



March 27, 2026

New Mexico Oil Conservation Division

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

**Re: Closure Request
Dog Town Draw PW Booster
Incident Number nAPP2529655909
Eddy County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of XTO Energy, Inc. (XTO), has prepared this *Closure Request* to document assessment, delineation, excavation and soil sampling activities for a produced water release into a lined containment and onto the adjacent right-of-way (ROW) and pasture areas associated with the Dog Town Draw PW Booster (Site), also referred to as the 1st Spine Booster in accordance with an approved *Remediation Work Plan (Work Plan)*. XTO is submitting this *Closure Request*, describing excavation activities that have occurred subsequent to the assessment and delineation activities documented in the *Work Plan* and is requesting no further remediation for Incident Number nAPP2529655909.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site was originally reported in Unit N, Section 02, Township 25 South, Range 30 East, in Eddy County, New Mexico (32.1657394°, -103.8463763°). After review of internal documents, it was confirmed to be located in Unit A (L1), Section 02, Township 25 South, Range 30 East and is associated with oil and gas exploration and production operations on State Trust Land managed by the New Mexico State Land Office (NMSLO) under Lease Number B106790001.

On October 22, 2025, a pump failure resulted in the release of approximately 41 barrels (bbls) of produced water into a lined containment and overflowed onto the adjacent ROW and pasture areas. A vacuum truck was immediately dispatched and recovered 40 bbls of released fluids. XTO submitted a Notification of Release (NOR) and an Initial C-141 Application (C-141) on October 23, 2025, to the New Mexico Oil Conservation Division (NMOCD). The release was assigned Incident Number nAPP2529655909.

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. Potential Site receptors are identified on Figure 1.

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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. The closest groundwater data is from a New Mexico Office of the State Engineer (NMOSE) well, permitted as C-03716, located approximately 0.21 miles southeast of the Site. In March 2014, the well was advanced to a depth of 600 feet bgs with groundwater first encountered at 442 feet bgs. The Well Record & Log for C-03716 is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a seasonal dry wash, located approximately 9,808 feet southwest 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), and no other sensitive receptors were identified.

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

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

NMSLO CULTURAL RESOURCES AND BIOLOGICAL REVIEW

Cultural Properties Protection

The release was identified in the pasture and as a result, the release location was assessed for determination of whether the release encroached into undisturbed areas to comply with the Cultural Properties Protection Rule (CPP) prior to disturbing the surface with mechanical equipment. An Archaeological Records Management System (ARMS) review was performed for the release extent prior to excavation, and it was determined the potential disturbance area was previously surveyed. No cultural resources were identified within and/or around the release extent requiring remediation efforts. The NMSLO Cultural Resources Cover Sheet is attached in Appendix B.

Biological Review

Ensolum personnel conducted a desktop review to establish if the Site is within an area of possibly threatened, endangered, and/or sensitive wildlife and plant species, environmentally sensitive areas, surface waters, and/or sensitive soils.

- A review of the U.S. Fish and Wildlife Services Information for Planning and Consultation (IPaC) resources indicated there are no critical wildlife habitats at the Site, but potential habitats of the

Piping Plover, Texas Hornshell Clam, and Monarch Butterfly might exist. A review of the Bureau of Land Management (BLM) New Mexico Plant Wildlife Habitat maps indicated potential habitats for Scheer's beehive cactus near the Site. Threatened and endangered plant species are potentially present in the area surrounding the Site; however, no protected species were observed during remediation activities.

- The Site is located within an area of possible range of the Lesser Prairie Chicken habitat based on a review of NMSLO Candidate Conservation Agreement with Assurances (CCAA) map.
 - From March 1st through June 15th, no remediation activities occurred between the hours of 3:00 am to 9:00 am to protect any Lesser Prairie Chickens within the area.
- No environmentally sensitive receptors were located near the Site, as determined by the Site Characterization.
- The Natural Resources Conservation Service (NRCS) Web Soil Survey classifies the soil type at the Site as Berino complex, 0 to 3 percent slopes, eroded. The Berino complex is not considered a sensitive soil per the SLO guidelines.

