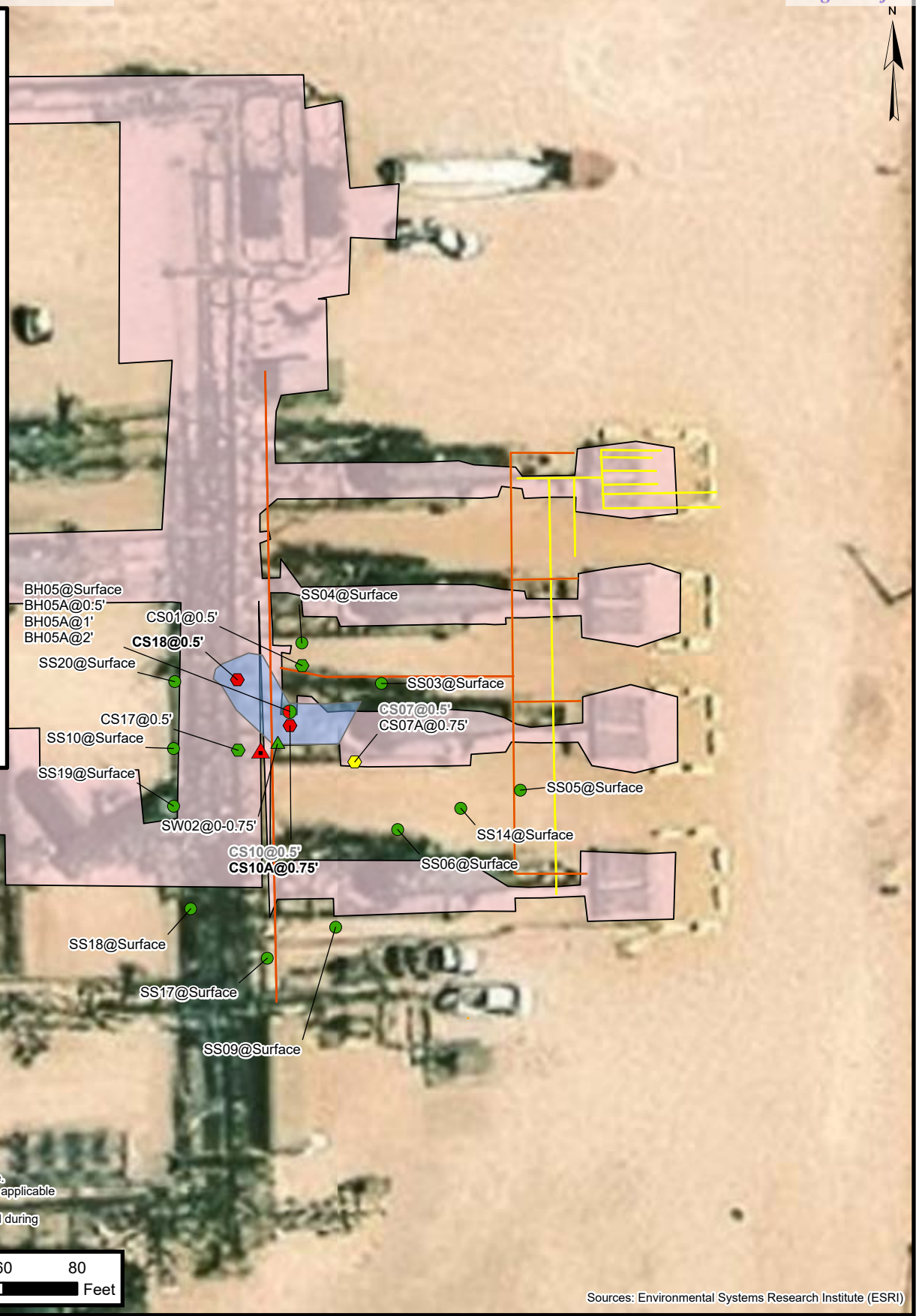
Confirmation Soil Sample Location

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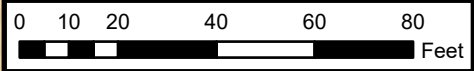
FIGURE
3

Legend

- ▲ Confirmation Sidewall Sample in Compliance with Closure Criteria
- Confirmation Soil Sample in Compliance with Closure Criteria
- Confirmation Soil Sample with Concentrations Exceeding Closure Criteria
- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Exceeding Closure Criteria
- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- Delineation Soil Sample with Concentrations Exceeding Closure Criteria
- Confirmation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- Oil and Gas Utility Line
- Electric Utility Line
- Deferral Area
- Infrastructure
- ▲ Point of Release (POR)



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



Sources: Environmental Systems Research Institute (ESRI)

Area of Requested Deferral

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FIGURE

4





TABLES



**TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
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Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
SS01*	11/11/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS02*	11/11/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SS03*	11/11/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
SS04*	11/11/2025	Surface	<0.050	<0.300	<10.0	14.4	<10.0	14.4	14.4	16.0
SS05*	11/11/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SS06*	11/11/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
SS07*	11/11/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
SS08*	11/11/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
SS09*	11/11/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SS10*	11/11/2025	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SS11*	03/17/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SS12*	03/17/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SS13	03/17/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	784
SS14*	03/17/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
SS15*	03/17/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SS16*	03/17/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
SS17*	03/17/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SS18*	03/17/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
SS19*	03/17/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
SS20*	03/17/2026	Surface	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
BH01	11/11/2025	Surface	<0.050	<0.300	<10.0	11.5	<10.0	11.5	11.5	2,270
BH01A	11/11/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,080
BH02	11/11/2025	Surface	<0.050	<0.300	44.4	1,920	363	1,964	2,327	9,280
BH02A	11/11/2025	0.5	<0.050	<0.300	<10.0	550	120	550	670	6,720



**TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
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Eddy County, New Mexico**

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
BH03	11/11/2025	Surface	<0.050	<0.300	<10.0	3,220	756	3,220	3,976	9,520
BH03A	11/11/2025	0.5	<0.050	<0.300	<10.0	1,520	388	1,520	1,908	4,320
BH04	11/11/2025	Surface	<0.050	<0.300	<10.0	80.7	27.1	80.7	108	19,400
BH04A	11/11/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5,300
BH05	04/09/2026	Surface	<0.050	0.499	<10.0	5,770	703	5,770	6,473	14,200
BH05A	04/09/2026	0.5	<0.050	<0.300	<10.0	54.3	<10.0	54.3	54.3	304
BH05B	04/09/2026	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH05C	04/09/2026	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
Confirmation Soil Samples										
FS01*	01/20/2026	1	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	161
FS02	01/20/2026	1	<0.00199	<0.00398	<50.1	<50.1	<50.1	<50.1	<50.1	1,520
FS03*	01/20/2026	1	<0.00198	<0.00396	<50.1	<50.1	<50.1	<50.1	<50.1	124
SW01	01/20/2026	0-1	<0.00201	<0.00402	<49.7	<49.7	<49.7	<49.7	<49.7	1,460
SW02	03/03/2026	0-0.75	<0.050	<0.300	<10.0	723	175	723	898	784
CS01	01/21/2026	0.5	<0.050	<0.300	<10.0	638	138	638	776	7,200
CS02	01/21/2026	0.5	<0.050	<0.300	<10.0	212	24.3	212	236	6,080
CS03	01/21/2026	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5,680
CS04	01/21/2026	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	848
CS05*	01/21/2026	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS06*	01/21/2026	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
CS07	01/21/2026	0.5	<0.050	<0.300	<10.0	1,050	195	1,050	1,245	3,440
CS07A	03/03/2026	0.75	<0.050	<0.300	<10.0	745	198	745	943	816
CS08	01/21/2026	0.5	<0.050	<0.300	<10.0	105	17.2	105	122	4,240
CS09	01/21/2026	0.5	<0.050	<0.300	<10.0	310	61.1	310	371	8,000
CS10	01/22/2026	0.5	<0.00204	<0.00402	<49.8	1,260	170	1,260	1,430	4,180
CS10A	03/03/2026	0.75	<0.050	<0.300	<10.0	2,730	416	2,730	3,146	3,200
CS11	01/22/2026	0.5	<0.00202	0.0343	<50.1	<50.1	<50.1	<50.1	<50.1	7,520
CS12	01/22/2026	0.5	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	3,240
CS13	01/22/2026	0.5	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	3,170
CS14	01/22/2026	0.5	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	2,750



**TABLE 1
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Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCDC Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
CS15*	01/22/2026	0.5	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	226
CS16	01/22/2026	0.5	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	635
CS17*	01/22/2026	0.5	<0.00202	<0.00404	<50.0	135	<50.0	135	135	599
CS18	01/22/2026	0.5	<0.00199	<0.00398	<49.8	6,910	1,090	6,910	8,000	227

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCDC: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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

* Indicates soil sample meets reclamation requirements

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

NMAC: New Mexico Administrative Code

Grey text indicates soil sample removed during excavation activities



APPENDIX A

Referenced Well Records



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S) C-4911			
	WELL OWNER NAME(S) XTO Energy, Inc.				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 3104 E. Greene St.				CITY Carlsbad	STATE NM	ZIP 88220	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 12	SECONDS 32.23	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE 103	51	54.46	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NE NW NE Sec. 22, T 24S R30E								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 01/16/2025	DRILLING ENDED 01/16/2025	DEPTH OF COMPLETED WELL (FT) Temporary Well Material	BORE HOLE DEPTH (FT) ±105	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 1/16/25, 1/24/25		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	104	±6.25	Soil Boring	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				N/A				

OSE OIL RUSSELL NM
10 FEB 25 11:43

FOR OSE INTERNAL USE

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

FILE NO. C-4911	POD NO. 1	TRN NO. 771442
LOCATION 24S. 30E. 22 212	WELL TAG ID NO. NA	PAGE 1 OF 2





APPENDIX B

Photographic Log

Photographic Log

XTO Energy, Inc
PLU 22 DTD CVB
nAPP2530745190

<p><u>Photograph</u> 1</p>	<p><u>Date</u> 11/1/2025</p>	
<p><u>Description</u> Initial release on pad</p>		
<p><u>View</u> North</p>		
<p><u>Photograph</u> 2</p>	<p><u>Date</u> 11/11/2025</p>	
<p><u>Description</u> Delineation activities; near BH01</p>		
<p><u>View</u> Northwest</p>		



Photographic Log

XTO Energy, Inc
PLU 22 DTD CVB
nAPP2530745190

<p><u>Photograph</u> 3</p>	<p><u>Date</u> 11/11/2025</p>	<p>240 W 270 300 330 NW 297°W (T) • 32.211785, -103.870609 ±7m ▲ 1044m PLU 22 DTD CVB 11 Nov 2025 14:28:18</p>
<p><u>Description</u> Delineation activities; near BH03</p>		
<p><u>View</u> Northwest</p>		
<p><u>Photograph</u> 4</p>	<p><u>Date</u> 1/20/2026</p>	<p>S 180 SW 210 240 270 300 330 N 271°W (T) • 32.212206°N, 103.870741°W ±36ft ▲ 3440ft Excavation near BH02 Ensolum, LLC PLU 22 DTD CVB 20 Jan 2026, 15:52:00 MST</p>
<p><u>Description</u> Excavation activities; near FS03, SW01</p>		
<p><u>View</u> West</p>		

Photographic Log

XTO Energy, Inc
PLU 22 DTD CVB
nAPP2530745190

<p><u>Photograph</u> 5</p>	<p><u>Date</u> 1/21/2026</p>	 <p>Surface scrape near CS01 Ensolum, LLC</p> <p>PLU 22 DTD CVB 21 Jan 2026, 15:13:57 MST</p>
<p><u>Description</u> Initial scraping activities; near CS18</p>		
<p><u>View</u> North</p>		
<p><u>Photograph</u> 6</p>	<p><u>Date</u> 1/21/2026</p>	 <p>Surface scrape near CS06 Ensolum, LLC</p> <p>PLU 22 DTD CVB 21 Jan 2026, 15:14:49 MST</p>
<p><u>Description</u> Surface scraping activities near CS07; excavation activities near SW01, FS03</p>		
<p><u>View</u> West</p>		



Photographic Log

XTO Energy, Inc
PLU 22 DTD CVB
nAPP2530745190

<p><u>Photograph</u> 7</p>	<p><u>Date</u> 1/21/2026</p>	
<p><u>Description</u> Surface scraping activities; near CS04</p>		
<p><u>View</u> West</p>		
<p><u>Photograph</u> 8</p>	<p><u>Date</u> 1/22/2026</p>	
<p><u>Description</u> Surface scraping activities under production equipment and piping, near CS14</p>		
<p><u>View</u> Northwest</p>		


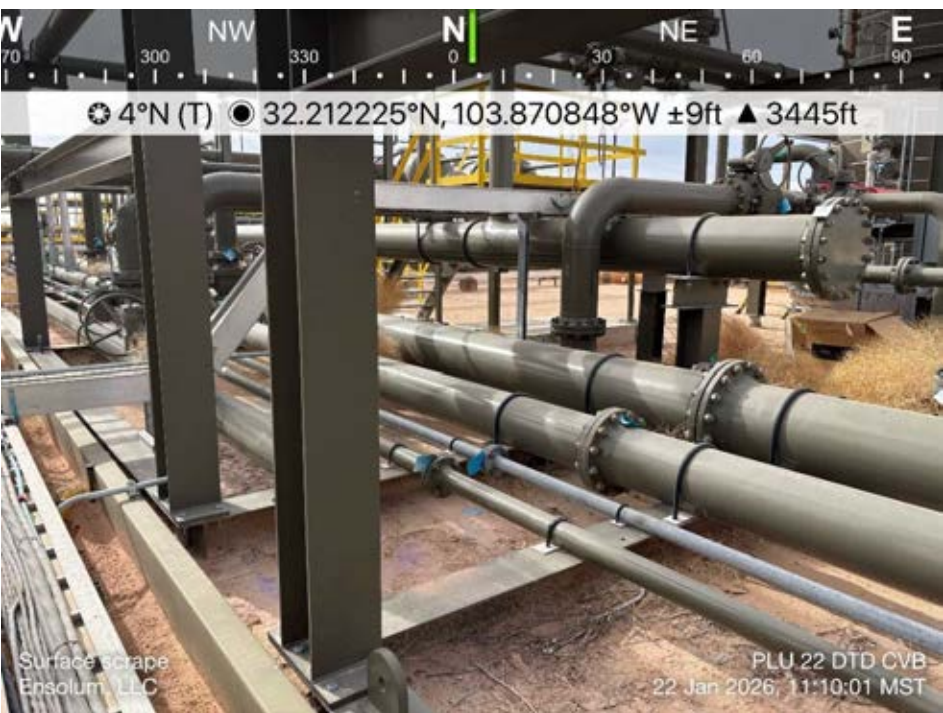
Photographic Log

XTO Energy, Inc
 PLU 22 DTD CVB
 nAPP2530745190

<p><u>Photograph</u> 9</p>	<p><u>Date</u> 1/22/2026</p>	 <p>Surface scrape Ensolum, LLC</p> <p>PLU 22 DTD CVB 22 Jan 2026, 11:09:53 MST</p>
<p><u>Description</u> Surface scraping activities; near CS10; The point of release</p>		
<p><u>View</u> North</p>		
<p><u>Photograph</u> 10</p>	<p><u>Date</u> 1/22/2026</p>	 <p>Surface scrape Ensolum, LLC</p> <p>PLU 22 DTD CVB 22 Jan 2026, 11:07:16 MST</p>
<p><u>Description</u> Surface scraping activities; near CS12</p>		
<p><u>View</u> West</p>		



Photographic Log

XTO Energy, Inc
PLU 22 DTD CVB
nAPP2530745190

<p><u>Photograph</u> 11</p>	<p><u>Date</u> 1/22/2026</p>	
<p><u>Description</u> Hand scraping activities near CS16 in earthen floor skid</p>		
<p><u>View</u> Southwest</p>		
<p><u>Photograph</u> 12</p>	<p><u>Date</u> 1/22/2026</p>	
<p><u>Description</u> Hand scraping activities near CS17 in earthen floor skid</p>		
<p><u>View</u> North</p>		

Photographic Log

XTO Energy, Inc
 PLU 22 DTD CVB
 nAPP2530745190

<p><u>Photograph</u> 13</p>	<p><u>Date</u> 3/3/2026</p>	 <p>Excavation activities near CS07 Ensolum, LLC</p> <p>PLU 22 DTD CVB 03 Mar 2026, 14:13:22 MST</p>
<p><u>Description</u> Additional hand scraping activities near CS07A in earthen floor skid</p>		
<p><u>View</u> West</p>		
<p><u>Photograph</u> 14</p>	<p><u>Date</u> 3/3/2026</p>	 <p>Excavation activities near CS10 Ensolum, LLC</p> <p>PLU 22 DTD CVB 03 Mar 2026, 14:14:10 MST</p>
<p><u>Description</u> Additional hand excavation activities near CS10A and SW02; in earthen floor skid</p>		
<p><u>View</u> South</p>		

Photographic Log


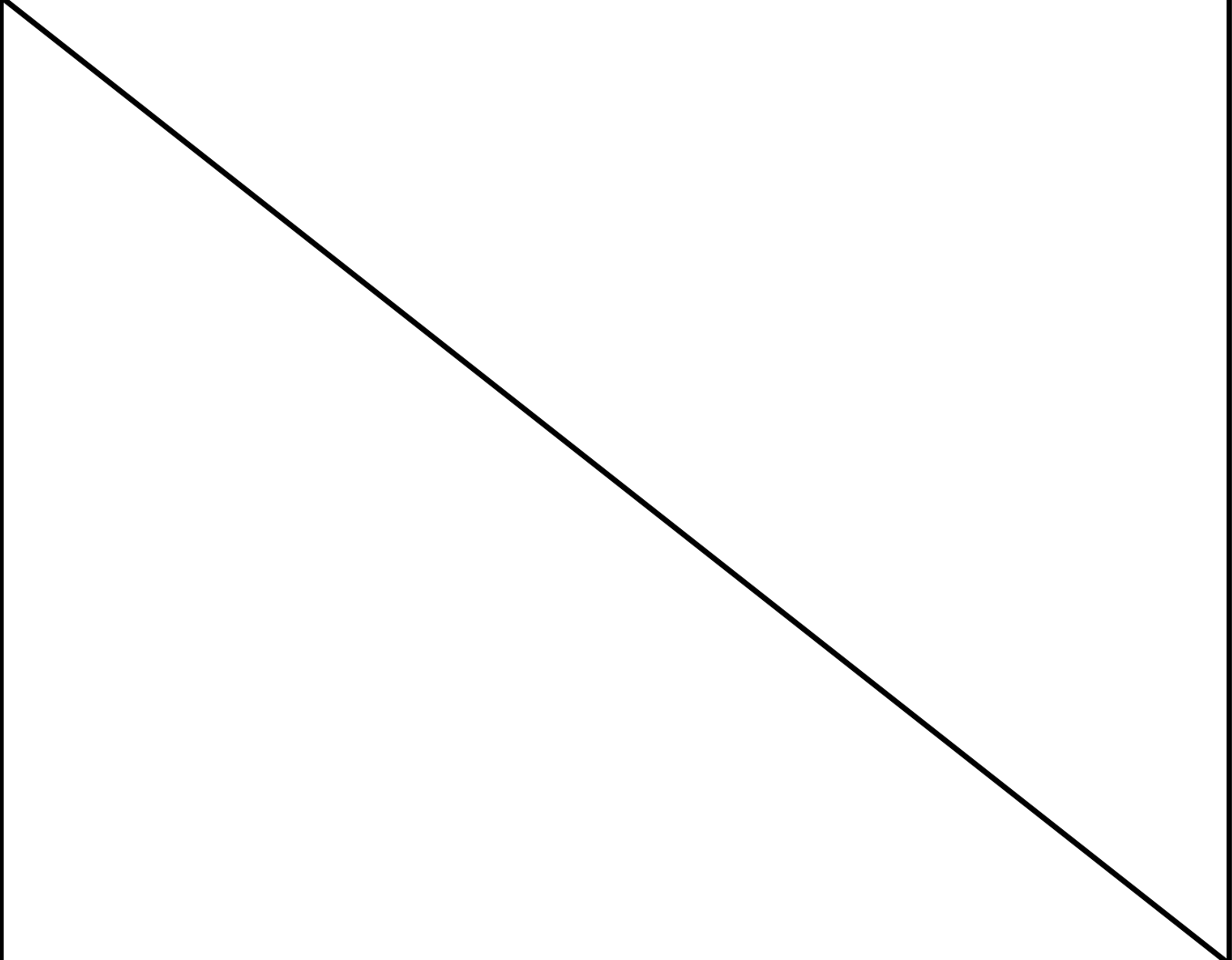
XTO Energy, Inc
PLU 22 DTD CVB
nAPP2530745190