SITE ASSESSMENT AND DELINEATION ACTIVITIES

On November 7, 2025, Ensolum personnel visited the Site to conduct delineation activities. Three boreholes, BH01 through BH03, were advanced via hand auger to investigate the vertical extent of the release. The boreholes were advanced to a maximum terminal depth of 3 feet bgs. Discrete soil samples were collected from the boreholes at depths ranging from 0.5 feet to 3 feet bgs. In addition, six delineation soil samples (SS01 through SS06) were collected outside the release extent from the ground surface to laterally delineate the release. The soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix C. The release extent and delineation soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation is included in Appendix D.

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

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for delineation soil samples SS01 through SS06 indicated all COC concentrations were compliant with Closure Criteria and reclamation requirements, successfully defining the lateral extent of the release. Laboratory analytical results for delineation soil samples collected from boreholes BH01 (0.5 feet bgs), BH02 (0.5 feet bgs), and BH03 (0.5 feet bgs and 1-foot bgs) indicated chloride concentrations exceeded the reclamation requirement; however, the chloride concentrations in the terminal soil samples collected from boreholes BH01 (1-foot bgs), BH02 (3 feet bgs), and BH03 (3 feet bgs) were compliant with the reclamation requirement. Laboratory analytical results are summarized in Table 1, and the complete laboratory analytical reports are included as Appendix E.

LINER INTEGRITY INSPECTION ACTIVITIES

A 48-hour advance notice of the liner inspection was submitted to the NMOCD on February 3, 2026. A liner integrity inspection was conducted by Ensolum personnel on February 6, 2026. The lined containment was cleaned of all debris, power washed and inspected and was determined to be operating as designed. Upon inspection, no rips, tears, holes, or damage was observed. Fresh water pooling can be observed due to the inspection occurring immediately following a liner cleaning. The liner was determined to be sufficient, and all released fluids were recovered. Photographic documentation of the inspection is included in Appendix D.

EXCAVATION SOIL SAMPLING ACTIVITIES

On January 15, 2026, Ensolum personnel were at the Site to oversee excavation activities. Impacted soil was excavated from the release area as indicated by delineation soil sample laboratory analytical results, visible staining and field screening activities. Excavation activities were performed utilizing a hydrovac, backhoe, and transport trucks. To direct excavation activities, Ensolum personnel field screened the soil samples for VOCs and chloride in the same manner as described above. Following removal of impacted soil, Ensolum personnel collected 5-point composite soil samples representing no more than 200 square feet from the sidewalls and floor 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. Confirmation soil samples FS01 through FS08 were collected from the floor of the excavation from depths ranging from 1-foot to 3 feet bgs. Confirmation sidewall soil samples SW01 through SW03 were collected from the sidewalls of the excavation at depths ranging from ground surface to 3 feet bgs. The confirmation soil samples were handled, transported, and analyzed for the same COCs as described above and submitted to Eurofins.

On February 27, 2026, Ensolum personnel returned to the Site to collect additional delineation and confirmation soil samples. Three delineation soil samples, SS07 through SS09, were collected from the surface around the southeastern lined containment overflow extent. In addition, one 5-point confirmation soil sample, CS01, was collected from the surface within the southeastern lined containment overflow extent. The soil samples were handled, transported, and analyzed for the same COCs as described above and submitted to Eurofins. The excavation extent and confirmation soil sample locations were mapped utilizing a handheld GPS unit and are presented on Figure 3. Photographic documentation of the excavation activities is included in Appendix D.