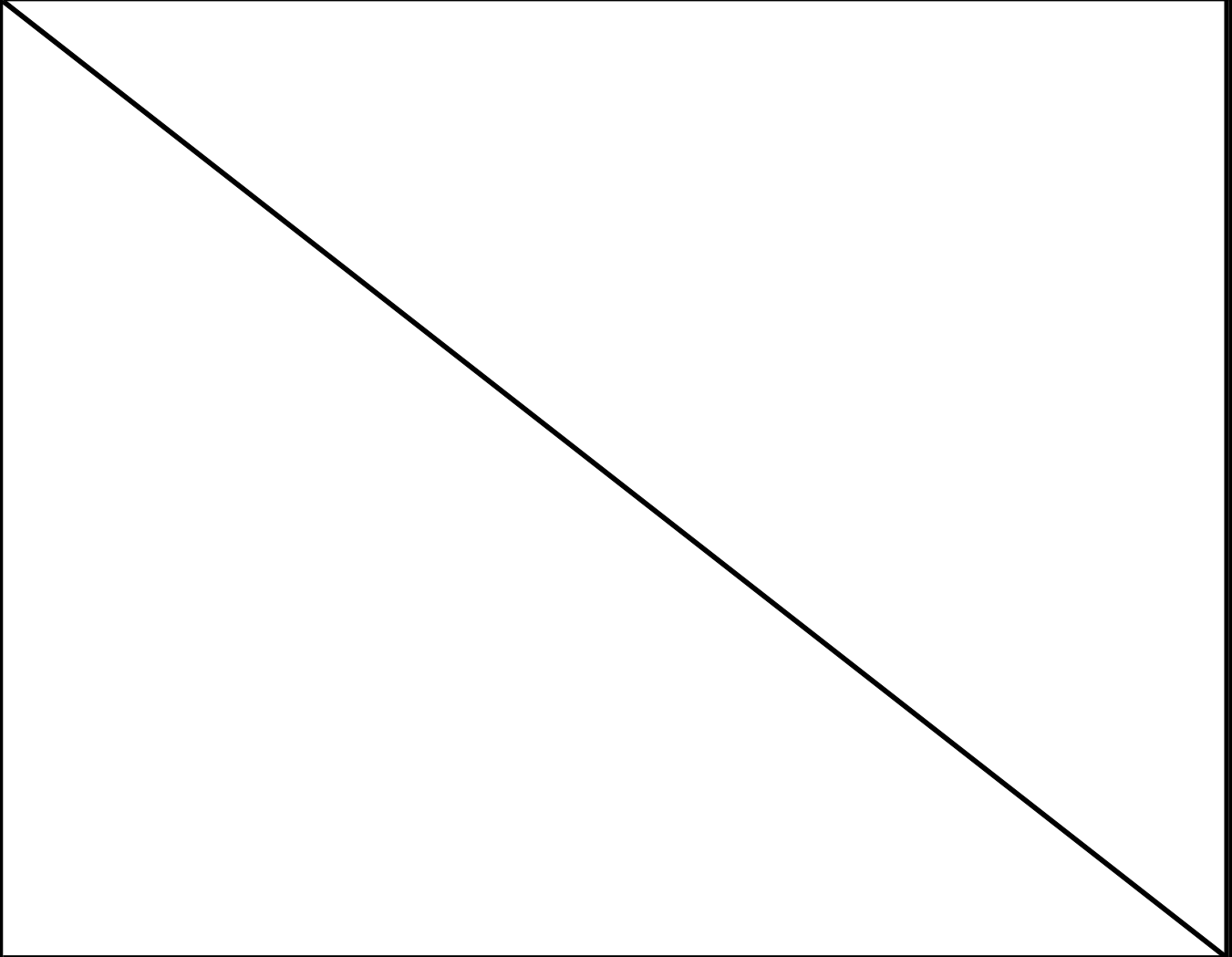
<p><u>Photograph</u> 15</p>	<p><u>Date</u> 4/9/2026</p>	
<p><u>Description</u> Additional delineation activities near BH05</p>		
<p><u>View</u> East</p>		
<p><u>Photograph</u> 16</p>	<p><u>Date</u> 4/9/2026</p>	
<p><u>Description</u> Additional delineation activities, in deferral area, near BH05</p>		
<p><u>View</u> Southwest</p>		


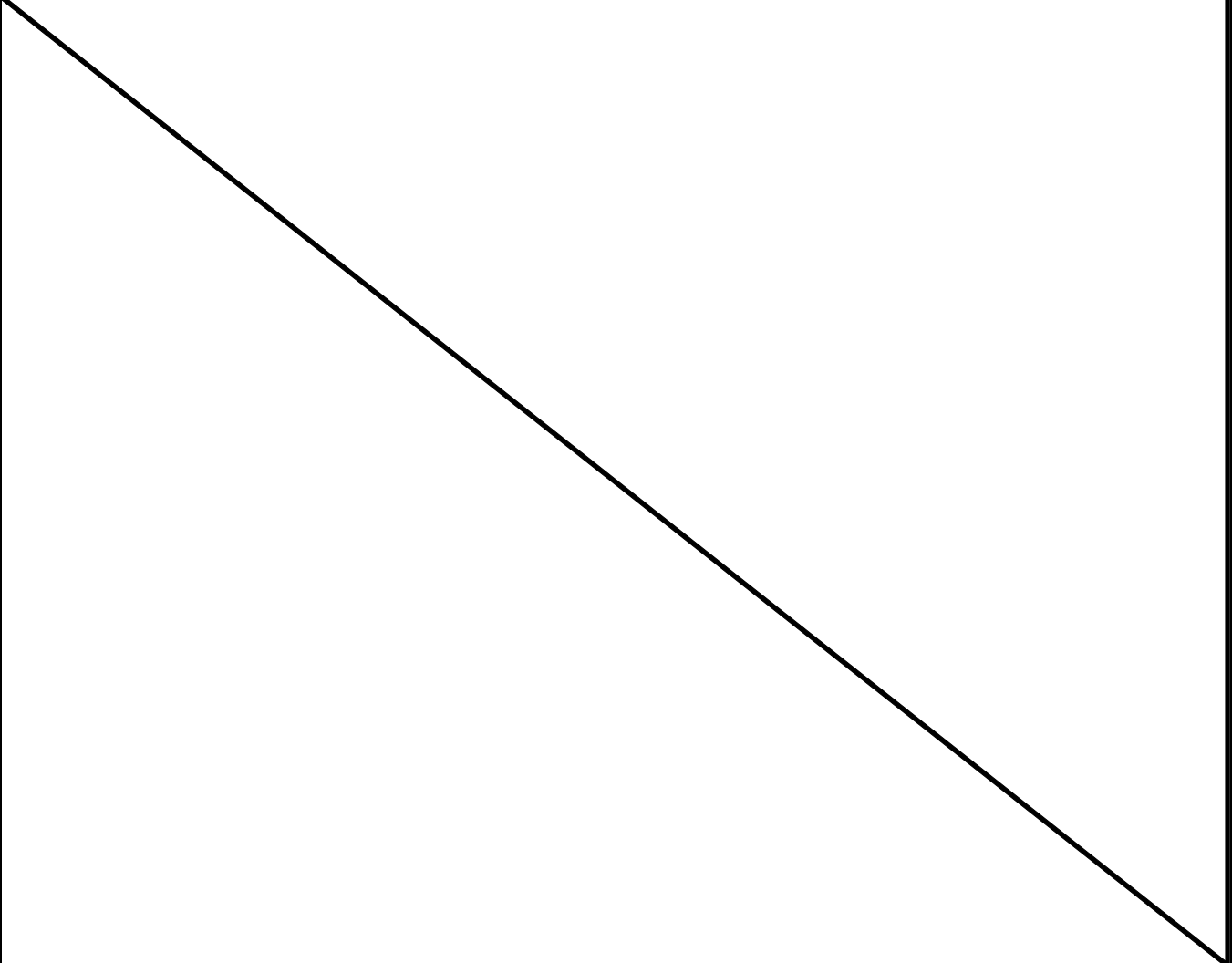



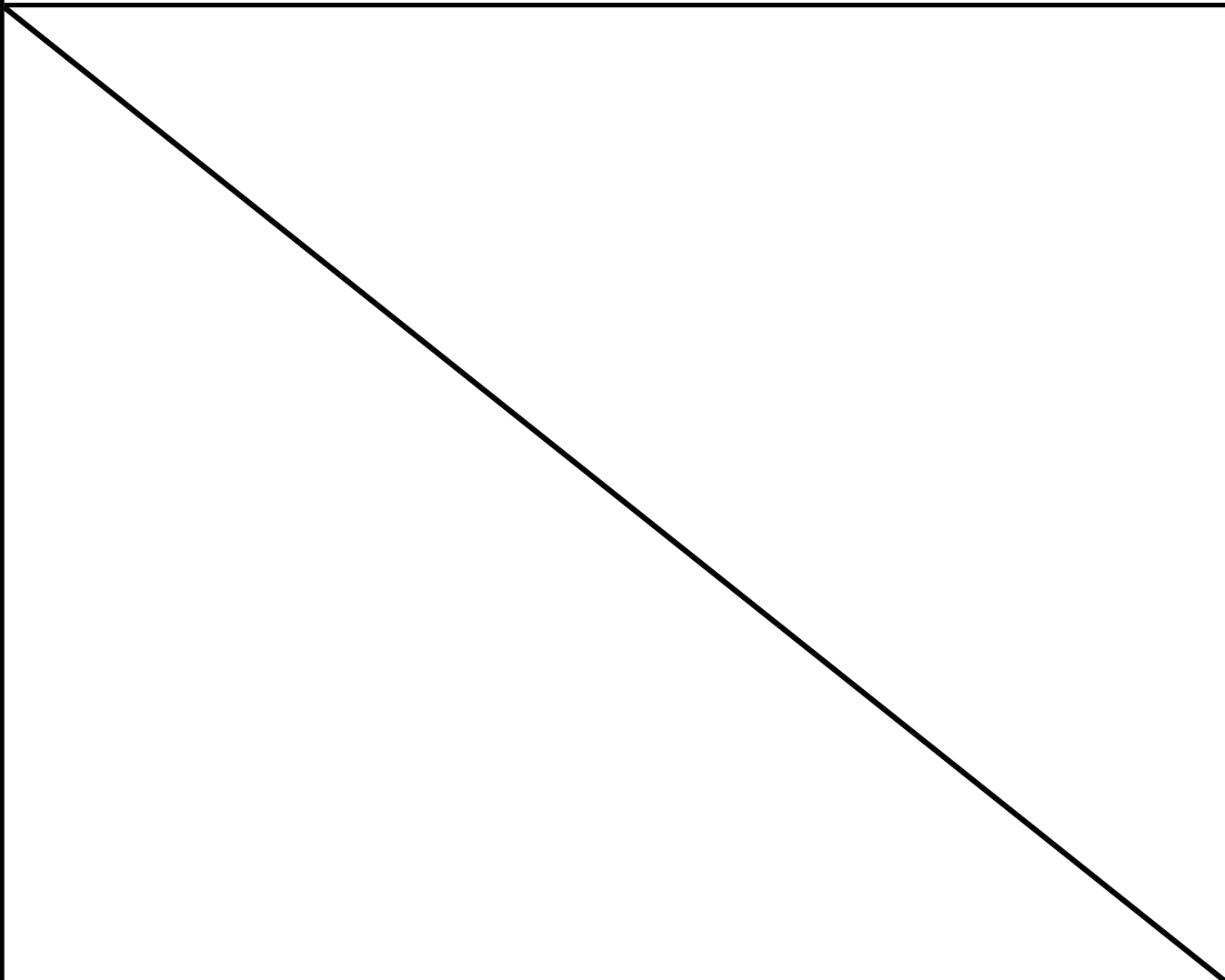
APPENDIX C


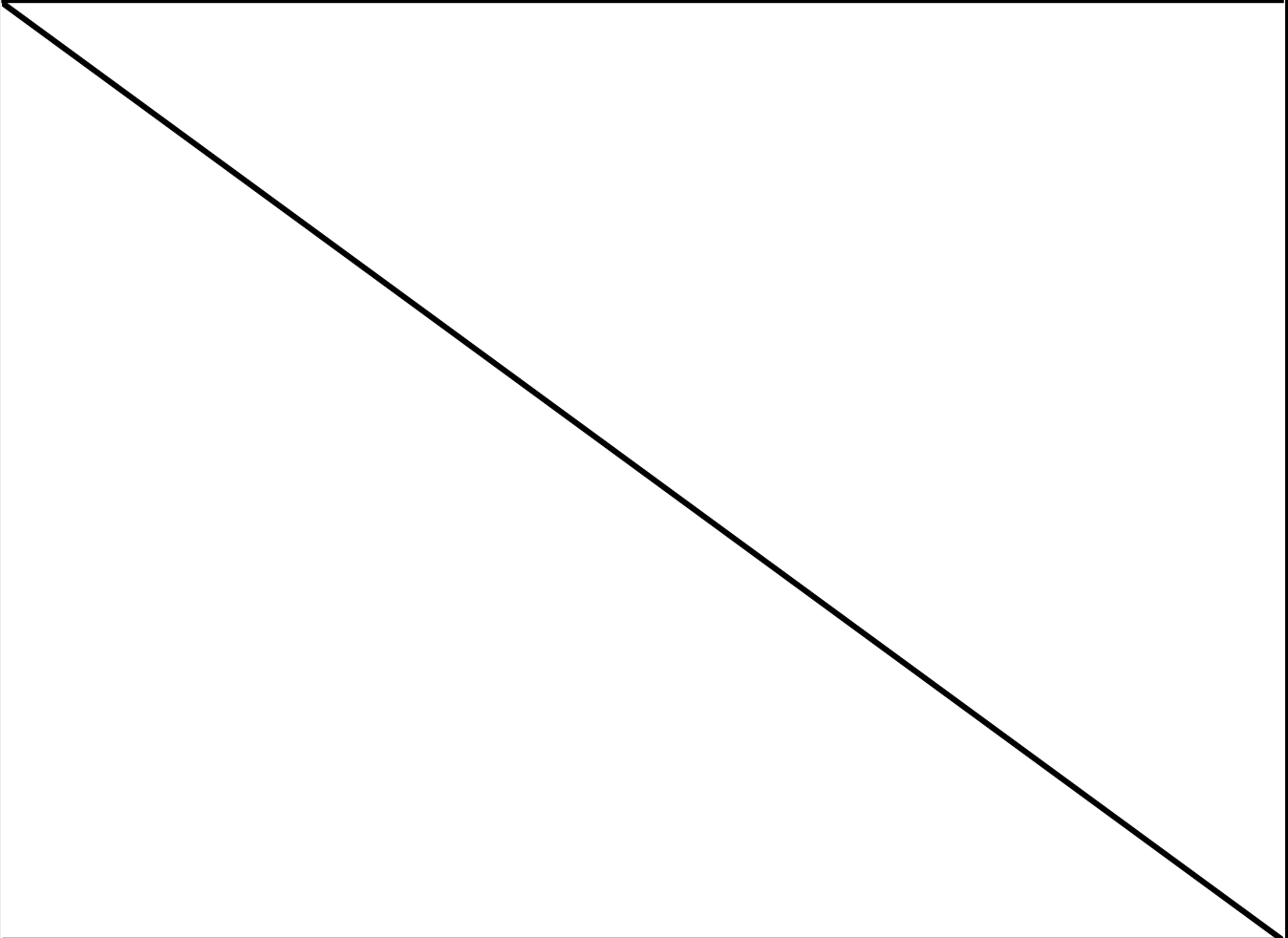
Lithologic Soil Sampling Logs

					Sample Name: BH01		Date: 11/11/2025	
					Site Name: PLU 22 DTD CVB			
					Incident Number: nAPP2530745190			
					Job Number: 03C1558775			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: TW		Method: Hand Auger	
Coordinates: 32.2123085, -103.8707505					Hole Diameter: 4"		Total Depth: 0.5'	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% correction factor for chlorides is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	7,190.4	0.9	N	BH01	0	0	CCHE	(0-0.5') CALICHE, tan-brown, with sand, fine to gravel grain, well graded, poorly sorted, no odor
D	5,667	0.7	N	BH01A	0.5	0.5	CCHE	
Total Depth @ 0.5 feet bgs								
								

					Sample Name: BH02		Date: 11/11/2025					
					Site Name: PLU 22 DTD CVB				Incident Number: nAPP2530745190			
					Job Number: 03C1558775				Logged By: TW		Method: Hand Auger	
					Coordinates: 32.2121880, -103.8707924				Hole Diameter: 4"		Total Depth: 0.5'	
LITHOLOGIC / SOIL SAMPLING LOG												
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% correction factor for chlorides is included.												
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions				
M	9,122.4	86.4	N	BH02	0	0	CCHE	(0-0.5') CALICHE, tan-brown, with sand, fine to gravel grain, well graded, poorly sorted, no odor				
M	3556	52.8	N	BH02A	0.5	0.5	CCHE					
Total Depth @ 0.5 feet bgs												
												

					Sample Name: BH03		Date: 11/11/2025	
					Site Name: PLU 22 DTD CVB			
					Incident Number: nAPP2530745190			
					Job Number: 03C1558775			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: TW		Method: Hand Auger	
Coordinates: 32.2122171, -103.8707406					Hole Diameter: 4"		Total Depth: 0.5'	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% correction factor for chlorides is included.								
Moisture	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	12,689.6	3.7	N	BH03	0	0	CCHE	(0-0.5') CALICHE, tan-brown, with sand, fine to gravel grain, well graded, poorly sorted, no odor
D	5,236	1.9	N	BH03A	0.5	0.5	CCHE	
Total Depth @ 0.5 feet bgs								
								

					Sample Name: BH04		Date: 11/11/2025	
					Site Name: PLU 22 DTD CVB			
					Incident Number: nAPP2530745190			
					Job Number: 03C1558775			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: TW		Method: Hand Auger	
Coordinates: 32.2120851, -103.8707158					Hole Diameter: 4"		Total Depth: 0.5'	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% correction factor for chlorides is included.								
Moisture	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	18,200	6.4	N	BH04	0	0	CCHE	(0-0.5') CALICHE, tan-brown, with sand, fine to gravel grain, well graded, poorly sorted, no odor
D	3,404.8	6.2	N	BH04A	0.5	0.5	CCHE	
Total Depth @ 0.5 feet bgs								
								

								Sample Name: BH05		Date: 4/9/2026	
								Site Name: PLU 22 DTD CVB			
								Incident Number: nAPP2530745190			
								Job Number: 03C1558775			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: JH		Method: Hand Auger	
Coordinates: 32.2122581, -103.8708306						Hole Diameter: 4"		Total Depth: 2'			
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% correction factor for chlorides is included.											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D	>3,539	7.7	N	BH05	0	0	CCHE	(0-1') CALICHE, tan-brown, with sand, fine to gravel grain, well graded, poorly sorted, mod odor			
D	324	1.2	N	BH05A	0.5			No odor at 0.5'			
D	<173	1.3	N	BH05B	1	1	SM	(1-2') SAND, with silt, dark reddish brown, very fine to fine grain, subrounded, poorly graded no odor			
D	<173	1.3	N	BH05C	2	2					
Total Depth @ 2 feet bgs											
											



APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation



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

November 19, 2025

JEREMY REICH
ENSOLUM, LLC
705 W WADLEY AVE.
MIDLAND, TX 79705

RE: PLU 22 DTD CVB - SPILLS

Enclosed are the results of analyses for samples received by the laboratory on 11/13/25 13:56.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	11/13/2025	Sampling Date:	11/11/2025
Reported:	11/19/2025	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21189-103.87076		

Sample ID: BH01 SURFACE (H257148-01)

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	11/18/2025	ND	2.21	111	2.00	3.23	
Toluene*	<0.050	0.050	11/18/2025	ND	2.21	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	11/18/2025	ND	2.15	108	2.00	4.42	
Total Xylenes*	<0.150	0.150	11/18/2025	ND	6.51	108	6.00	3.95	
Total BTEX	<0.300	0.300	11/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2270	16.0	11/14/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2025	ND	190	95.2	200	4.61	
DRO >C10-C28*	11.5	10.0	11/14/2025	ND	192	95.9	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	11/14/2025	ND					

Surrogate: 1-Chlorooctane 91.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 86.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	11/13/2025	Sampling Date:	11/11/2025
Reported:	11/19/2025	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21189-103.87076		

Sample ID: BH01A 0.5' (H257148-02)

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	11/18/2025	ND	2.21	111	2.00	3.23	
Toluene*	<0.050	0.050	11/18/2025	ND	2.21	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	11/18/2025	ND	2.15	108	2.00	4.42	
Total Xylenes*	<0.150	0.150	11/18/2025	ND	6.51	108	6.00	3.95	
Total BTEX	<0.300	0.300	11/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6080	16.0	11/14/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2025	ND	190	95.2	200	4.61	
DRO >C10-C28*	<10.0	10.0	11/14/2025	ND	192	95.9	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	11/14/2025	ND					

Surrogate: 1-Chlorooctane 84.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.5 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	11/13/2025	Sampling Date:	11/11/2025
Reported:	11/19/2025	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21189-103.87076		

Sample ID: BH02 SURFACE (H257148-03)

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	11/18/2025	ND	2.21	111	2.00	3.23	
Toluene*	<0.050	0.050	11/18/2025	ND	2.21	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	11/18/2025	ND	2.15	108	2.00	4.42	GC-NC
Total Xylenes*	0.156	0.150	11/18/2025	ND	6.51	108	6.00	3.95	GC-NC1
Total BTEX	<0.300	0.300	11/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9280	16.0	11/14/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	44.4	10.0	11/14/2025	ND	190	95.2	200	4.61		
DRO >C10-C28*	1920	10.0	11/14/2025	ND	192	95.9	200	4.76		
EXT DRO >C28-C36	363	10.0	11/14/2025	ND						

Surrogate: 1-Chlorooctane 100 % 52.4-130

Surrogate: 1-Chlorooctadecane 142 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	11/13/2025	Sampling Date:	11/11/2025
Reported:	11/19/2025	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21189-103.87076		

Sample ID: BH02A 0.5' (H257148-04)

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	11/18/2025	ND	2.21	111	2.00	3.23	
Toluene*	<0.050	0.050	11/18/2025	ND	2.21	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	11/18/2025	ND	2.15	108	2.00	4.42	
Total Xylenes*	<0.150	0.150	11/18/2025	ND	6.51	108	6.00	3.95	
Total BTEX	<0.300	0.300	11/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6720	16.0	11/14/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2025	ND	190	95.2	200	4.61	
DRO >C10-C28*	550	10.0	11/14/2025	ND	192	95.9	200	4.76	
EXT DRO >C28-C36	120	10.0	11/14/2025	ND					

Surrogate: 1-Chlorooctane 93.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 104 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	11/13/2025	Sampling Date:	11/11/2025
Reported:	11/19/2025	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21189-103.87076		

Sample ID: BH03 SURFACE (H257148-05)

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	11/18/2025	ND	2.21	111	2.00	3.23	
Toluene*	<0.050	0.050	11/18/2025	ND	2.21	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	11/18/2025	ND	2.15	108	2.00	4.42	
Total Xylenes*	<0.150	0.150	11/18/2025	ND	6.51	108	6.00	3.95	
Total BTEX	<0.300	0.300	11/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9520	16.0	11/14/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2025	ND	190	95.2	200	4.61	
DRO >C10-C28*	3220	10.0	11/14/2025	ND	192	95.9	200	4.76	
EXT DRO >C28-C36	756	10.0	11/14/2025	ND					

Surrogate: 1-Chlorooctane 84.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 132 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	11/13/2025	Sampling Date:	11/11/2025
Reported:	11/19/2025	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21189-103.87076		

Sample ID: BH03A 0.5' (H257148-06)

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	11/18/2025	ND	2.21	111	2.00	3.23	
Toluene*	<0.050	0.050	11/18/2025	ND	2.21	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	11/18/2025	ND	2.15	108	2.00	4.42	
Total Xylenes*	<0.150	0.150	11/18/2025	ND	6.51	108	6.00	3.95	
Total BTEX	<0.300	0.300	11/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	11/14/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2025	ND	190	95.2	200	4.61	
DRO >C10-C28*	1520	10.0	11/14/2025	ND	192	95.9	200	4.76	
EXT DRO >C28-C36	388	10.0	11/14/2025	ND					

Surrogate: 1-Chlorooctane 87.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 138 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	11/13/2025	Sampling Date:	11/11/2025
Reported:	11/19/2025	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21189-103.87076		

Sample ID: BH04 SURFACE (H257148-07)

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	11/18/2025	ND	2.21	111	2.00	3.23	
Toluene*	<0.050	0.050	11/18/2025	ND	2.21	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	11/18/2025	ND	2.15	108	2.00	4.42	
Total Xylenes*	<0.150	0.150	11/18/2025	ND	6.51	108	6.00	3.95	
Total BTEX	<0.300	0.300	11/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	19400	16.0	11/14/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2025	ND	190	95.2	200	4.61	
DRO >C10-C28*	80.7	10.0	11/14/2025	ND	192	95.9	200	4.76	
EXT DRO >C28-C36	27.1	10.0	11/14/2025	ND					

Surrogate: 1-Chlorooctane 90.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 89.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	11/13/2025	Sampling Date:	11/11/2025
Reported:	11/19/2025	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21189-103.87076		

Sample ID: BH04A 0.5' (H257148-08)

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	11/18/2025	ND	2.21	111	2.00	3.23	
Toluene*	<0.050	0.050	11/18/2025	ND	2.21	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	11/18/2025	ND	2.15	108	2.00	4.42	
Total Xylenes*	<0.150	0.150	11/18/2025	ND	6.51	108	6.00	3.95	
Total BTEX	<0.300	0.300	11/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5300	16.0	11/14/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2025	ND	190	95.2	200	4.61	
DRO >C10-C28*	<10.0	10.0	11/14/2025	ND	192	95.9	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	11/14/2025	ND					

Surrogate: 1-Chlorooctane 85.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 81.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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November 19, 2025

JEREMY REICH
ENSOLUM, LLC
705 W WADLEY AVE.
MIDLAND, TX 79705

RE: PLU 22 DTD CVB - SPILLS

Enclosed are the results of analyses for samples received by the laboratory on 11/13/25 13:56.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	11/13/2025	Sampling Date:	11/11/2025
Reported:	11/19/2025	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21189-103.87076		

Sample ID: SS01 SURFACE (H257149-01)

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	11/18/2025	ND	2.21	111	2.00	3.23	
Toluene*	<0.050	0.050	11/18/2025	ND	2.21	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	11/18/2025	ND	2.15	108	2.00	4.42	
Total Xylenes*	<0.150	0.150	11/18/2025	ND	6.51	108	6.00	3.95	
Total BTEX	<0.300	0.300	11/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/14/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2025	ND	190	95.2	200	4.61	
DRO >C10-C28*	<10.0	10.0	11/14/2025	ND	192	95.9	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	11/14/2025	ND					

Surrogate: 1-Chlorooctane 87.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 83.3 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	11/13/2025	Sampling Date:	11/11/2025
Reported:	11/19/2025	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21189-103.87076		

Sample ID: SS02 SURFACE (H257149-02)

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	11/18/2025	ND	2.21	111	2.00	3.23	
Toluene*	<0.050	0.050	11/18/2025	ND	2.21	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	11/18/2025	ND	2.15	108	2.00	4.42	
Total Xylenes*	<0.150	0.150	11/18/2025	ND	6.51	108	6.00	3.95	
Total BTEX	<0.300	0.300	11/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	11/14/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2025	ND	190	95.2	200	4.61	
DRO >C10-C28*	<10.0	10.0	11/14/2025	ND	192	95.9	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	11/14/2025	ND					

Surrogate: 1-Chlorooctane 88.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.1 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	11/13/2025	Sampling Date:	11/11/2025
Reported:	11/19/2025	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21189-103.87076		

Sample ID: SS03 SURFACE (H257149-03)

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	11/18/2025	ND	2.21	111	2.00	3.23	
Toluene*	<0.050	0.050	11/18/2025	ND	2.21	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	11/18/2025	ND	2.15	108	2.00	4.42	
Total Xylenes*	<0.150	0.150	11/18/2025	ND	6.51	108	6.00	3.95	
Total BTEX	<0.300	0.300	11/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/14/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2025	ND	190	95.2	200	4.61	
DRO >C10-C28*	<10.0	10.0	11/14/2025	ND	192	95.9	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	11/14/2025	ND					

Surrogate: 1-Chlorooctane 92.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 87.1 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	11/13/2025	Sampling Date:	11/11/2025
Reported:	11/19/2025	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21189-103.87076		

Sample ID: SS04 SURFACE (H257149-04)

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	11/18/2025	ND	2.21	111	2.00	3.23	
Toluene*	<0.050	0.050	11/18/2025	ND	2.21	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	11/18/2025	ND	2.15	108	2.00	4.42	
Total Xylenes*	<0.150	0.150	11/18/2025	ND	6.51	108	6.00	3.95	
Total BTEX	<0.300	0.300	11/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/14/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2025	ND	185	92.6	200	1.46	
DRO >C10-C28*	14.4	10.0	11/14/2025	ND	201	101	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	11/14/2025	ND					

Surrogate: 1-Chlorooctane 77.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 69.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	11/13/2025	Sampling Date:	11/11/2025
Reported:	11/19/2025	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21189-103.87076		

Sample ID: SS05 SURFACE (H257149-05)

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	11/18/2025	ND	2.21	111	2.00	3.23	
Toluene*	<0.050	0.050	11/18/2025	ND	2.21	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	11/18/2025	ND	2.15	108	2.00	4.42	
Total Xylenes*	<0.150	0.150	11/18/2025	ND	6.51	108	6.00	3.95	
Total BTEX	<0.300	0.300	11/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/14/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2025	ND	185	92.6	200	1.46	
DRO >C10-C28*	<10.0	10.0	11/14/2025	ND	201	101	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	11/14/2025	ND					

Surrogate: 1-Chlorooctane 73.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 61.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	11/13/2025	Sampling Date:	11/11/2025
Reported:	11/19/2025	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21189-103.87076		

Sample ID: SS06 SURFACE (H257149-06)

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	11/18/2025	ND	2.21	111	2.00	3.23	
Toluene*	<0.050	0.050	11/18/2025	ND	2.21	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	11/18/2025	ND	2.15	108	2.00	4.42	
Total Xylenes*	<0.150	0.150	11/18/2025	ND	6.51	108	6.00	3.95	
Total BTEX	<0.300	0.300	11/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	11/14/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2025	ND	185	92.6	200	1.46	
DRO >C10-C28*	<10.0	10.0	11/14/2025	ND	201	101	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	11/14/2025	ND					

Surrogate: 1-Chlorooctane 68.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 58.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	11/13/2025	Sampling Date:	11/11/2025
Reported:	11/19/2025	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21189-103.87076		

Sample ID: SS07 SURFACE (H257149-07)

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	11/18/2025	ND	2.21	111	2.00	3.23	
Toluene*	<0.050	0.050	11/18/2025	ND	2.21	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	11/18/2025	ND	2.15	108	2.00	4.42	
Total Xylenes*	<0.150	0.150	11/18/2025	ND	6.51	108	6.00	3.95	
Total BTEX	<0.300	0.300	11/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	11/14/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2025	ND	185	92.6	200	1.46	
DRO >C10-C28*	<10.0	10.0	11/14/2025	ND	201	101	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	11/14/2025	ND					

Surrogate: 1-Chlorooctane 66.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 57.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	11/13/2025	Sampling Date:	11/11/2025
Reported:	11/19/2025	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21189-103.87076		

Sample ID: SS08 SURFACE (H257149-08)

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	11/18/2025	ND	2.21	111	2.00	3.23	
Toluene*	<0.050	0.050	11/18/2025	ND	2.21	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	11/18/2025	ND	2.15	108	2.00	4.42	
Total Xylenes*	<0.150	0.150	11/18/2025	ND	6.51	108	6.00	3.95	
Total BTEX	<0.300	0.300	11/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	11/14/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2025	ND	185	92.6	200	1.46	
DRO >C10-C28*	<10.0	10.0	11/14/2025	ND	201	101	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	11/14/2025	ND					

Surrogate: 1-Chlorooctane 75.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 63.1 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	11/13/2025	Sampling Date:	11/11/2025
Reported:	11/19/2025	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21189-103.87076		

Sample ID: SS09 SURFACE (H257149-09)

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	11/18/2025	ND	2.21	111	2.00	3.23	
Toluene*	<0.050	0.050	11/18/2025	ND	2.21	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	11/18/2025	ND	2.15	108	2.00	4.42	
Total Xylenes*	<0.150	0.150	11/18/2025	ND	6.51	108	6.00	3.95	
Total BTEX	<0.300	0.300	11/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/14/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2025	ND	185	92.6	200	1.46	
DRO >C10-C28*	<10.0	10.0	11/14/2025	ND	201	101	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	11/14/2025	ND					

Surrogate: 1-Chlorooctane 84.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.6 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	11/13/2025	Sampling Date:	11/11/2025
Reported:	11/19/2025	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21189-103.87076		

Sample ID: SS10 SURFACE (H257149-10)

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	11/18/2025	ND	2.21	111	2.00	3.23	
Toluene*	<0.050	0.050	11/18/2025	ND	2.21	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	11/18/2025	ND	2.15	108	2.00	4.42	
Total Xylenes*	<0.150	0.150	11/18/2025	ND	6.51	108	6.00	3.95	
Total BTEX	<0.300	0.300	11/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/14/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2025	ND	185	92.6	200	1.46	
DRO >C10-C28*	<10.0	10.0	11/14/2025	ND	201	101	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	11/14/2025	ND					

Surrogate: 1-Chlorooctane 77.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 66.7 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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January 23, 2026

JEREMY REICH
ENSOLUM, LLC
705 W WADLEY AVE.
MIDLAND, TX 79705

RE: PLU 22 DTD CVB - SPILLS

Enclosed are the results of analyses for samples received by the laboratory on 01/22/26 12:47.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	01/22/2026	Sampling Date:	01/21/2026
Reported:	01/23/2026	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.21189-103.87076		

Sample ID: CS 01 0.5' (H260413-01)

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	01/22/2026	ND	1.92	96.1	2.00	3.51	
Toluene*	<0.050	0.050	01/22/2026	ND	1.92	96.0	2.00	8.87	
Ethylbenzene*	<0.050	0.050	01/22/2026	ND	1.97	98.6	2.00	8.12	
Total Xylenes*	<0.150	0.150	01/22/2026	ND	6.08	101	6.00	7.77	
Total BTEX	<0.300	0.300	01/22/2026	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7200	16.0	01/23/2026	ND	432	108	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	01/22/2026	ND	208	104	200	0.859	
DRO >C10-C28*	638	10.0	01/22/2026	ND	199	99.3	200	4.31	
EXT DRO >C28-C36	138	10.0	01/22/2026	ND					

Surrogate: 1-Chlorooctane 80.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 104 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received: 01/22/2026
 Reported: 01/23/2026
 Project Name: PLU 22 DTD CVB - SPILLS
 Project Number: 03C1558775
 Project Location: XTO 32.21189-103.87076

Sampling Date: 01/21/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS 02 0.5' (H260413-02)

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	01/22/2026	ND	1.92	96.1	2.00	3.51		
Toluene*	<0.050	0.050	01/22/2026	ND	1.92	96.0	2.00	8.87		
Ethylbenzene*	<0.050	0.050	01/22/2026	ND	1.97	98.6	2.00	8.12		
Total Xylenes*	<0.150	0.150	01/22/2026	ND	6.08	101	6.00	7.77		
Total BTEX	<0.300	0.300	01/22/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	6080	16.0	01/23/2026	ND	432	108	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	01/22/2026	ND	208	104	200	0.859		
DRO >C10-C28*	212	10.0	01/22/2026	ND	199	99.3	200	4.31		
EXT DRO >C28-C36	24.3	10.0	01/22/2026	ND						

Surrogate: 1-Chlorooctane 87.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 98.1 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received: 01/22/2026
 Reported: 01/23/2026
 Project Name: PLU 22 DTD CVB - SPILLS
 Project Number: 03C1558775
 Project Location: XTO 32.21189-103.87076