The final excavation extent measured approximately 1,600 square feet. A total of approximately 80 cubic yards of impacted soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at the R360 Halfway Disposal in Hobbs, New Mexico. The excavation will be backfilled with material purchased locally and the area recontoured to match pre-existing Site conditions. Once the disturbed pasture area is backfilled, the area will be reseeded with an SLO approved seed mix during the next recommended planting season.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for all confirmation soil samples collected indicated that all COC concentrations were compliant with the Closure Criteria and reclamation requirements. All delineation soil samples listed above that previously indicated COC concentrations exceeding Closure Criteria were removed during excavation activities. Additionally, all confirmation sidewall soil samples indicated all COC concentrations were compliant with the reclamation requirement, confirming the lateral extent of the release. Laboratory analytical results are summarized in Table 1, and the complete laboratory analytical reports are included as Appendix E.

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CLOSURE REQUEST

Site assessment, delineation, and excavation activities were conducted at the Site to address the October 2025 release of produced water. Laboratory analytical results for the confirmation soil samples collected from the final excavation extent indicated that all COC concentrations were compliant with the Closure Criteria and reclamation requirements. Based on the soil sample analytical results, no further remediation was required. XTO will backfill the excavation with material purchased locally and recontour the Site to match pre-existing Site conditions. All disturbed pasture areas will be reseeded with a SLO approved seed mix in the next recommended planting season and a reclamation report will be submitted.

Excavation of waste-containing soil has mitigated potential impacts at this Site. Depth to groundwater has been estimated to be greater than 100 feet bgs. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests closure for Incident Number nAPP2529655909.

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

Sincerely,
Ensolum, LLC

Tracy Hillard
Project Engineer

Tacoma Morrissey
Associate Principal

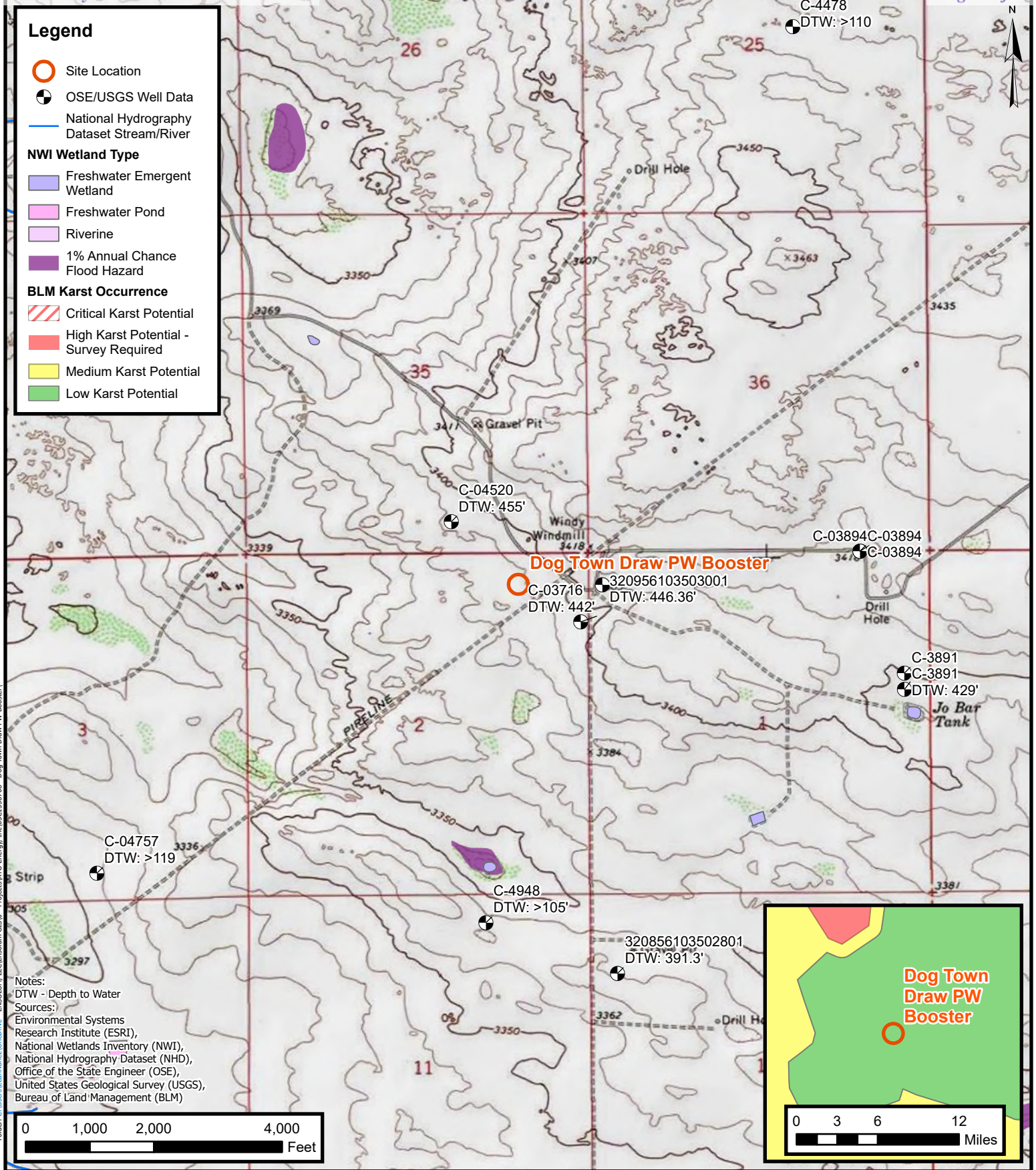
cc: Robert Woodall, XTO
Richard Kotzur, XTO
New Mexico State Land Office