Sampling Date: 01/21/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS 03 0.5' (H260413-03)

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	01/22/2026	ND	1.92	96.1	2.00	3.51		
Toluene*	<0.050	0.050	01/22/2026	ND	1.92	96.0	2.00	8.87		
Ethylbenzene*	<0.050	0.050	01/22/2026	ND	1.97	98.6	2.00	8.12		
Total Xylenes*	<0.150	0.150	01/22/2026	ND	6.08	101	6.00	7.77		
Total BTEX	<0.300	0.300	01/22/2026	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5680	16.0	01/23/2026	ND	432	108	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	01/22/2026	ND	208	104	200	0.859		
DRO >C10-C28*	<10.0	10.0	01/22/2026	ND	199	99.3	200	4.31		
EXT DRO >C28-C36	<10.0	10.0	01/22/2026	ND						

Surrogate: 1-Chlorooctane 97.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 98.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received: 01/22/2026
 Reported: 01/23/2026
 Project Name: PLU 22 DTD CVB - SPILLS
 Project Number: 03C1558775
 Project Location: XTO 32.21189-103.87076

Sampling Date: 01/21/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS 04 0.5' (H260413-04)

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	01/22/2026	ND	1.92	96.1	2.00	3.51	
Toluene*	<0.050	0.050	01/22/2026	ND	1.92	96.0	2.00	8.87	
Ethylbenzene*	<0.050	0.050	01/22/2026	ND	1.97	98.6	2.00	8.12	
Total Xylenes*	<0.150	0.150	01/22/2026	ND	6.08	101	6.00	7.77	
Total BTEX	<0.300	0.300	01/22/2026	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	848	16.0	01/23/2026	ND	432	108	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	01/22/2026	ND	208	104	200	0.859	
DRO >C10-C28*	<10.0	10.0	01/22/2026	ND	199	99.3	200	4.31	
EXT DRO >C28-C36	<10.0	10.0	01/22/2026	ND					

Surrogate: 1-Chlorooctane 92.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 92.5 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received: 01/22/2026
 Reported: 01/23/2026
 Project Name: PLU 22 DTD CVB - SPILLS
 Project Number: 03C1558775
 Project Location: XTO 32.21189-103.87076

Sampling Date: 01/21/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS 05 0.5' (H260413-05)

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	01/22/2026	ND	1.92	96.1	2.00	3.51		
Toluene*	<0.050	0.050	01/22/2026	ND	1.92	96.0	2.00	8.87		
Ethylbenzene*	<0.050	0.050	01/22/2026	ND	1.97	98.6	2.00	8.12		
Total Xylenes*	<0.150	0.150	01/22/2026	ND	6.08	101	6.00	7.77		
Total BTEX	<0.300	0.300	01/22/2026	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	01/23/2026	ND	432	108	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	01/22/2026	ND	208	104	200	0.859		
DRO >C10-C28*	<10.0	10.0	01/22/2026	ND	199	99.3	200	4.31		
EXT DRO >C28-C36	<10.0	10.0	01/22/2026	ND						

Surrogate: 1-Chlorooctane 86.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 86.9 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	01/22/2026	Sampling Date:	01/21/2026
Reported:	01/23/2026	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.21189-103.87076		

Sample ID: CS 06 0.5' (H260413-06)

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	01/22/2026	ND	1.92	96.1	2.00	3.51	
Toluene*	<0.050	0.050	01/22/2026	ND	1.92	96.0	2.00	8.87	
Ethylbenzene*	<0.050	0.050	01/22/2026	ND	1.97	98.6	2.00	8.12	
Total Xylenes*	<0.150	0.150	01/22/2026	ND	6.08	101	6.00	7.77	
Total BTEX	<0.300	0.300	01/22/2026	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	416	16.0	01/23/2026	ND	432	108	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	01/22/2026	ND	208	104	200	0.859	
DRO >C10-C28*	<10.0	10.0	01/22/2026	ND	199	99.3	200	4.31	
EXT DRO >C28-C36	<10.0	10.0	01/22/2026	ND					

Surrogate: 1-Chlorooctane 88.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 87.1 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received: 01/22/2026
 Reported: 01/23/2026
 Project Name: PLU 22 DTD CVB - SPILLS
 Project Number: 03C1558775
 Project Location: XTO 32.21189-103.87076

Sampling Date: 01/21/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS 07 0.5' (H260413-07)

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	01/22/2026	ND	1.92	96.1	2.00	3.51	
Toluene*	<0.050	0.050	01/22/2026	ND	1.92	96.0	2.00	8.87	
Ethylbenzene*	<0.050	0.050	01/22/2026	ND	1.97	98.6	2.00	8.12	
Total Xylenes*	<0.150	0.150	01/22/2026	ND	6.08	101	6.00	7.77	
Total BTEX	<0.300	0.300	01/22/2026	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	3440	16.0	01/23/2026	ND	432	108	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	01/22/2026	ND	208	104	200	0.859	
DRO >C10-C28*	1050	10.0	01/22/2026	ND	199	99.3	200	4.31	
EXT DRO >C28-C36	195	10.0	01/22/2026	ND					

Surrogate: 1-Chlorooctane 69.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 104 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	01/22/2026	Sampling Date:	01/21/2026
Reported:	01/23/2026	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.21189-103.87076		

Sample ID: CS 08 0.5' (H260413-08)

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	01/22/2026	ND	1.92	96.1	2.00	3.51		
Toluene*	<0.050	0.050	01/22/2026	ND	1.92	96.0	2.00	8.87		
Ethylbenzene*	<0.050	0.050	01/22/2026	ND	1.97	98.6	2.00	8.12		
Total Xylenes*	<0.150	0.150	01/22/2026	ND	6.08	101	6.00	7.77		
Total BTEX	<0.300	0.300	01/22/2026	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4240	16.0	01/23/2026	ND	432	108	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	01/22/2026	ND	208	104	200	0.859		
DRO >C10-C28*	105	10.0	01/22/2026	ND	199	99.3	200	4.31		
EXT DRO >C28-C36	17.2	10.0	01/22/2026	ND						

Surrogate: 1-Chlorooctane 91.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 96.8 % 39.9-141

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Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received: 01/22/2026
 Reported: 01/23/2026
 Project Name: PLU 22 DTD CVB - SPILLS
 Project Number: 03C1558775
 Project Location: XTO 32.21189-103.87076

Sampling Date: 01/21/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS 09 0.5' (H260413-09)

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	01/22/2026	ND	1.92	96.1	2.00	3.51	
Toluene*	<0.050	0.050	01/22/2026	ND	1.92	96.0	2.00	8.87	
Ethylbenzene*	<0.050	0.050	01/22/2026	ND	1.97	98.6	2.00	8.12	
Total Xylenes*	<0.150	0.150	01/22/2026	ND	6.08	101	6.00	7.77	
Total BTEX	<0.300	0.300	01/22/2026	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8000	16.0	01/23/2026	ND	432	108	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	01/22/2026	ND	208	104	200	0.859	
DRO >C10-C28*	310	10.0	01/22/2026	ND	199	99.3	200	4.31	
EXT DRO >C28-C36	61.1	10.0	01/22/2026	ND					

Surrogate: 1-Chlorooctane 88.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 99.7 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

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

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*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 10 of 12

Company Name: Ensolum, LLC	P.O. #:	BILL TO	ANALYSIS REQUEST
Project Manager: Jeremy Reich	Company: XTO Energy		
Address: 3122 National Parks Hwy	Attn: Dale Woodall		
City: Carlsbad	Address: 3104 E Green St		
Phone #: 970-210-9803	City: Carlsbad		
Fax #:	State: NM Zip: 88220		
Project #: 03C1558775	Project Owner: XTO Energy		
Project Name: PLU 22 DTD CVB	State: NM Zip: 88220		
Project Location: 32 21 189, -103.87076	Phone #:		
Sampler Name: Jacob Harrison	Fax #:		

Lab I.D.	Sample I.D.	Sample Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	TPH (8015M/D)	Chloride (4500)	BTEX (8021B)
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
H1600413	CS01	0.5	C	1	X							1/21/26	10:01	X	X	X
	CS02	0.5	C	1	X							1/21/26	10:03	X	X	X
	CS03	0.5	C	1	X							1/21/26	13:00	X	X	X
	CS04	0.5	C	1	X							1/21/26	11:05	X	X	X
	CS05	0.5	C	1	X							1/21/26	11:07	X	X	X
	CS06	0.5	C	1	X							1/21/26	13:45	X	X	X
	CS07	0.5	C	1	X							1/21/26	13:46	X	X	X
	CS08	0.5	C	1	X							1/21/26	13:51	X	X	X
	CS09	0.5	C	1	X							1/21/26	13:54	X	X	X

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Relinquished By: [Signature]

Received By: [Signature]

Date: 1/23/26

Time: 12:47

Observed Temp. °C: 4.4

Corrected Temp. °C: 4.5

Sample Condition: Cool Intact

Checked By: [Signature]

Turnaround Time: 10-12 hrs

Standard: **Bacteria (only) Sample Condition:** Cool Intact

Thermometer ID #140 **Correction Factor: -0.02**

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

Remarks: CS 10403401K

Delivered By: (Circle One) **Sampler - UPS - Bus - Other:** FORM-006 R 3.6 02/12/25

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



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

March 06, 2026

JEREMY REICH

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: PLU 22 DTD CVB - SPILLS

Enclosed are the results of analyses for samples received by the laboratory on 03/05/26 13:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM, LLC
 JEREMY REICH
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	03/05/2026	Sampling Date:	03/03/2026
Reported:	03/06/2026	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB - SPILLS	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21189-103.87076		

Sample ID: SW02 0-0.75' (H261233-01)

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	03/05/2026	ND	1.99	99.6	2.00	5.23	
Toluene*	<0.050	0.050	03/05/2026	ND	1.89	94.4	2.00	4.42	
Ethylbenzene*	<0.050	0.050	03/05/2026	ND	1.79	89.7	2.00	5.44	
Total Xylenes*	<0.150	0.150	03/05/2026	ND	5.58	93.0	6.00	5.40	
Total BTEX	<0.300	0.300	03/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	784	16.0	03/06/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2026	ND	202	101	200	7.57	
DRO >C10-C28*	723	10.0	03/05/2026	ND	193	96.7	200	9.15	
EXT DRO >C28-C36	175	10.0	03/05/2026	ND					

Surrogate: 1-Chlorooctane 72.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 95.7 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

Company Name: Ensolum, LLC Project Manager: Jeremy Reich Address: 3122 National Parks Hwy City: Carlsbad State: NM Zip: 88220 Phone #: 970-210-9803 Fax #: Project #: 03C1558775 Project Owner: XTO Energy Project Name: PLU 22 DTD CVB Project Location: 32 21189, -103.87076 Sampler Name: Jacob Harrison		P.O. #: Company: XTO Energy Attn: Dale Woodall Address: 3104 E Green St City: Carlsbad State: NM Zip: 88220 Phone #: Fax #:	
FOR LAB USE ONLY Lab I.D.: H061833 Sample I.D.: SW02 Sample Depth: 0-0.75 (G)RAB OR (C)OMP. # CONTAINERS: C 1 MATRIX: <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER: <input checked="" type="checkbox"/> DATE: 5/3/26 TIME: 1338 TPH (8015M/D) <input checked="" type="checkbox"/> Chloride (4500) <input checked="" type="checkbox"/> BTEX (8021B) <input checked="" type="checkbox"/> JMH		BILL TO ANALYSIS REQUEST	
Relinquished By: [Signature] Date: 3-5-26 Time: 1345 Received By: [Signature] Date: Time:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address: jreich@ensolum.com / tmorrissey@ensolum.com / kthomason@ensolum.com / richard.kotzur@exxonmobil.com / jharrison@ensolum.com REMARKS: CC: 2210431001 / GFCM: 48605000 / NAPP2530745190 OS 0102401K	
Delivered By: (Circle One) Sample - UPS - Bus - Other: FORM-006 R 3.6 02/12/25		Observed Temp. °C: 0.4 Corrected Temp. °C: 0.5 Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact Turnaround Time: Standard <input checked="" type="checkbox"/> Rush Bacteria (only) Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact Thermometer ID #140 Correction factor: 1.01	

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



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

March 06, 2026

JEREMY REICH

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 22 DTD CVB

Enclosed are the results of analyses for samples received by the laboratory on 03/05/26 13:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
 JEREMY REICH
 3122 NATIONAL PARKS HWY
 CARLSBAD NM, 88220
 Fax To:

Received:	03/05/2026	Sampling Date:	03/03/2026
Reported:	03/06/2026	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21189, -103.87076		

Sample ID: CS 07A 0.75 (H261234-01)

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	03/05/2026	ND	1.99	99.6	2.00	5.23	
Toluene*	<0.050	0.050	03/05/2026	ND	1.89	94.4	2.00	4.42	
Ethylbenzene*	<0.050	0.050	03/05/2026	ND	1.79	89.7	2.00	5.44	
Total Xylenes*	<0.150	0.150	03/05/2026	ND	5.58	93.0	6.00	5.40	
Total BTEX	<0.300	0.300	03/05/2026	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	816	16.0	03/06/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2026	ND	202	101	200	7.57	
DRO >C10-C28*	745	10.0	03/05/2026	ND	193	96.7	200	9.15	
EXT DRO >C28-C36	198	10.0	03/05/2026	ND					

Surrogate: 1-Chlorooctane 78.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 102 % 39.9-141

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
 JEREMY REICH
 3122 NATIONAL PARKS HWY
 CARLSBAD NM, 88220
 Fax To:

Received:	03/05/2026	Sampling Date:	03/03/2026
Reported:	03/06/2026	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Tamara Oldaker
Project Location:	XTO 32.21189, -103.87076		

Sample ID: CS 10A 0.75 (H261234-02)

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	03/05/2026	ND	1.99	99.6	2.00	5.23	
Toluene*	<0.050	0.050	03/05/2026	ND	1.89	94.4	2.00	4.42	
Ethylbenzene*	<0.050	0.050	03/05/2026	ND	1.79	89.7	2.00	5.44	
Total Xylenes*	<0.150	0.150	03/05/2026	ND	5.58	93.0	6.00	5.40	
Total BTEX	<0.300	0.300	03/05/2026	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	03/06/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/05/2026	ND	202	101	200	7.57		
DRO >C10-C28*	2730	10.0	03/05/2026	ND	193	96.7	200	9.15		
EXT DRO >C28-C36	416	10.0	03/05/2026	ND						

Surrogate: 1-Chlorooctane 73.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 154 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

ANALYSIS REQUEST

Company Name: Ensolum, LLC	P.O. #:	BILL TO	
Project Manager: Jeremy Reich	Company: XTO Energy		
Address: 3122 National Parks Hwy	Attn: Dale Woodall		
City: Carlsbad	Address: 3104 E Green St		
Phone #: 970-210-9803	City: Carlsbad		
Project #: 03C1558775	State: NM Zip: 88220		
Project Name: PLU 22 DTD CVB	Phone #:		
Project Location: 32.21189, -103.87076	Fax #:		
Sampler Name: Jacob Harrison			

Lab I.D.	Sample I.D.	Sample Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:			ICE / COOL
Hole 1334	CS07A	0.75	C	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3/3/26	1140
	CS10A	0.75	C	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3/3/26	1334

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 analysis. 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 interruption, 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 remedies or otherwise.

Relinquished By: *[Signature]* Date: 3-5-26 Time: 1:35

Received By: *[Signature]* Received By: *[Signature]*

Turnaround Time: Standard Rush Add'l Phone #:

REMARKS: CC: 2210431001 / GFCM: 48605000 / NAPP2530745190

Delivered By: (Circle One) Observed Temp. °C: 0.4 Corrected Temp. °C: 0.5

Sampler: UPS Bus Other: FORM-006 R 3.6 02/12/25

Sample Condition: Cool Intact Bacteria (only) Sample Condition Observed Temp. °C: Corrected Temp. °C:

CHECKED BY: *[Signature]*

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



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

March 25, 2026

JEREMY REICH

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 22 DTD CVB

Enclosed are the results of analyses for samples received by the laboratory on 03/19/26 13:50.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
 JEREMY REICH
 3122 NATIONAL PARKS HWY
 CARLSBAD NM, 88220
 Fax To:

Received:	03/19/2026	Sampling Date:	03/17/2026
Reported:	03/25/2026	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21189, -103.87076		

Sample ID: SS12 SURF (H261540-01)

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	03/20/2026	ND	2.23	112	2.00	3.02	
Toluene*	<0.050	0.050	03/20/2026	ND	2.09	105	2.00	4.81	
Ethylbenzene*	<0.050	0.050	03/20/2026	ND	1.99	99.5	2.00	6.78	
Total Xylenes*	<0.150	0.150	03/20/2026	ND	6.05	101	6.00	8.24	
Total BTEX	<0.300	0.300	03/20/2026	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/20/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/20/2026	ND	194	96.9	200	0.319	
DRO >C10-C28*	<10.0	10.0	03/20/2026	ND	206	103	200	0.448	
EXT DRO >C28-C36	<10.0	10.0	03/20/2026	ND					

Surrogate: 1-Chlorooctane 74.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 69.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
 JEREMY REICH
 3122 NATIONAL PARKS HWY
 CARLSBAD NM, 88220
 Fax To:

Received:	03/19/2026	Sampling Date:	03/17/2026
Reported:	03/25/2026	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21189, -103.87076		

Sample ID: SS17 SURF (H261540-02)

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	03/20/2026	ND	2.23	112	2.00	3.02	
Toluene*	<0.050	0.050	03/20/2026	ND	2.09	105	2.00	4.81	
Ethylbenzene*	<0.050	0.050	03/20/2026	ND	1.99	99.5	2.00	6.78	
Total Xylenes*	<0.150	0.150	03/20/2026	ND	6.05	101	6.00	8.24	
Total BTEX	<0.300	0.300	03/20/2026	ND					

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

Chloride, SM4500CI-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	03/20/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/20/2026	ND	194	96.9	200	0.319	
DRO >C10-C28*	<10.0	10.0	03/20/2026	ND	206	103	200	0.448	
EXT DRO >C28-C36	<10.0	10.0	03/20/2026	ND					

Surrogate: 1-Chlorooctane 71.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 64.7 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
 JEREMY REICH
 3122 NATIONAL PARKS HWY
 CARLSBAD NM, 88220
 Fax To:

Received:	03/19/2026	Sampling Date:	03/17/2026
Reported:	03/25/2026	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21189, -103.87076		

Sample ID: SS16 SURF (H261540-03)

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	03/20/2026	ND	2.23	112	2.00	3.02	
Toluene*	<0.050	0.050	03/20/2026	ND	2.09	105	2.00	4.81	
Ethylbenzene*	<0.050	0.050	03/20/2026	ND	1.99	99.5	2.00	6.78	
Total Xylenes*	<0.150	0.150	03/20/2026	ND	6.05	101	6.00	8.24	
Total BTEX	<0.300	0.300	03/20/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/20/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/20/2026	ND	194	96.9	200	0.319	
DRO >C10-C28*	<10.0	10.0	03/20/2026	ND	206	103	200	0.448	
EXT DRO >C28-C36	<10.0	10.0	03/20/2026	ND					

Surrogate: 1-Chlorooctane 78.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 73.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
 JEREMY REICH
 3122 NATIONAL PARKS HWY
 CARLSBAD NM, 88220
 Fax To:

Received:	03/19/2026	Sampling Date:	03/17/2026
Reported:	03/25/2026	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21189, -103.87076		

Sample ID: SS19 SURF (H261540-04)

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	03/20/2026	ND	2.23	112	2.00	3.02	
Toluene*	<0.050	0.050	03/20/2026	ND	2.09	105	2.00	4.81	
Ethylbenzene*	<0.050	0.050	03/20/2026	ND	1.99	99.5	2.00	6.78	
Total Xylenes*	<0.150	0.150	03/20/2026	ND	6.05	101	6.00	8.24	
Total BTEX	<0.300	0.300	03/20/2026	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	03/20/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/20/2026	ND	194	96.9	200	0.319	
DRO >C10-C28*	<10.0	10.0	03/20/2026	ND	206	103	200	0.448	
EXT DRO >C28-C36	<10.0	10.0	03/20/2026	ND					

Surrogate: 1-Chlorooctane 66.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 59.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
 JEREMY REICH
 3122 NATIONAL PARKS HWY
 CARLSBAD NM, 88220
 Fax To:

Received:	03/19/2026	Sampling Date:	03/17/2026
Reported:	03/25/2026	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Alyssa Parras
Project Location:	XTO 32.21189, -103.87076		

Sample ID: SS20 SURF (H261540-05)

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	03/20/2026	ND	2.23	112	2.00	3.02	
Toluene*	<0.050	0.050	03/20/2026	ND	2.09	105	2.00	4.81	
Ethylbenzene*	<0.050	0.050	03/20/2026	ND	1.99	99.5	2.00	6.78	
Total Xylenes*	<0.150	0.150	03/20/2026	ND	6.05	101	6.00	8.24	
Total BTEX	<0.300	0.300	03/20/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	03/20/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/20/2026	ND	200	99.9	200	0.387	
DRO >C10-C28*	<10.0	10.0	03/20/2026	ND	194	96.9	200	0.522	
EXT DRO >C28-C36	<10.0	10.0	03/20/2026	ND					

Surrogate: 1-Chlorooctane 63.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 58.8 % 39.9-141

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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
A-01 eccv failed high biased all samples nd
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum, LLC	P.O. #:
Project Manager: Jeremy Reich	Company: XTO Energy
Address: 3122 National Parks Hwy	Attn: Dale Woodall
City: Carlsbad	Address: 3104 E Green St
Phone #: 970-210-9803	City: Carlsbad
Fax #:	State: NM Zip: 88220
Project #: 03C1558775	Project Owner: XTO Energy
Project Name: PLU 22 DTD CVB	Phone #:
Project Location: 32 21189, -103.87076	Fax #:
Sampler Name: Jacob Harrison	

Lab I.D.	Sample I.D.	Sample Depth	PRESERV		DATE	TIME	ANALYSIS REQUEST		
			ICE / COOL	OTHER			TPH (8015M/D)	Chloride (4500)	BTEX (8021B)
12345	SS12	Surf	<input checked="" type="checkbox"/>		3/17/2026	1030	/	/	/
	SS17		<input checked="" type="checkbox"/>			918	/	/	/
	SS16		<input checked="" type="checkbox"/>			916	/	/	/
	SS19		<input checked="" type="checkbox"/>			922	/	/	/
	SS20		<input checked="" type="checkbox"/>			924	/	/	/

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Relinquished By: *[Signature]* **Date:** 5/19/26 **Received By:** *[Signature]* **Date:** 5/19/26

Relinquished By: *[Signature]* **Date:** 5/19/26 **Received By:** *[Signature]* **Date:** 5/19/26

Delivered By: (Circle One) **Observed Temp. °C:** 09.5 **Sample Condition:** Cool Intact

Sampler: UPS - Bus - Other: FORM-006 R 3.6 02/12/25 **Corrected Temp. °C:** 10.5 **Checked By:** *[Signature]*

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



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

April 14, 2026

BEN BELILL

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: PLU 22 DTD CVB

Enclosed are the results of analyses for samples received by the laboratory on 04/09/26 11:57.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
 BEN BELILL
 3122 NATIONAL PARKS HWY
 CARLSBAD NM, 88220
 Fax To:

Received:	04/09/2026	Sampling Date:	04/09/2026
Reported:	04/14/2026	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.21189, -103.87076		

Sample ID: BH 05 SURF (H262015-01)

BTEX 8021B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/10/2026	ND	2.07	104	2.00	4.43	
Toluene*	0.499	0.050	04/10/2026	ND	1.95	97.6	2.00	4.15	
Ethylbenzene*	<0.050	0.050	04/10/2026	ND	1.89	94.7	2.00	4.41	
Total Xylenes*	<0.150	0.150	04/10/2026	ND	5.53	92.2	6.00	4.08	
Total BTEX	0.499	0.300	04/10/2026	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14200	16.0	04/10/2026	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JF						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/09/2026	ND	194	97.1	200	5.18		
DRO >C10-C28*	5770	10.0	04/09/2026	ND	183	91.6	200	5.10		
EXT DRO >C28-C36	703	10.0	04/09/2026	ND						

Surrogate: 1-Chlorooctane 77.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 277 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
 BEN BELILL
 3122 NATIONAL PARKS HWY
 CARLSBAD NM, 88220
 Fax To:

Received:	04/09/2026	Sampling Date:	04/09/2026
Reported:	04/14/2026	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.21189, -103.87076		

Sample ID: BH 05A 0.5 (H262015-02)

BTEX 8021B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/10/2026	ND	2.07	104	2.00	4.43	
Toluene*	<0.050	0.050	04/10/2026	ND	1.95	97.6	2.00	4.15	
Ethylbenzene*	<0.050	0.050	04/10/2026	ND	1.89	94.7	2.00	4.41	
Total Xylenes*	<0.150	0.150	04/10/2026	ND	5.53	92.2	6.00	4.08	
Total BTEX	<0.300	0.300	04/10/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/10/2026	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	04/09/2026	ND	194	97.1	200	5.18	
DRO >C10-C28*	54.3	10.0	04/09/2026	ND	183	91.6	200	5.10	
EXT DRO >C28-C36	<10.0	10.0	04/09/2026	ND					

Surrogate: 1-Chlorooctane 75.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.7 % 39.9-141

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Analytical Results For:

ENSOLUM
 BEN BELILL
 3122 NATIONAL PARKS HWY
 CARLSBAD NM, 88220
 Fax To:

Received:	04/09/2026	Sampling Date:	04/09/2026
Reported:	04/14/2026	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.21189, -103.87076		

Sample ID: BH 05B 1 (H262015-03)

BTEX 8021B		mg/kg		Analyzed By: SK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/10/2026	ND	2.07	104	2.00	4.43		
Toluene*	<0.050	0.050	04/10/2026	ND	1.95	97.6	2.00	4.15		
Ethylbenzene*	<0.050	0.050	04/10/2026	ND	1.89	94.7	2.00	4.41		
Total Xylenes*	<0.150	0.150	04/10/2026	ND	5.53	92.2	6.00	4.08		
Total BTEX	<0.300	0.300	04/10/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/10/2026	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	04/09/2026	ND	194	97.1	200	5.18		
DRO >C10-C28*	<10.0	10.0	04/09/2026	ND	183	91.6	200	5.10		
EXT DRO >C28-C36	<10.0	10.0	04/09/2026	ND						

Surrogate: 1-Chlorooctane 76.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.0 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
 BEN BELILL
 3122 NATIONAL PARKS HWY
 CARLSBAD NM, 88220
 Fax To:

Received:	04/09/2026	Sampling Date:	04/09/2026
Reported:	04/14/2026	Sampling Type:	Soil
Project Name:	PLU 22 DTD CVB	Sampling Condition:	Cool & Intact
Project Number:	03C1558775	Sample Received By:	Shalyn Rodriguez
Project Location:	XTO 32.21189, -103.87076		

Sample ID: BH 05C 2 (H262015-04)

BTEX 8021B		mg/kg		Analyzed By: SK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/10/2026	ND	2.07	104	2.00	4.43		
Toluene*	<0.050	0.050	04/10/2026	ND	1.95	97.6	2.00	4.15		
Ethylbenzene*	<0.050	0.050	04/10/2026	ND	1.89	94.7	2.00	4.41		
Total Xylenes*	<0.150	0.150	04/10/2026	ND	5.53	92.2	6.00	4.08		
Total BTEX	<0.300	0.300	04/10/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/10/2026	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	04/09/2026	ND	194	97.1	200	5.18		
DRO >C10-C28*	<10.0	10.0	04/09/2026	ND	183	91.6	200	5.10		
EXT DRO >C28-C36	<10.0	10.0	04/09/2026	ND						

Surrogate: 1-Chlorooctane 78.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 78.4 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum, LLC
 Project Manager: Jenn Reick
 Address: 3122 National Parks Hwy
 City: Carlsbad State: NM Zip: 88220
 Phone #: 970-210-9803 Fax #:
 Project #: 036558775 Project Owner: XTO Energy
 Project Name: PLV 22 DTO CV8
 Project Location: 3221199, -103.87076
 Sampler Name: Jacob Harrison
 P.O. #:
 Company: XTO Energy
 Attn: Dale Woodall
 Address: 3104 E Green St
 City: Carlsbad
 State: NM Zip: 88220
 Phone #:
 Fax #:

Lab I.D.	Sample I.D.	Sample Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:			
Hal-2015	BH05	Surf		5							4/9/26	936	TPH	
	BH05A	0.5		1							4/9/26	940	BTEX	
	BH05B	1		1							4/9/26	942	Chlorides	
	BH05C	2		1							4/9/26	944		

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Relinquished By: *JM* Date: *4-9-26* Received By: *Spodkigny*
 Time: *157*
 Date: Received By: *Spodkigny*

Delivered By: (Circle One) Observed Temp. °C: *1.7* Sample Condition: Cool Intact
 Corrected Temp. °C: *1.8* Yes No
 Checked By: *SR*
 Turbidity Time: *Standard* Standard Flush
 Thermometer ID #140: *72-hr*
 Correction Factor: *10.1*
 Bacteria (only) Sample Condition: Cool Intact
 Yes No Yes No Corrected Temp. °C

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jeremy Reich
 Ensolum
 601 N. Marienfeld St.
 Suite 400
 Midland, Texas 79701

Generated 1/22/2026 11:03:15 AM

JOB DESCRIPTION

PLU 22 DTD CVB
 03C1558775

JOB NUMBER

890-9386-1

Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad NM 88220



Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
1/22/2026 11:03:15 AM

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

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Client: Ensolum
Project/Site: PLU 22 DTD CVB

Laboratory Job ID: 890-9386-1
SDG: 03C1558775

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Definitions/Glossary

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9386-1
SDG: 03C1558775

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Ensolum
Project: PLU 22 DTD CVB

Job ID: 890-9386-1

Job ID: 890-9386-1

Eurofins Carlsbad

Job Narrative 890-9386-1

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 1/21/2026 12:25 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SW 01 (890-9386-1), FS 01 (890-9386-2), FS 02 (890-9386-3) and FS 03 (890-9386-4).

GC VOA

Method 8021B: Spike compounds were inadvertently omitted during the extraction process for the matrix spike/matrix spike duplicate (MS/MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-129637 and analytical batch 880-129504. The associated laboratory control sample (LCS) met acceptance criteria.

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: Surrogate recovery for the following samples were outside control limits: (880-67285-A-1-E MS) and (880-67285-A-1-F MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-129605/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: FS 02 (890-9386-3) and (880-67285-A-1-D). 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 880-129606 and analytical batch 880-129617 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

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Client Sample Results

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9386-1
SDG: 03C1558775

Client Sample ID: SW 01

Lab Sample ID: 890-9386-1

Date Collected: 01/20/26 12:54

Matrix: Solid

Date Received: 01/21/26 12:25

Sample Depth: 0-1

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		01/21/26 20:00	01/22/26 05:21	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/21/26 20:00	01/22/26 05:21	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/21/26 20:00	01/22/26 05:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/21/26 20:00	01/22/26 05:21	1
o-Xylene	0.00289		0.00201	mg/Kg		01/21/26 20:00	01/22/26 05:21	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/21/26 20:00	01/22/26 05:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	01/21/26 20:00	01/22/26 05:21	1
1,4-Difluorobenzene (Surr)	87		70 - 130	01/21/26 20:00	01/22/26 05:21	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			01/22/26 05:21	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7	mg/Kg			01/22/26 02:12	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	<49.7	U	49.7	mg/Kg		01/21/26 16:36	01/22/26 02:12	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7	mg/Kg		01/21/26 16:36	01/22/26 02:12	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7	mg/Kg		01/21/26 16:36	01/22/26 02:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	01/21/26 16:36	01/22/26 02:12	1
o-Terphenyl	124		70 - 130	01/21/26 16:36	01/22/26 02:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1460		49.6	mg/Kg			01/22/26 10:36	5

Client Sample ID: FS 01

Lab Sample ID: 890-9386-2

Date Collected: 01/20/26 12:56

Matrix: Solid

Date Received: 01/21/26 12:25

Sample Depth: 1

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		01/21/26 20:00	01/22/26 05:41	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/21/26 20:00	01/22/26 05:41	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/21/26 20:00	01/22/26 05:41	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		01/21/26 20:00	01/22/26 05:41	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/21/26 20:00	01/22/26 05:41	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		01/21/26 20:00	01/22/26 05:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	01/21/26 20:00	01/22/26 05:41	1

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Client Sample Results

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9386-1
SDG: 03C1558775

Client Sample ID: FS 01

Lab Sample ID: 890-9386-2

Date Collected: 01/20/26 12:56

Matrix: Solid

Date Received: 01/21/26 12:25

Sample Depth: 1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	76		70 - 130	01/21/26 20:00	01/22/26 05:41	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			01/22/26 05:41	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			01/22/26 02:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/21/26 16:36	01/22/26 02:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/21/26 16:36	01/22/26 02:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/21/26 16:36	01/22/26 02:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	01/21/26 16:36	01/22/26 02:26	1
o-Terphenyl	123		70 - 130	01/21/26 16:36	01/22/26 02:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	161		10.1	mg/Kg			01/22/26 10:41	1

Client Sample ID: FS 02

Lab Sample ID: 890-9386-3

Date Collected: 01/20/26 12:58

Matrix: Solid

Date Received: 01/21/26 12:25

Sample Depth: 1

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		01/21/26 20:00	01/22/26 06:02	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/21/26 20:00	01/22/26 06:02	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/21/26 20:00	01/22/26 06:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/21/26 20:00	01/22/26 06:02	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/21/26 20:00	01/22/26 06:02	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/21/26 20:00	01/22/26 06:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	01/21/26 20:00	01/22/26 06:02	1
1,4-Difluorobenzene (Surr)	92		70 - 130	01/21/26 20:00	01/22/26 06:02	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			01/22/26 06:02	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			01/22/26 02:40	1

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9386-1
SDG: 03C1558775

Client Sample ID: FS 02

Lab Sample ID: 890-9386-3

Date Collected: 01/20/26 12:58

Matrix: Solid

Date Received: 01/21/26 12:25

Sample Depth: 1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1	mg/Kg		01/21/26 16:36	01/22/26 02:40	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		01/21/26 16:36	01/22/26 02:40	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		01/21/26 16:36	01/22/26 02:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130	01/21/26 16:36	01/22/26 02:40	1
o-Terphenyl	131	S1+	70 - 130	01/21/26 16:36	01/22/26 02:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1520		50.3	mg/Kg			01/22/26 10:46	5

Client Sample ID: FS 03

Lab Sample ID: 890-9386-4

Date Collected: 01/20/26 13:00

Matrix: Solid

Date Received: 01/21/26 12:25

Sample Depth: 1

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		01/21/26 20:00	01/22/26 06:22	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/21/26 20:00	01/22/26 06:22	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/21/26 20:00	01/22/26 06:22	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		01/21/26 20:00	01/22/26 06:22	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/21/26 20:00	01/22/26 06:22	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/21/26 20:00	01/22/26 06:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	01/21/26 20:00	01/22/26 06:22	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/21/26 20:00	01/22/26 06:22	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			01/22/26 06:22	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			01/22/26 02:54	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		01/21/26 16:36	01/22/26 02:54	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		01/21/26 16:36	01/22/26 02:54	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		01/21/26 16:36	01/22/26 02:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130	01/21/26 16:36	01/22/26 02:54	1
o-Terphenyl	127		70 - 130	01/21/26 16:36	01/22/26 02:54	1

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Client Sample Results

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9386-1
SDG: 03C1558775

Client Sample ID: FS 03

Lab Sample ID: 890-9386-4

Date Collected: 01/20/26 13:00

Matrix: Solid

Date Received: 01/21/26 12:25

Sample Depth: 1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		10.1	mg/Kg			01/22/26 10:51	1

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

Surrogate Summary

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9386-1
SDG: 03C1558775

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)
880-67285-A-1-J MS	Matrix Spike	101	95
880-67285-A-1-K MSD	Matrix Spike Duplicate	105	93
890-9386-1	SW 01	94	87
890-9386-2	FS 01	81	76
890-9386-3	FS 02	102	92
890-9386-4	FS 03	98	94
LCS 880-129637/1-A	Lab Control Sample	110	95
LCSD 880-129637/2-A	Lab Control Sample Dup	107	97
MB 880-129454/5-A	Method Blank	103	88
MB 880-129637/5-A	Method Blank	105	87

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)
880-67285-A-1-E MS	Matrix Spike	139 S1+	127
880-67285-A-1-F MSD	Matrix Spike Duplicate	139 S1+	127
890-9386-1	SW 01	121	124
890-9386-2	FS 01	119	123
890-9386-3	FS 02	128	131 S1+
890-9386-4	FS 03	126	127
LCS 880-129605/2-A	Lab Control Sample	124	116
LCSD 880-129605/3-A	Lab Control Sample Dup	134 S1+	123
MB 880-129605/1-A	Method Blank	88	93

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9386-1
SDG: 03C1558775

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-129454/5-A
Matrix: Solid
Analysis Batch: 129504

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 129454

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/20/26 12:06	01/21/26 11:23	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/20/26 12:06	01/21/26 11:23	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/20/26 12:06	01/21/26 11:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/20/26 12:06	01/21/26 11:23	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/20/26 12:06	01/21/26 11:23	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/20/26 12:06	01/21/26 11:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	01/20/26 12:06	01/21/26 11:23	1
1,4-Difluorobenzene (Surr)	88		70 - 130	01/20/26 12:06	01/21/26 11:23	1

Lab Sample ID: MB 880-129637/5-A
Matrix: Solid
Analysis Batch: 129504

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 129637

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/21/26 20:00	01/21/26 22:18	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/21/26 20:00	01/21/26 22:18	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/21/26 20:00	01/21/26 22:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/21/26 20:00	01/21/26 22:18	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/21/26 20:00	01/21/26 22:18	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/21/26 20:00	01/21/26 22:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	01/21/26 20:00	01/21/26 22:18	1
1,4-Difluorobenzene (Surr)	87		70 - 130	01/21/26 20:00	01/21/26 22:18	1