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 Referenced Well Records
- Appendix B Land Access References
- Appendix C Lithologic Soil Sampling Logs
- Appendix D Photographic Log
- Appendix E Laboratory Analytical Reports & Chain-of-Custody Documentation
- Appendix F Spill Volume Calculation



FIGURES

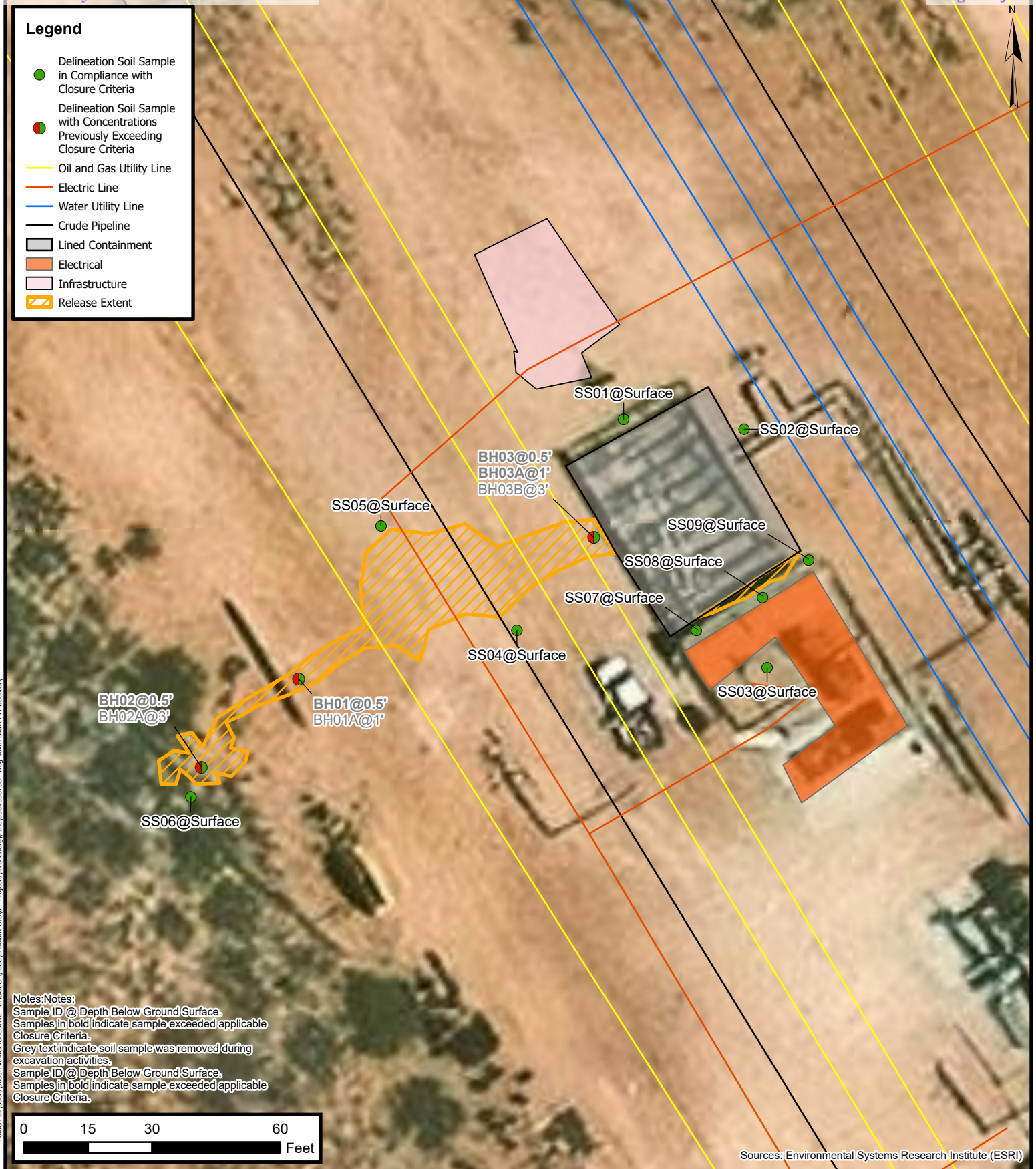


Site Receptor Map

XTO Energy, Inc
 Dog Town Draw PW Booster
 Incident Number: nAPP2529655909
 Unit A (L1), Section 02, T 25S, R 30E
 Eddy County, New Mexico

FIGURE
1



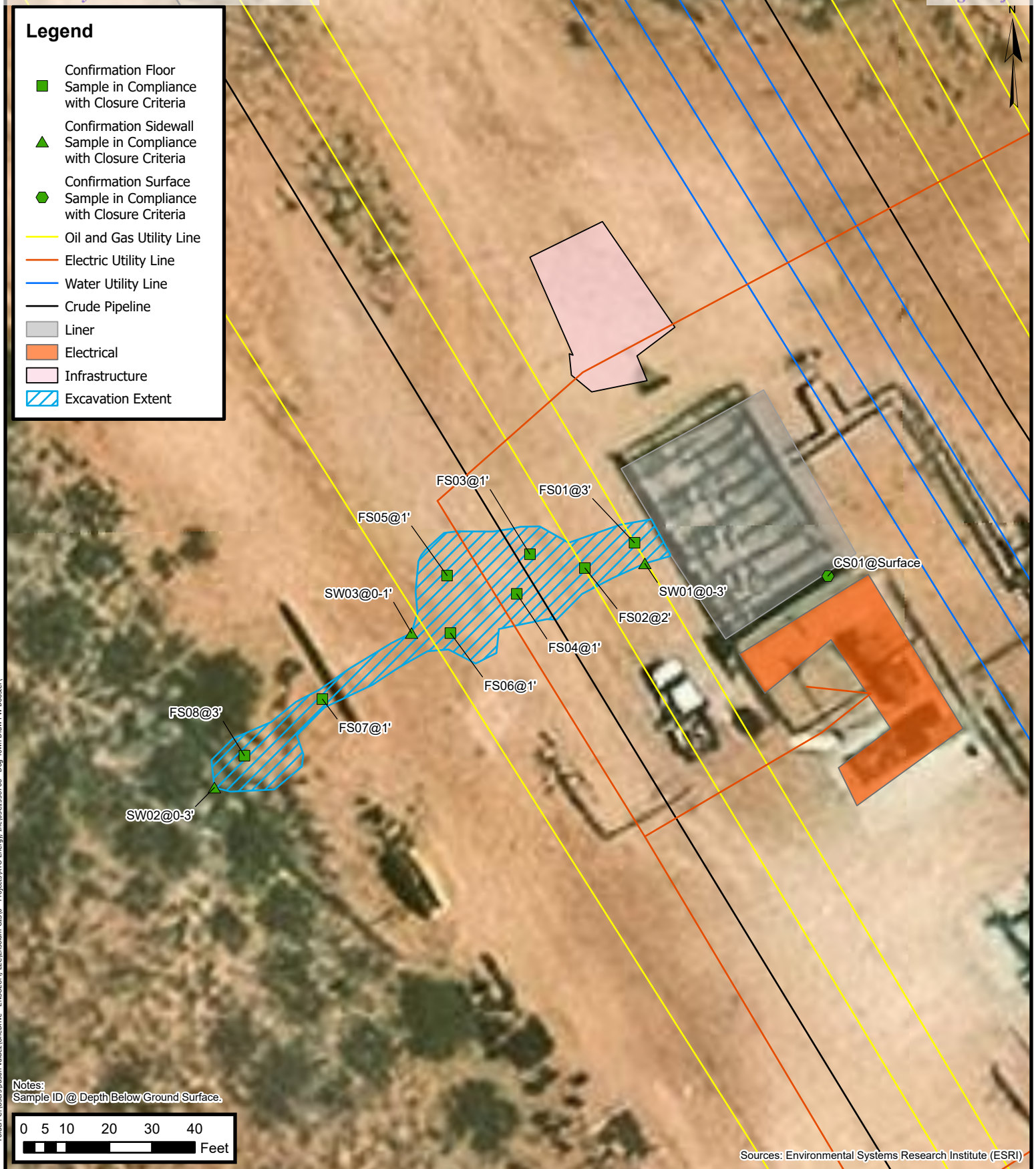


Delineation Soil Sample Locations

XTO Energy, Inc
 Dog Town Draw PW Booster
 Incident Number: nAPP2529655909
 Unit A (L1), Section 02, T 25S, R 30E
 Eddy County, New Mexico

FIGURE

2



Folder: C:\Users\Justin Velazquez\OneDrive - ENSOLUM, LLC\Ensolium GIS\0 - Projects\XTO Energy, Inc\03\1539768 - Dog Town Draw PW Booster



Confirmation Soil Sample Location

XTO Energy, Inc
 Dog Town Draw PW Booster
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 Unit A (L1), Section 02, T 25S, R 30E
 Eddy County, New Mexico

FIGURE
3



TABLES



**TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Dog Town Draw PW Booster
XTO Energy, Inc
Eddy County, New Mexico**

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCB Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
SS01	11/07/2025	Surface	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	162
SS02	11/07/2025	Surface	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	<9.96
SS03	11/07/2025	Surface	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	17.3
SS04	11/07/2025	Surface	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	142
SS05	11/07/2025	Surface	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	<9.92
SS06	11/07/2025	Surface	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	<9.90
SS07	02/27/2026	Surface	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	150