Lab Sample ID: LCS 880-129637/1-A
Matrix: Solid
Analysis Batch: 129504

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 129637

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08662		mg/Kg		87	70 - 130
Toluene	0.100	0.08970		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.08820		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	0.200	0.1962		mg/Kg		98	70 - 130
o-Xylene	0.100	0.09691		mg/Kg		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-129637/2-A
Matrix: Solid
Analysis Batch: 129504

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 129637

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08598		mg/Kg		86	70 - 130	1	35

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QC Sample Results

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9386-1
SDG: 03C1558775

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

Lab Sample ID: LCSD 880-129637/2-A
Matrix: Solid
Analysis Batch: 129504

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 129637

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Toluene	0.100	0.09111		mg/Kg		91	70 - 130	2	35	
Ethylbenzene	0.100	0.08778		mg/Kg		88	70 - 130	0	35	
m-Xylene & p-Xylene	0.200	0.1999		mg/Kg		100	70 - 130	2	35	
o-Xylene	0.100	0.09948		mg/Kg		99	70 - 130	3	35	
		LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	107		70 - 130							
1,4-Difluorobenzene (Surr)	97		70 - 130							

Lab Sample ID: 880-67285-A-1-J MS
Matrix: Solid
Analysis Batch: 129504

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 129637

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130		
Toluene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130		
Ethylbenzene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130		
m-Xylene & p-Xylene	<0.00399	U F1	0.200	<0.00400	U F1	mg/Kg		0	70 - 130		
o-Xylene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130		
		MS	MS								
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	101		70 - 130								
1,4-Difluorobenzene (Surr)	95		70 - 130								

Lab Sample ID: 880-67285-A-1-K MSD
Matrix: Solid
Analysis Batch: 129504

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 129637

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		2	70 - 130	NC	35
Toluene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
Ethylbenzene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	<0.00400	U F1	mg/Kg		0	70 - 130	NC	35
o-Xylene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
		MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	105		70 - 130								
1,4-Difluorobenzene (Surr)	93		70 - 130								

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

Lab Sample ID: MB 880-129605/1-A
Matrix: Solid
Analysis Batch: 129501

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 129605

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		01/21/26 16:36	01/21/26 21:15	1

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QC Sample Results

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9386-1
SDG: 03C1558775

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

Lab Sample ID: MB 880-129605/1-A
Matrix: Solid
Analysis Batch: 129501

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 129605

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/21/26 16:36	01/21/26 21:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/21/26 16:36	01/21/26 21:15	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	88		70 - 130	01/21/26 16:36	01/21/26 21:15	1
o-Terphenyl	93		70 - 130	01/21/26 16:36	01/21/26 21:15	1

Lab Sample ID: LCS 880-129605/2-A
Matrix: Solid
Analysis Batch: 129501

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 129605

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1154		mg/Kg		115	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1-Chlorooctane	124		70 - 130
o-Terphenyl	116		70 - 130

Lab Sample ID: LCSD 880-129605/3-A
Matrix: Solid
Analysis Batch: 129501

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 129605

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	992.5		mg/Kg		99	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	1209		mg/Kg		121	70 - 130	5	20

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1-Chlorooctane	134	S1+	70 - 130
o-Terphenyl	123		70 - 130

Lab Sample ID: 880-67285-A-1-E MS
Matrix: Solid
Analysis Batch: 129501

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 129605

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1000	867.2		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	1000	909.5		mg/Kg		91	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1-Chlorooctane	139	S1+	70 - 130
o-Terphenyl	127		70 - 130

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QC Sample Results

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9386-1
SDG: 03C1558775

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

Lab Sample ID: 880-67285-A-1-F MSD
Matrix: Solid
Analysis Batch: 129501

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 129605

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	<49.8	U	999	864.3		mg/Kg		87	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.8	U	999	915.2		mg/Kg		92	70 - 130	1	20
Surrogate	%Recovery	MSD Qualifier		MSD							
1-Chlorooctane	139	S1+									70 - 130
o-Terphenyl	127										70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-129606/1-A
Matrix: Solid
Analysis Batch: 129617

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			01/22/26 08:22	1

Lab Sample ID: LCS 880-129606/2-A
Matrix: Solid
Analysis Batch: 129617

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	239.4		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-129606/3-A
Matrix: Solid
Analysis Batch: 129617

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	240.1		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 880-67285-A-11-D MS
Matrix: Solid
Analysis Batch: 129617

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	2950	F1	1250	4952	F1	mg/Kg		160	90 - 110

Lab Sample ID: 880-67285-A-11-E MSD
Matrix: Solid
Analysis Batch: 129617

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	2950	F1	1250	4934	F1	mg/Kg		159	90 - 110	0	20

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QC Association Summary

Client: Ensolum
 Project/Site: PLU 22 DTD CVB

Job ID: 890-9386-1
 SDG: 03C1558775

GC VOA

Prep Batch: 129454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-129454/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 129504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9386-1	SW 01	Total/NA	Solid	8021B	129637
890-9386-2	FS 01	Total/NA	Solid	8021B	129637
890-9386-3	FS 02	Total/NA	Solid	8021B	129637
890-9386-4	FS 03	Total/NA	Solid	8021B	129637
MB 880-129454/5-A	Method Blank	Total/NA	Solid	8021B	129454
MB 880-129637/5-A	Method Blank	Total/NA	Solid	8021B	129637
LCS 880-129637/1-A	Lab Control Sample	Total/NA	Solid	8021B	129637
LCSD 880-129637/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	129637
880-67285-A-1-J MS	Matrix Spike	Total/NA	Solid	8021B	129637
880-67285-A-1-K MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	129637

Prep Batch: 129637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9386-1	SW 01	Total/NA	Solid	5035	
890-9386-2	FS 01	Total/NA	Solid	5035	
890-9386-3	FS 02	Total/NA	Solid	5035	
890-9386-4	FS 03	Total/NA	Solid	5035	
MB 880-129637/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-129637/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-129637/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67285-A-1-J MS	Matrix Spike	Total/NA	Solid	5035	
880-67285-A-1-K MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 129679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9386-1	SW 01	Total/NA	Solid	Total BTEX	
890-9386-2	FS 01	Total/NA	Solid	Total BTEX	
890-9386-3	FS 02	Total/NA	Solid	Total BTEX	
890-9386-4	FS 03	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 129501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9386-1	SW 01	Total/NA	Solid	8015B NM	129605
890-9386-2	FS 01	Total/NA	Solid	8015B NM	129605
890-9386-3	FS 02	Total/NA	Solid	8015B NM	129605
890-9386-4	FS 03	Total/NA	Solid	8015B NM	129605
MB 880-129605/1-A	Method Blank	Total/NA	Solid	8015B NM	129605
LCS 880-129605/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	129605
LCSD 880-129605/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	129605
880-67285-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	129605
880-67285-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	129605

Prep Batch: 129605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9386-1	SW 01	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Ensolum
 Project/Site: PLU 22 DTD CVB

Job ID: 890-9386-1
 SDG: 03C1558775

GC Semi VOA (Continued)

Prep Batch: 129605 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9386-2	FS 01	Total/NA	Solid	8015NM Prep	
890-9386-3	FS 02	Total/NA	Solid	8015NM Prep	
890-9386-4	FS 03	Total/NA	Solid	8015NM Prep	
MB 880-129605/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-129605/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-129605/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-67285-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-67285-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 129666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9386-1	SW 01	Total/NA	Solid	8015 NM	
890-9386-2	FS 01	Total/NA	Solid	8015 NM	
890-9386-3	FS 02	Total/NA	Solid	8015 NM	
890-9386-4	FS 03	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 129606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9386-1	SW 01	Soluble	Solid	DI Leach	
890-9386-2	FS 01	Soluble	Solid	DI Leach	
890-9386-3	FS 02	Soluble	Solid	DI Leach	
890-9386-4	FS 03	Soluble	Solid	DI Leach	
MB 880-129606/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-129606/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-129606/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-67285-A-11-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-67285-A-11-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 129617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9386-1	SW 01	Soluble	Solid	300.0	129606
890-9386-2	FS 01	Soluble	Solid	300.0	129606
890-9386-3	FS 02	Soluble	Solid	300.0	129606
890-9386-4	FS 03	Soluble	Solid	300.0	129606
MB 880-129606/1-A	Method Blank	Soluble	Solid	300.0	129606
LCS 880-129606/2-A	Lab Control Sample	Soluble	Solid	300.0	129606
LCSD 880-129606/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	129606
880-67285-A-11-D MS	Matrix Spike	Soluble	Solid	300.0	129606
880-67285-A-11-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	129606

Lab Chronicle

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9386-1
SDG: 03C1558775

Client Sample ID: SW 01

Lab Sample ID: 890-9386-1

Date Collected: 01/20/26 12:54

Matrix: Solid

Date Received: 01/21/26 12:25

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	129637	01/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129504	01/22/26 05:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129679	01/22/26 05:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			129666	01/22/26 02:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	129605	01/21/26 16:36	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129501	01/22/26 02:12	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	129606	01/21/26 16:53	SA	EET MID
Soluble	Analysis	300.0		5			129617	01/22/26 10:36	CS	EET MID

Client Sample ID: FS 01

Lab Sample ID: 890-9386-2

Date Collected: 01/20/26 12:56

Matrix: Solid

Date Received: 01/21/26 12:25

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	129637	01/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129504	01/22/26 05:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129679	01/22/26 05:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			129666	01/22/26 02:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	129605	01/21/26 16:36	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129501	01/22/26 02:26	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	129606	01/21/26 16:53	SA	EET MID
Soluble	Analysis	300.0		1			129617	01/22/26 10:41	CS	EET MID

Client Sample ID: FS 02

Lab Sample ID: 890-9386-3

Date Collected: 01/20/26 12:58

Matrix: Solid

Date Received: 01/21/26 12:25

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	129637	01/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129504	01/22/26 06:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129679	01/22/26 06:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			129666	01/22/26 02:40	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	129605	01/21/26 16:36	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129501	01/22/26 02:40	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	129606	01/21/26 16:53	SA	EET MID
Soluble	Analysis	300.0		5			129617	01/22/26 10:46	CS	EET MID

Client Sample ID: FS 03

Lab Sample ID: 890-9386-4

Date Collected: 01/20/26 13:00

Matrix: Solid

Date Received: 01/21/26 12:25

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	129637	01/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129504	01/22/26 06:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129679	01/22/26 06:22	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
 Project/Site: PLU 22 DTD CVB

Job ID: 890-9386-1
 SDG: 03C1558775

Client Sample ID: FS 03

Lab Sample ID: 890-9386-4

Date Collected: 01/20/26 13:00

Matrix: Solid

Date Received: 01/21/26 12:25

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			129666	01/22/26 02:54	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	129605	01/21/26 16:36	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129501	01/22/26 02:54	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	129606	01/21/26 16:53	SA	EET MID
Soluble	Analysis	300.0		1			129617	01/22/26 10:51	CS	EET MID

Laboratory References:

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

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Accreditation/Certification Summary

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9386-1
SDG: 03C1558775

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

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Method Summary

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9386-1
SDG: 03C1558775

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 22 DTD CVB

Job ID: 890-9386-1
SDG: 03C1558775

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9386-1	SW 01	Solid	01/20/26 12:54	01/21/26 12:25	0-1
890-9386-2	FS 01	Solid	01/20/26 12:56	01/21/26 12:25	1
890-9386-3	FS 02	Solid	01/20/26 12:58	01/21/26 12:25	1
890-9386-4	FS 03	Solid	01/20/26 13:00	01/21/26 12:25	1

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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

Environment Testing
 Xenco



Work Order No: _____

www.xenco.com Page 1 of 1

Work Order Comments

Program: UST/PST RP rowfields KC perfund

State of Project: Reporting: Level II Level III PST/UST TRRP Level IV

Deliverables: EDD ADaPT Other: _____

Project Manager: Jeremy Reich
 Company Name: Ersolum
 Address: 3122 National Parks Hwy
 City, State ZIP: Carlsbad, NM 88220
 Phone: 970-210-9803

Bill to: (if different)
 Company Name: XTO Energy, Inc
 Address: 3104 E Greene St
 City, State ZIP: Carlsbad, NM 88220
 Email: richard.kozur@xencomobility.com / thomson@ersolum.com / rich@ersolum.com

ANALYSIS REQUEST

Project Name: PLU 22 DTD CVB
 Project Number: 03C1558775
 Project Location: 32.21189, -103.87076
 Sampler's Name: Jacob Harrison

Turn Around: Routine Rush **24-H**
 Pres. Code: _____
 Due Date: _____
 TAT starts the day received by the lab, if received by 4:30pm

SAMPLE RECEIPT

Samples Received Intact: Yes No Thermometer ID: **111000**
 Cooler Custody Seals: Yes No Correction Factor: **-0.2**
 Sample Custody Seals: Yes No Temperature Reading: **3.6**
 Total Containers: _____ Corrected Temperature: **3.4**

Wet Ice: Yes No
 Parameters: _____



Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters			Sample Comments
							TPH (6015M/D)	Chloride (300)	BTEX (8021B)	
SW01	S	1/20/2026	12:54	0-1	Comp	1	X	X	X	CC: 2210431001
FS01	S	1/20/2026	12:56	1	Comp	1	X	X	X	GFCM: 48605000
FS02	S	1/20/2026	12:58	1	Comp	1	X	X	X	nAPP2530745190
FS03	S	1/20/2026	13:00	1	Comp	1	X	X	X	

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 SiO₂ Na Sr Ti Sn U V Zn
 Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$65.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	1/21/26 12:03	<i>[Signature]</i>	<i>[Signature]</i>	1-21-2026

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9386-1

SDG Number: 03C1558775

Login Number: 9386

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	

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Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9386-1

SDG Number: 03C1558775

Login Number: 9386

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 01/22/26 07:35 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	

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jeremy Reich
Ensolum

601 N. Marienfeld St.
Suite 400

Midland, Texas 79701

Generated 1/23/2026 11:38:32 AM

JOB DESCRIPTION

PLU 22 DTD CVB
03C1558775

JOB NUMBER

890-9400-1

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
1/23/2026 11:38:32 AM

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

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Client: Ensolum
Project/Site: PLU 22 DTD CVB

Laboratory Job ID: 890-9400-1
SDG: 03C1558775

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Definitions/Glossary

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9400-1
SDG: 03C1558775

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Ensolum
Project: PLU 22 DTD CVB

Job ID: 890-9400-1

Job ID: 890-9400-1

Eurofins Carlsbad

Job Narrative 890-9400-1

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 1/22/2026 12:41 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS 10 (890-9400-1), CS 11 (890-9400-2), CS 12 (890-9400-3), CS 13 (890-9400-4), CS 14 (890-9400-5), CS 15 (890-9400-6), CS 16 (890-9400-7), CS 17 (890-9400-8) and CS 18 (890-9400-9).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-129712 and analytical batch 880-129599 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside the upper control limit: CS 17 (890-9400-8). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-129744/2-A) and (LCSD 880-129744/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-129744/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS 10 (890-9400-1) and CS 18 (890-9400-9). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

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

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9400-1
SDG: 03C1558775

Client Sample ID: CS 10

Lab Sample ID: 890-9400-1

Date Collected: 01/22/26 08:39

Matrix: Solid

Date Received: 01/22/26 12:41

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		01/22/26 20:00	01/23/26 08:26	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/22/26 20:00	01/23/26 08:26	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/22/26 20:00	01/23/26 08:26	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/22/26 20:00	01/23/26 08:26	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/22/26 20:00	01/23/26 08:26	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/22/26 20:00	01/23/26 08:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	01/22/26 20:00	01/23/26 08:26	1
1,4-Difluorobenzene (Surr)	86		70 - 130	01/22/26 20:00	01/23/26 08:26	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			01/23/26 08:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1430		49.8	mg/Kg			01/23/26 00:32	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	<49.8	U	49.8	mg/Kg		01/22/26 16:26	01/23/26 00:32	1
Diesel Range Organics (Over C10-C28)	1260		49.8	mg/Kg		01/22/26 16:26	01/23/26 00:32	1
Oil Range Organics (Over C28-C36)	170		49.8	mg/Kg		01/22/26 16:26	01/23/26 00:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	01/22/26 16:26	01/23/26 00:32	1
o-Terphenyl	144	S1+	70 - 130	01/22/26 16:26	01/23/26 00:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4180		50.4	mg/Kg			01/23/26 10:40	5

Client Sample ID: CS 11

Lab Sample ID: 890-9400-2

Date Collected: 01/22/26 08:41

Matrix: Solid

Date Received: 01/22/26 12:41

Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/22/26 20:00	01/23/26 08:46	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/22/26 20:00	01/23/26 08:46	1
Ethylbenzene	0.00384		0.00202	mg/Kg		01/22/26 20:00	01/23/26 08:46	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		01/22/26 20:00	01/23/26 08:46	1
o-Xylene	0.0305		0.00202	mg/Kg		01/22/26 20:00	01/23/26 08:46	1
Xylenes, Total	0.0305		0.00403	mg/Kg		01/22/26 20:00	01/23/26 08:46	1

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Client Sample Results

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9400-1
SDG: 03C1558775

Client Sample ID: CS 11

Lab Sample ID: 890-9400-2

Date Collected: 01/22/26 08:41

Matrix: Solid

Date Received: 01/22/26 12:41

Sample Depth: 0.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	01/22/26 20:00	01/23/26 08:46	1
1,4-Difluorobenzene (Surr)	79		70 - 130	01/22/26 20:00	01/23/26 08:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0343		0.00403	mg/Kg			01/23/26 08:46	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			01/23/26 00:46	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		01/22/26 16:26	01/23/26 00:46	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		01/22/26 16:26	01/23/26 00:46	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		01/22/26 16:26	01/23/26 00:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	01/22/26 16:26	01/23/26 00:46	1
o-Terphenyl	111		70 - 130	01/22/26 16:26	01/23/26 00:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7520		101	mg/Kg			01/23/26 10:47	10

Client Sample ID: CS 12

Lab Sample ID: 890-9400-3

Date Collected: 01/22/26 09:12

Matrix: Solid

Date Received: 01/22/26 12:41

Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/22/26 20:00	01/23/26 09:07	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/22/26 20:00	01/23/26 09:07	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/22/26 20:00	01/23/26 09:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/22/26 20:00	01/23/26 09:07	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/22/26 20:00	01/23/26 09:07	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/22/26 20:00	01/23/26 09:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	01/22/26 20:00	01/23/26 09:07	1
1,4-Difluorobenzene (Surr)	79		70 - 130	01/22/26 20:00	01/23/26 09:07	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			01/23/26 09:07	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			01/23/26 01:01	1