SS08	02/27/2026	Surface	<0.00202	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	25.4
SS09	02/27/2026	Surface	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	82.4
BH01	11/07/2025	0.5	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	2,580
BH01A	11/07/2025	1	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	166
BH02	11/07/2025	0.5	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	1,420
BH02A	11/07/2025	3	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	122
BH03	11/07/2025	0.5	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	923
BH03A	11/07/2025	1	<0.00201	<0.00402	<50.1	<50.1	<50.1	<50.1	<50.1	3,820
BH03B	11/07/2025	3	<0.00198	<0.00396	<49.7	<49.7	<49.7	<49.7	<49.7	224
Confirmation Soil Samples										
CS01	02/27/2026	Surface	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	109
FS01	01/15/2026	3	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	33.0
FS02	01/15/2026	2	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	15.0
FS03	01/15/2026	1	<0.00200	<0.00399	<50.1	<50.1	<50.1	<50.1	<50.1	34.6
FS04	01/15/2026	1	0.00207	<0.00402	<50.4	<50.4	<50.4	<50.4	<50.4	34.5
FS05	01/15/2026	1	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	<9.94
FS06	01/15/2026	1	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	30.9
FS07	01/15/2026	1	<0.00200	<0.00401	<49.8	<49.8	<49.8	<49.8	<49.8	62.4
FS08	01/15/2026	3	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	89.6