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Client Sample Results

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9400-1
SDG: 03C1558775

Client Sample ID: CS 12

Lab Sample ID: 890-9400-3

Date Collected: 01/22/26 09:12

Matrix: Solid

Date Received: 01/22/26 12:41

Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/22/26 16:26	01/23/26 01:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/22/26 16:26	01/23/26 01:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/22/26 16:26	01/23/26 01:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	01/22/26 16:26	01/23/26 01:01	1
o-Terphenyl	96		70 - 130	01/22/26 16:26	01/23/26 01:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3240		50.5	mg/Kg			01/23/26 11:08	5

Client Sample ID: CS 13

Lab Sample ID: 890-9400-4

Date Collected: 01/22/26 08:47

Matrix: Solid

Date Received: 01/22/26 12:41

Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/22/26 20:00	01/23/26 09:27	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/22/26 20:00	01/23/26 09:27	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/22/26 20:00	01/23/26 09:27	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		01/22/26 20:00	01/23/26 09:27	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/22/26 20:00	01/23/26 09:27	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/22/26 20:00	01/23/26 09:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	01/22/26 20:00	01/23/26 09:27	1
1,4-Difluorobenzene (Surr)	77		70 - 130	01/22/26 20:00	01/23/26 09:27	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			01/23/26 09:27	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/23/26 01:14	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		01/22/26 16:26	01/23/26 01:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/22/26 16:26	01/23/26 01:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/22/26 16:26	01/23/26 01:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	01/22/26 16:26	01/23/26 01:14	1
o-Terphenyl	115		70 - 130	01/22/26 16:26	01/23/26 01:14	1

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Client Sample Results

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9400-1
SDG: 03C1558775

Client Sample ID: CS 13

Lab Sample ID: 890-9400-4

Date Collected: 01/22/26 08:47
Date Received: 01/22/26 12:41
Sample Depth: 0.5

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3170		49.9	mg/Kg			01/23/26 11:15	5

Client Sample ID: CS 14

Lab Sample ID: 890-9400-5

Date Collected: 01/22/26 08:49
Date Received: 01/22/26 12:41
Sample Depth: 0.5

Matrix: Solid

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		01/22/26 20:00	01/23/26 09:48	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/22/26 20:00	01/23/26 09:48	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/22/26 20:00	01/23/26 09:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/22/26 20:00	01/23/26 09:48	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/22/26 20:00	01/23/26 09:48	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/22/26 20:00	01/23/26 09:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130			01/22/26 20:00	01/23/26 09:48	1
1,4-Difluorobenzene (Surr)	77		70 - 130			01/22/26 20:00	01/23/26 09:48	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			01/23/26 09:48	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			01/23/26 01:29	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/22/26 16:26	01/23/26 01:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/22/26 16:26	01/23/26 01:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/22/26 16:26	01/23/26 01:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130			01/22/26 16:26	01/23/26 01:29	1
o-Terphenyl	118		70 - 130			01/22/26 16:26	01/23/26 01:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2750		49.8	mg/Kg			01/23/26 11:22	5

Client Sample Results

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9400-1
SDG: 03C1558775

Client Sample ID: CS 15

Lab Sample ID: 890-9400-6

Date Collected: 01/22/26 09:47

Matrix: Solid

Date Received: 01/22/26 12:41

Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/22/26 20:00	01/23/26 10:08	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/22/26 20:00	01/23/26 10:08	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/22/26 20:00	01/23/26 10:08	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		01/22/26 20:00	01/23/26 10:08	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/22/26 20:00	01/23/26 10:08	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/22/26 20:00	01/23/26 10:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	01/22/26 20:00	01/23/26 10:08	1
1,4-Difluorobenzene (Surr)	70		70 - 130	01/22/26 20:00	01/23/26 10:08	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			01/23/26 10:08	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			01/23/26 01:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/22/26 16:26	01/23/26 01:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/22/26 16:26	01/23/26 01:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/22/26 16:26	01/23/26 01:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	01/22/26 16:26	01/23/26 01:43	1
o-Terphenyl	105		70 - 130	01/22/26 16:26	01/23/26 01:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	226		9.92	mg/Kg			01/23/26 11:29	1

Client Sample ID: CS 16

Lab Sample ID: 890-9400-7

Date Collected: 01/22/26 09:50

Matrix: Solid

Date Received: 01/22/26 12:41

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		01/22/26 20:00	01/23/26 10:29	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/22/26 20:00	01/23/26 10:29	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/22/26 20:00	01/23/26 10:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/22/26 20:00	01/23/26 10:29	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/22/26 20:00	01/23/26 10:29	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/22/26 20:00	01/23/26 10:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	01/22/26 20:00	01/23/26 10:29	1

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Client Sample Results

Client: Ensolum
 Project/Site: PLU 22 DTD CVB

Job ID: 890-9400-1
 SDG: 03C1558775

Client Sample ID: CS 16

Lab Sample ID: 890-9400-7

Date Collected: 01/22/26 09:50

Matrix: Solid

Date Received: 01/22/26 12:41

Sample Depth: 0.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	80		70 - 130	01/22/26 20:00	01/23/26 10:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/23/26 10:29	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			01/23/26 02:11	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		01/22/26 16:26	01/23/26 02:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/22/26 16:26	01/23/26 02:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/22/26 16:26	01/23/26 02:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	01/22/26 16:26	01/23/26 02:11	1
o-Terphenyl	108		70 - 130	01/22/26 16:26	01/23/26 02:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	635		10.1	mg/Kg			01/23/26 11:36	1

Client Sample ID: CS 17

Lab Sample ID: 890-9400-8

Date Collected: 01/22/26 09:52

Matrix: Solid

Date Received: 01/22/26 12:41

Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/22/26 20:00	01/23/26 10:49	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/22/26 20:00	01/23/26 10:49	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/22/26 20:00	01/23/26 10:49	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		01/22/26 20:00	01/23/26 10:49	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/22/26 20:00	01/23/26 10:49	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		01/22/26 20:00	01/23/26 10:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130	01/22/26 20:00	01/23/26 10:49	1
1,4-Difluorobenzene (Surr)	98		70 - 130	01/22/26 20:00	01/23/26 10:49	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			01/23/26 10:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	135		50.0	mg/Kg			01/23/26 02:26	1

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Client Sample Results

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9400-1
SDG: 03C1558775

Client Sample ID: CS 17

Lab Sample ID: 890-9400-8

Date Collected: 01/22/26 09:52

Matrix: Solid

Date Received: 01/22/26 12:41

Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/22/26 16:26	01/23/26 02:26	1
Diesel Range Organics (Over C10-C28)	135		50.0	mg/Kg		01/22/26 16:26	01/23/26 02:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/22/26 16:26	01/23/26 02:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130			01/22/26 16:26	01/23/26 02:26	1
o-Terphenyl	109		70 - 130			01/22/26 16:26	01/23/26 02:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	599		9.94	mg/Kg			01/23/26 11:43	1

Client Sample ID: CS 18

Lab Sample ID: 890-9400-9

Date Collected: 01/22/26 09:55

Matrix: Solid

Date Received: 01/22/26 12:41

Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/22/26 20:00	01/23/26 11:10	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/22/26 20:00	01/23/26 11:10	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/22/26 20:00	01/23/26 11:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/22/26 20:00	01/23/26 11:10	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/22/26 20:00	01/23/26 11:10	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/22/26 20:00	01/23/26 11:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130			01/22/26 20:00	01/23/26 11:10	1
1,4-Difluorobenzene (Surr)	83		70 - 130			01/22/26 20:00	01/23/26 11:10	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			01/23/26 11:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	8000		49.8	mg/Kg			01/23/26 02:40	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		01/22/26 16:26	01/23/26 02:40	1
Diesel Range Organics (Over C10-C28)	6910		49.8	mg/Kg		01/22/26 16:26	01/23/26 02:40	1
Oil Range Organics (Over C28-C36)	1090		49.8	mg/Kg		01/22/26 16:26	01/23/26 02:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130			01/22/26 16:26	01/23/26 02:40	1
o-Terphenyl	197	S1+	70 - 130			01/22/26 16:26	01/23/26 02:40	1

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Client Sample Results

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9400-1
SDG: 03C1558775

Client Sample ID: CS 18

Lab Sample ID: 890-9400-9

Date Collected: 01/22/26 09:55

Matrix: Solid

Date Received: 01/22/26 12:41

Sample Depth: 0.5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	227		10.0	mg/Kg			01/23/26 11:49	1

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

Surrogate Summary

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9400-1
SDG: 03C1558775

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-67339-A-21-C MS	Matrix Spike	114	84
880-67339-A-21-D MSD	Matrix Spike Duplicate	80	72
890-9400-1	CS 10	109	86
890-9400-2	CS 11	120	79
890-9400-3	CS 12	105	79
890-9400-4	CS 13	103	77
890-9400-5	CS 14	106	77
890-9400-6	CS 15	98	70
890-9400-7	CS 16	113	80
890-9400-8	CS 17	150 S1+	98
890-9400-9	CS 18	108	83
LCS 880-129712/1-A	Lab Control Sample	103	94
LCSD 880-129712/2-A	Lab Control Sample Dup	105	103
MB 880-129459/5-A	Method Blank	111	72
MB 880-129712/5-A	Method Blank	113	73

Surrogate Legend

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

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-9398-A-1-C MS	Matrix Spike	116	114
890-9398-A-1-D MSD	Matrix Spike Duplicate	116	113
890-9400-1	CS 10	103	144 S1+
890-9400-2	CS 11	106	111
890-9400-3	CS 12	94	96
890-9400-4	CS 13	109	115
890-9400-5	CS 14	111	118
890-9400-6	CS 15	107	105
890-9400-7	CS 16	105	108
890-9400-8	CS 17	105	109
890-9400-9	CS 18	102	197 S1+
LCS 880-129744/2-A	Lab Control Sample	147 S1+	141 S1+
LCSD 880-129744/3-A	Lab Control Sample Dup	135 S1+	131 S1+
MB 880-129744/1-A	Method Blank	126	131 S1+

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

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QC Sample Results

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9400-1
SDG: 03C1558775

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-129459/5-A
Matrix: Solid
Analysis Batch: 129599

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 129459

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/20/26 12:15	01/22/26 11:41	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/20/26 12:15	01/22/26 11:41	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/20/26 12:15	01/22/26 11:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/20/26 12:15	01/22/26 11:41	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/20/26 12:15	01/22/26 11:41	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/20/26 12:15	01/22/26 11:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	01/20/26 12:15	01/22/26 11:41	1
1,4-Difluorobenzene (Surr)	72		70 - 130	01/20/26 12:15	01/22/26 11:41	1

Lab Sample ID: MB 880-129712/5-A
Matrix: Solid
Analysis Batch: 129599

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 129712

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/22/26 14:55	01/23/26 00:05	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/22/26 14:55	01/23/26 00:05	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/22/26 14:55	01/23/26 00:05	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/22/26 14:55	01/23/26 00:05	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/22/26 14:55	01/23/26 00:05	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/22/26 14:55	01/23/26 00:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	01/22/26 14:55	01/23/26 00:05	1
1,4-Difluorobenzene (Surr)	73		70 - 130	01/22/26 14:55	01/23/26 00:05	1

Lab Sample ID: LCS 880-129712/1-A
Matrix: Solid
Analysis Batch: 129599

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 129712

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09223		mg/Kg		92	70 - 130
Toluene	0.100	0.09618		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.09054		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	0.200	0.1839		mg/Kg		92	70 - 130
o-Xylene	0.100	0.09454		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-129712/2-A
Matrix: Solid
Analysis Batch: 129599

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 129712

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1012		mg/Kg		101	70 - 130	9	35

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QC Sample Results

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9400-1
SDG: 03C1558775

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

Lab Sample ID: LCSD 880-129712/2-A
Matrix: Solid
Analysis Batch: 129599

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 129712

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Toluene	0.100	0.08814		mg/Kg		88	70 - 130	9	35	
Ethylbenzene	0.100	0.1040		mg/Kg		104	70 - 130	14	35	
m-Xylene & p-Xylene	0.200	0.2060		mg/Kg		103	70 - 130	11	35	
o-Xylene	0.100	0.1045		mg/Kg		105	70 - 130	10	35	
LCSD LCSD										
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	105		70 - 130							
1,4-Difluorobenzene (Surr)	103		70 - 130							

Lab Sample ID: 880-67339-A-21-C MS
Matrix: Solid
Analysis Batch: 129599

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 129712

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	<0.00200	U F2 F1	0.100	0.04441	F1	mg/Kg		44	70 - 130	
Toluene	<0.00200	U F1	0.100	0.03408	F1	mg/Kg		34	70 - 130	
Ethylbenzene	<0.00200	U F1	0.100	0.03246	F1	mg/Kg		32	70 - 130	
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.06718	F1	mg/Kg		34	70 - 130	
o-Xylene	<0.00200	U F1	0.100	0.03684	F1	mg/Kg		37	70 - 130	
MS MS										
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	114		70 - 130							
1,4-Difluorobenzene (Surr)	84		70 - 130							

Lab Sample ID: 880-67339-A-21-D MSD
Matrix: Solid
Analysis Batch: 129599

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 129712

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F2 F1	0.100	0.02372	F2 F1	mg/Kg		24	70 - 130	61	35
Toluene	<0.00200	U F1	0.100	0.03804	F1	mg/Kg		38	70 - 130	11	35
Ethylbenzene	<0.00200	U F1	0.100	0.02506	F1	mg/Kg		25	70 - 130	26	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.04839	F1	mg/Kg		24	70 - 130	33	35
o-Xylene	<0.00200	U F1	0.100	0.02853	F1	mg/Kg		29	70 - 130	25	35
MSD MSD											
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	80		70 - 130								
1,4-Difluorobenzene (Surr)	72		70 - 130								

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

Lab Sample ID: MB 880-129744/1-A
Matrix: Solid
Analysis Batch: 129618

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 129744

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		01/22/26 16:25	01/22/26 22:26		1

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QC Sample Results

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9400-1
SDG: 03C1558775

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

Lab Sample ID: MB 880-129744/1-A
Matrix: Solid
Analysis Batch: 129618

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 129744

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/22/26 16:25	01/22/26 22:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/22/26 16:25	01/22/26 22:26	1
Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac		
	%Recovery	Qualifier						
1-Chlorooctane	126		70 - 130	01/22/26 16:25	01/22/26 22:26	1		
o-Terphenyl	131	S1+	70 - 130	01/22/26 16:25	01/22/26 22:26	1		

Lab Sample ID: LCS 880-129744/2-A
Matrix: Solid
Analysis Batch: 129618

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 129744

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1117		mg/Kg		112	70 - 130
Surrogate	LCS LCS		Limits				
	%Recovery	Qualifier					
1-Chlorooctane	147	S1+	70 - 130				
o-Terphenyl	141	S1+	70 - 130				

Lab Sample ID: LCSD 880-129744/3-A
Matrix: Solid
Analysis Batch: 129618

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 129744

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)	1000	1010		mg/Kg		101	70 - 130	10	20
Surrogate	LCSD LCSD		Limits						
	%Recovery	Qualifier							
1-Chlorooctane	135	S1+	70 - 130						
o-Terphenyl	131	S1+	70 - 130						

Lab Sample ID: 890-9398-A-1-C MS
Matrix: Solid
Analysis Batch: 129618

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 129744

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	<50.5	U	999	829.3		mg/Kg		83	70 - 130
Surrogate	MS MS		Limits						
	%Recovery	Qualifier							
1-Chlorooctane	116		70 - 130						
o-Terphenyl	114		70 - 130						

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QC Sample Results

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9400-1
SDG: 03C1558775

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

Lab Sample ID: 890-9398-A-1-D MSD
Matrix: Solid
Analysis Batch: 129618

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 129744

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	<50.5	U	999	908.8		mg/Kg		91	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.5	U	999	828.3		mg/Kg		83	70 - 130	0	20
Surrogate	%Recovery	MSD Qualifier		MSD Limits							
1-Chlorooctane	116			70 - 130							
o-Terphenyl	113			70 - 130							

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-129734/1-A
Matrix: Solid
Analysis Batch: 129786

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			01/23/26 08:22	1

Lab Sample ID: LCS 880-129734/2-A
Matrix: Solid
Analysis Batch: 129786

Client Sample ID: Lab Control Sample
Prep Type: Soluble

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

Lab Sample ID: LCSD 880-129734/3-A
Matrix: Solid
Analysis Batch: 129786

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	249.5		mg/Kg		100	90 - 110	1	20

Lab Sample ID: 880-67353-A-1-C MS
Matrix: Solid
Analysis Batch: 129786

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	207		249	445.7		mg/Kg		96	90 - 110

Lab Sample ID: 880-67353-A-1-D MSD
Matrix: Solid
Analysis Batch: 129786

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	207		249	447.2		mg/Kg		96	90 - 110	0	20

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QC Sample Results

Client: Ensolum
 Project/Site: PLU 22 DTD CVB

Job ID: 890-9400-1
 SDG: 03C1558775

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-9398-A-4-B MS
Matrix: Solid
Analysis Batch: 129786

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	1220		1260	2532		mg/Kg		104	90 - 110

Lab Sample ID: 890-9398-A-4-C MSD
Matrix: Solid
Analysis Batch: 129786

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	1220		1260	2541		mg/Kg		105	90 - 110	0	20

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QC Association Summary

Client: Ensolum
 Project/Site: PLU 22 DTD CVB

Job ID: 890-9400-1
 SDG: 03C1558775

GC VOA

Prep Batch: 129459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-129459/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 129599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9400-1	CS 10	Total/NA	Solid	8021B	129712
890-9400-2	CS 11	Total/NA	Solid	8021B	129712
890-9400-3	CS 12	Total/NA	Solid	8021B	129712
890-9400-4	CS 13	Total/NA	Solid	8021B	129712
890-9400-5	CS 14	Total/NA	Solid	8021B	129712
890-9400-6	CS 15	Total/NA	Solid	8021B	129712
890-9400-7	CS 16	Total/NA	Solid	8021B	129712
890-9400-8	CS 17	Total/NA	Solid	8021B	129712
890-9400-9	CS 18	Total/NA	Solid	8021B	129712
MB 880-129459/5-A	Method Blank	Total/NA	Solid	8021B	129459
MB 880-129712/5-A	Method Blank	Total/NA	Solid	8021B	129712
LCS 880-129712/1-A	Lab Control Sample	Total/NA	Solid	8021B	129712
LCSD 880-129712/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	129712
880-67339-A-21-C MS	Matrix Spike	Total/NA	Solid	8021B	129712
880-67339-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	129712

Prep Batch: 129712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9400-1	CS 10	Total/NA	Solid	5035	
890-9400-2	CS 11	Total/NA	Solid	5035	
890-9400-3	CS 12	Total/NA	Solid	5035	
890-9400-4	CS 13	Total/NA	Solid	5035	
890-9400-5	CS 14	Total/NA	Solid	5035	
890-9400-6	CS 15	Total/NA	Solid	5035	
890-9400-7	CS 16	Total/NA	Solid	5035	
890-9400-8	CS 17	Total/NA	Solid	5035	
890-9400-9	CS 18	Total/NA	Solid	5035	
MB 880-129712/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-129712/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-129712/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67339-A-21-C MS	Matrix Spike	Total/NA	Solid	5035	
880-67339-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 129845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9400-1	CS 10	Total/NA	Solid	Total BTEX	
890-9400-2	CS 11	Total/NA	Solid	Total BTEX	
890-9400-3	CS 12	Total/NA	Solid	Total BTEX	
890-9400-4	CS 13	Total/NA	Solid	Total BTEX	
890-9400-5	CS 14	Total/NA	Solid	Total BTEX	
890-9400-6	CS 15	Total/NA	Solid	Total BTEX	
890-9400-7	CS 16	Total/NA	Solid	Total BTEX	
890-9400-8	CS 17	Total/NA	Solid	Total BTEX	
890-9400-9	CS 18	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9400-1
SDG: 03C1558775

GC Semi VOA

Analysis Batch: 129618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9400-1	CS 10	Total/NA	Solid	8015B NM	129744
890-9400-2	CS 11	Total/NA	Solid	8015B NM	129744
890-9400-3	CS 12	Total/NA	Solid	8015B NM	129744
890-9400-4	CS 13	Total/NA	Solid	8015B NM	129744
890-9400-5	CS 14	Total/NA	Solid	8015B NM	129744
890-9400-6	CS 15	Total/NA	Solid	8015B NM	129744
890-9400-7	CS 16	Total/NA	Solid	8015B NM	129744
890-9400-8	CS 17	Total/NA	Solid	8015B NM	129744
890-9400-9	CS 18	Total/NA	Solid	8015B NM	129744
MB 880-129744/1-A	Method Blank	Total/NA	Solid	8015B NM	129744
LCS 880-129744/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	129744
LCS D 880-129744/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	129744
890-9398-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	129744
890-9398-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	129744

Prep Batch: 129744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9400-1	CS 10	Total/NA	Solid	8015NM Prep	
890-9400-2	CS 11	Total/NA	Solid	8015NM Prep	
890-9400-3	CS 12	Total/NA	Solid	8015NM Prep	
890-9400-4	CS 13	Total/NA	Solid	8015NM Prep	
890-9400-5	CS 14	Total/NA	Solid	8015NM Prep	
890-9400-6	CS 15	Total/NA	Solid	8015NM Prep	
890-9400-7	CS 16	Total/NA	Solid	8015NM Prep	
890-9400-8	CS 17	Total/NA	Solid	8015NM Prep	
890-9400-9	CS 18	Total/NA	Solid	8015NM Prep	
MB 880-129744/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-129744/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCS D 880-129744/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9398-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9398-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 129817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9400-1	CS 10	Total/NA	Solid	8015 NM	
890-9400-2	CS 11	Total/NA	Solid	8015 NM	
890-9400-3	CS 12	Total/NA	Solid	8015 NM	
890-9400-4	CS 13	Total/NA	Solid	8015 NM	
890-9400-5	CS 14	Total/NA	Solid	8015 NM	
890-9400-6	CS 15	Total/NA	Solid	8015 NM	
890-9400-7	CS 16	Total/NA	Solid	8015 NM	
890-9400-8	CS 17	Total/NA	Solid	8015 NM	
890-9400-9	CS 18	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 129734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9400-1	CS 10	Soluble	Solid	DI Leach	
890-9400-2	CS 11	Soluble	Solid	DI Leach	
890-9400-3	CS 12	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9400-1
SDG: 03C1558775

HPLC/IC (Continued)

Leach Batch: 129734 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9400-4	CS 13	Soluble	Solid	DI Leach	
890-9400-5	CS 14	Soluble	Solid	DI Leach	
890-9400-6	CS 15	Soluble	Solid	DI Leach	
890-9400-7	CS 16	Soluble	Solid	DI Leach	
890-9400-8	CS 17	Soluble	Solid	DI Leach	
890-9400-9	CS 18	Soluble	Solid	DI Leach	
MB 880-129734/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-129734/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-129734/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-67353-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-67353-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
890-9398-A-4-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9398-A-4-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 129786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9400-1	CS 10	Soluble	Solid	300.0	129734
890-9400-2	CS 11	Soluble	Solid	300.0	129734
890-9400-3	CS 12	Soluble	Solid	300.0	129734
890-9400-4	CS 13	Soluble	Solid	300.0	129734
890-9400-5	CS 14	Soluble	Solid	300.0	129734
890-9400-6	CS 15	Soluble	Solid	300.0	129734
890-9400-7	CS 16	Soluble	Solid	300.0	129734
890-9400-8	CS 17	Soluble	Solid	300.0	129734
890-9400-9	CS 18	Soluble	Solid	300.0	129734
MB 880-129734/1-A	Method Blank	Soluble	Solid	300.0	129734
LCS 880-129734/2-A	Lab Control Sample	Soluble	Solid	300.0	129734
LCSD 880-129734/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	129734
880-67353-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	129734
880-67353-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	129734
890-9398-A-4-B MS	Matrix Spike	Soluble	Solid	300.0	129734
890-9398-A-4-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	129734

Lab Chronicle

Client: Ensolum
 Project/Site: PLU 22 DTD CVB

Job ID: 890-9400-1
 SDG: 03C1558775

Client Sample ID: CS 10

Lab Sample ID: 890-9400-1

Date Collected: 01/22/26 08:39

Matrix: Solid

Date Received: 01/22/26 12:41

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	129712	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129599	01/23/26 08:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129845	01/23/26 08:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			129817	01/23/26 00:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	129744	01/22/26 16:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129618	01/23/26 00:32	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	129734	01/22/26 16:02	SA	EET MID
Soluble	Analysis	300.0		5	0 mL	1.0 mL	129786	01/23/26 10:40	CS	EET MID

Client Sample ID: CS 11

Lab Sample ID: 890-9400-2

Date Collected: 01/22/26 08:41

Matrix: Solid

Date Received: 01/22/26 12:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	129712	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129599	01/23/26 08:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129845	01/23/26 08:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			129817	01/23/26 00:46	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	129744	01/22/26 16:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129618	01/23/26 00:46	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	129734	01/22/26 16:02	SA	EET MID
Soluble	Analysis	300.0		10			129786	01/23/26 10:47	CS	EET MID

Client Sample ID: CS 12

Lab Sample ID: 890-9400-3

Date Collected: 01/22/26 09:12

Matrix: Solid

Date Received: 01/22/26 12:41

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	129712	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129599	01/23/26 09:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129845	01/23/26 09:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			129817	01/23/26 01:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129744	01/22/26 16:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129618	01/23/26 01:01	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	129734	01/22/26 16:02	SA	EET MID
Soluble	Analysis	300.0		5			129786	01/23/26 11:08	CS	EET MID

Client Sample ID: CS 13

Lab Sample ID: 890-9400-4

Date Collected: 01/22/26 08:47

Matrix: Solid

Date Received: 01/22/26 12:41

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	129712	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129599	01/23/26 09:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129845	01/23/26 09:27	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
Project/Site: PLU 22 DTD CVB

Job ID: 890-9400-1
SDG: 03C1558775

Client Sample ID: CS 13

Lab Sample ID: 890-9400-4

Date Collected: 01/22/26 08:47

Matrix: Solid

Date Received: 01/22/26 12:41

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			129817	01/23/26 01:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129744	01/22/26 16:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129618	01/23/26 01:14	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	129734	01/22/26 16:02	SA	EET MID
Soluble	Analysis	300.0		5			129786	01/23/26 11:15	CS	EET MID

Client Sample ID: CS 14

Lab Sample ID: 890-9400-5

Date Collected: 01/22/26 08:49

Matrix: Solid

Date Received: 01/22/26 12:41

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	129712	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129599	01/23/26 09:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129845	01/23/26 09:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			129817	01/23/26 01:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	129744	01/22/26 16:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129618	01/23/26 01:29	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	129734	01/22/26 16:02	SA	EET MID
Soluble	Analysis	300.0		5			129786	01/23/26 11:22	CS	EET MID

Client Sample ID: CS 15

Lab Sample ID: 890-9400-6

Date Collected: 01/22/26 09:47

Matrix: Solid

Date Received: 01/22/26 12:41

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	129712	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129599	01/23/26 10:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129845	01/23/26 10:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			129817	01/23/26 01:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	129744	01/22/26 16:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129618	01/23/26 01:43	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	129734	01/22/26 16:02	SA	EET MID
Soluble	Analysis	300.0		1			129786	01/23/26 11:29	CS	EET MID

Client Sample ID: CS 16

Lab Sample ID: 890-9400-7

Date Collected: 01/22/26 09:50

Matrix: Solid

Date Received: 01/22/26 12:41

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	129712	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129599	01/23/26 10:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129845	01/23/26 10:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			129817	01/23/26 02:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	129744	01/22/26 16:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129618	01/23/26 02:11	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
 Project/Site: PLU 22 DTD CVB

Job ID: 890-9400-1
 SDG: 03C1558775

Client Sample ID: CS 16

Lab Sample ID: 890-9400-7

Date Collected: 01/22/26 09:50

Matrix: Solid

Date Received: 01/22/26 12:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	129734	01/22/26 16:02	SA	EET MID
Soluble	Analysis	300.0		1			129786	01/23/26 11:36	CS	EET MID

Client Sample ID: CS 17

Lab Sample ID: 890-9400-8

Date Collected: 01/22/26 09:52

Matrix: Solid

Date Received: 01/22/26 12:41

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	129712	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129599	01/23/26 10:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129845	01/23/26 10:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			129817	01/23/26 02:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129744	01/22/26 16:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129618	01/23/26 02:26	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	129734	01/22/26 16:02	SA	EET MID
Soluble	Analysis	300.0		1			129786	01/23/26 11:43	CS	EET MID

Client Sample ID: CS 18

Lab Sample ID: 890-9400-9

Date Collected: 01/22/26 09:55

Matrix: Solid

Date Received: 01/22/26 12:41

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	129712	01/22/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129599	01/23/26 11:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129845	01/23/26 11:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			129817	01/23/26 02:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	129744	01/22/26 16:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129618	01/23/26 02:40	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	129734	01/22/26 16:02	SA	EET MID
Soluble	Analysis	300.0		1			129786	01/23/26 11:49	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 22 DTD CVB

Job ID: 890-9400-1
SDG: 03C1558775

Laboratory: Eurofins Midland

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

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

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

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

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

Method Summary

Client: Ensolum
 Project/Site: PLU 22 DTD CVB

Job ID: 890-9400-1
 SDG: 03C1558775

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 22 DTD CVB

Job ID: 890-9400-1
SDG: 03C1558775

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9400-1	CS 10	Solid	01/22/26 08:39	01/22/26 12:41	0.5
890-9400-2	CS 11	Solid	01/22/26 08:41	01/22/26 12:41	0.5
890-9400-3	CS 12	Solid	01/22/26 09:12	01/22/26 12:41	0.5
890-9400-4	CS 13	Solid	01/22/26 08:47	01/22/26 12:41	0.5
890-9400-5	CS 14	Solid	01/22/26 08:49	01/22/26 12:41	0.5
890-9400-6	CS 15	Solid	01/22/26 09:47	01/22/26 12:41	0.5
890-9400-7	CS 16	Solid	01/22/26 09:50	01/22/26 12:41	0.5
890-9400-8	CS 17	Solid	01/22/26 09:52	01/22/26 12:41	0.5
890-9400-9	CS 18	Solid	01/22/26 09:55	01/22/26 12:41	0.5

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

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9400-1

SDG Number: 03C1558775

Login Number: 9400

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	

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

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9400-1

SDG Number: 03C1558775

Login Number: 9400

List Number: 2

Creator: Lee, Randall

List Source: Eurofins Midland

List Creation: 01/23/26 07:44 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	

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APPENDIX E

NMOCD Correspondence

Location:	PLU 22 DTD CVB	
Spill Date:	11/1/2025	
Incident #:		
Area 1		
Approximate Area =	3875	sq. ft.
Average Saturation (or depth) of spill =	2	inches
Average Porosity Factor =	0.15	
VOLUME OF LEAK		
Total Crude Oil =	2	bbls
Total Produced Water =	15	bbls
VOLUME OF LEAK		
Total Crude Oil =		bbls
Total Produced Water =		bbls
TOTAL VOLUME OF LEAK		
Total Crude Oil =	2	bbls
Total Produced Water =	15	bbls
TOTAL VOLUME RECOVERED		
Total Crude Oil =	0	bbls
Total Produced Water =	0	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 522566

QUESTIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 522566
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2530745190
Incident Name	NAPP2530745190 PLU 22 DTD CVB @ N-15-24S-30E
Incident Type	Other
Incident Status	Initial C-141 Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	PLU 22 DTD CVB
Date Release Discovered	11/01/2025
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Other
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	
<i>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.</i>	
Crude Oil Released (bbls) Details	Cause: Corrosion Pipeline (Any) Crude Oil Released: 2 BBL Recovered: 0 BBL Lost: 2 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion Pipeline (Any) Produced Water Released: 15 BBL Recovered: 0 BBL Lost: 15 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)	3/4" plug failed

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**State of New Mexico
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QUESTIONS, Page 2

Action 522566

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 522566
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEEnvNotifications@exxonmobil.com Date: 11/03/2025
----------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

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QUESTIONS, Page 3

Action 522566

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 522566
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Not answered.
What method was used to determine the depth to ground water	Not answered.
Did this release impact groundwater or surface water	Not answered.
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Not answered.
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Not answered.
An occupied permanent residence, school, hospital, institution, or church	Not answered.
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Not answered.
Any other fresh water well or spring	Not answered.
Incorporated municipal boundaries or a defined municipal fresh water well field	Not answered.
A wetland	Not answered.
A subsurface mine	Not answered.
An (non-karst) unstable area	Not answered.
Categorize the risk of this well / site being in a karst geology	Not answered.
A 100-year floodplain	Not answered.
Did the release impact areas not on an exploration, development, production, or storage site	Not answered.

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

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

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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 522566

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 522566
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	None	11/3/2025

From: [Hamlet, Robert, EMNRD](#)
To: [Jeremy Reich](#)
Cc: [Woodall, Robert D](#); richard.kotzur@exxonmobil.com; [Tacoma Morrissey](#); [Ben Bellill](#); [Tracy Hillard](#); [Bratcher, Michael, EMNRD](#); [Rodgers, Scott, EMNRD](#)
Subject: (Extension Approval) - XTO - Status Update - PLU 22 DTD CVB - Incident Number nAPP2530745190
Date: Monday, February 2, 2026 12:07:54 PM
Attachments: [image006.png](#)
[image007.png](#)
[image008.png](#)

[****EXTERNAL EMAIL****]

RE: Incident #**NAPP2530745190 PLU 22 DTD CVB**

Jeremy,

A 90-day extension is approved. Please have a remediation closure report uploaded to the OCD Permitting Portal no later than **May 4th, 2026**. Include this e-mail correspondence in the report.

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



From: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>
Sent: Wednesday, January 28, 2026 1:41 PM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] XTO - Status Update - PLU 22 DTD CVB - Incident Number nAPP2530745190

Scott Rodgers • Environmental Specialist – Adv.
Environmental Bureau

EMNRD - Oil Conservation Division
5200 Oakland NE, Suite B | Albuquerque, NM 87113
505.469.1830 | scott.rodgers@emnrd.nm.gov
<http://www.emnrd.nm.gov/oed>



From: Jeremy Reich <jreich@ensolum.com>
Sent: Wednesday, January 28, 2026 1:39 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Woodall, Robert D <robert.d.woodall@exxonmobil.com>; Richard Kotzur <richard.kotzur@exxonmobil.com>; Tacoma Morrissey <tmorrissey@ensolum.com>; Ben Belill <bbelill@ensolum.com>; Tracy Hillard <thillard@ensolum.com>
Subject: [EXTERNAL] XTO - Status Update - PLU 22 DTD CVB - Incident Number nAPP2530745190

You don't often get email from jreich@ensolum.com. [Learn why this is important](#)

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

Good afternoon-

XTO is providing a remediation status update for a produced water and crude oil release that occurred at the PLU 22 DTD CVB (Incident Number nAPP2530745190). The release occurred on November 1, 2025. Delineation, surface scraping with heavy equipment, excavation, and soil sampling activities have been conducted. Based on laboratory analytical results from confirmation soil sampling activities, impacted soil still exists at the Site, additional time is needed to complete remediation activities. In order to allow for more time to complete additional remediation activities, review laboratory analytical results, and submit a Closure Request, XTO kindly requests a 90-day extension until April 28, 2026.

Sincerely,



Jeremy Reich
Project Geologist
432-296-0627
[Ensolum, LLC](#)
in f X

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

QUESTIONS

Action 581527

QUESTIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 581527
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2530745190
Incident Name	NAPP2530745190 PLU 22 DTD CVB @ N-15-24S-30E
Incident Type	Other
Incident Status	Deferral Request Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	PLU 22 DTD CVB
Date Release Discovered	11/01/2025
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Other
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	
<i>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.</i>	
Crude Oil Released (bbls) Details	Cause: Corrosion Pipeline (Any) Crude Oil Released: 2 BBL Recovered: 0 BBL Lost: 2 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion Pipeline (Any) Produced Water Released: 15 BBL Recovered: 0 BBL Lost: 15 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)	3/4" plug failed

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QUESTIONS, Page 2

Action 581527

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 581527
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

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	<i>Not answered.</i>

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

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

I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEEnvNotifications@exxonmobil.com Date: 05/04/2026
----------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

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Oil Conservation Division
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QUESTIONS, Page 3

Action 581527

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 581527
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (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
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

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

Chloride (EPA 300.0 or SM4500 Cl B)	8000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	8000
GRO+DRO (EPA SW-846 Method 8015M)	6910
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	11/11/2025
On what date will (or did) the final sampling or liner inspection occur	04/09/2026
On what date will (or was) the remediation complete(d)	04/09/2026
What is the estimated surface area (in square feet) that will be reclaimed	3826
What is the estimated volume (in cubic yards) that will be reclaimed	86
What is the estimated surface area (in square feet) that will be remediated	3826
What is the estimated volume (in cubic yards) that will be remediated	86

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, Page 4

Action 581527

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 581527
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Remediation Plan (continued)

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

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 05/04/2026
----------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

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, Page 5

Action 581527

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 581527
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Production surface piping and separator equipment.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	485
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	36
<i>Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.</i>	
Enter the facility ID (##) on which this deferral should be granted	fAPP2329131432 PLU 22 DTD CVB
Enter the well API (30-) on which this deferral should be granted	Not answered.
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 05/04/2026

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Santa Fe, NM 87505

QUESTIONS, Page 6

Action 581527

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 581527
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	567139
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/31/2026
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	1000

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	No

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

CONDITIONS

Action 581527

CONDITIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 581527
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	XTO's deferral requests final remediation for (Incident Number nAPP2530745190) until final reclamation of the well pad or major construction, whichever comes first. Ensolum and XTO do not believe deferral will result in imminent risk to human health, the environment, or groundwater. The impacted soil is the area designated as "Deferral Area" on figure 4 that is limited to the area beneath, and immediately adjacent to active production equipment and surface piping where remediation would require major facility deconstruction. At this time, OCD approves this request. The Deferral Request and C-141 will be accepted for record and placed in the incident file. The release will remain open in OCD database files and reflect an open environmental issue.	5/6/2026