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

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
SW01	01/15/2026	0 - 3	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	52.1
SW02	01/15/2026	0 - 3	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	52.0
SW03	01/15/2026	0 - 1	0.00287	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	118

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

NMAC: New Mexico Administrative Code

Grey text indicates soil sample removed during excavation activities



APPENDIX A

Referenced Well Records



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER
www.ose.state.nm.us

12-16-2010
 10:56:24 AM
 OFFICE OF THE STATE ENGINEER

1. GENERAL AND WELL LOCATION	POD NUMBER (WELL NUMBER) C03716				OSE FILE NUMBER(S) C03716									
	WELL OWNER NAME(S) BoPco LP				PHONE (OPTIONAL)									
	WELL OWNER MAILING ADDRESS 3104 EAST GREEN 50.76				CITY Carlsbad		STATE NM		ZIP 88220					
	WELL LOCATION (FROM GPS)		DEGREES LATITUDE 32		MINUTES 09		SECONDS 846		N					
		LONGITUDE 103		50 35		595		W						
* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84														
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS West of Buck Jackson Rd, in center of sub station														
2. OPTIONAL	(2.5 ACRE) 1/4		(10 ACRE) 1/4		(40 ACRE) 1/4		(160 ACRE) 1/4		SECTION 2					
					TOWNSHIP 25		<input type="checkbox"/> NORTH <input checked="" type="checkbox"/> SOUTH		RANGE 30					
	SUBDIVISION NAME				LOT NUMBER		BLOCK NUMBER		UNIT/TRACT					
	HYDROGRAPHIC SURVEY				MAP NUMBER		TRACT NUMBER							
3. DRILLING INFORMATION	LICENSE NUMBER WD-1229		NAME OF LICENSED DRILLER Richard Carter				NAME OF WELL DRILLING COMPANY Carter Well Drilling							
	DRILLING STARTED 2/5/2014		DRILLING ENDED 3/3/2014		DEPTH OF COMPLETED WELL (FT) Plugged		BORE HOLE DEPTH (FT) 600		DEPTH WATER FIRST ENCOUNTERED (FT) 442					
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)													
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD <input type="checkbox"/> ADDITIVES - SPECIFY:													
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:													
	DEPTH (FT) FROM TO		BORE HOLE DIA. (IN)		CASING MATERIAL		CONNECTION TYPE (CASING)		INSIDE DIA. CASING (IN)		CASING WALL THICKNESS (IN)		SLOT SIZE (IN)	
	— —													
4. WATER BEARING STRATA	DEPTH (FT) FROM TO		THICKNESS (FT)		FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)						YIELD (GPM)			
	442 600		158		Red sandstone						50			
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA								TOTAL ESTIMATED WELL YIELD (GPM) 50						

FOR OSE INTERNAL USE				WELL RECORD & LOG (Version 6/9/08)			
FILE NUMBER C-3716		POD NUMBER		TRN NUMBER 539192		PAGE 1 OF 2	
LOCATION 25S, 30E, 02				2-2-4			

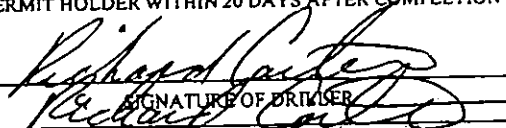
STATE ENGINEER
 PERMIT
 2
 7/14 MAR

5. SEAL AND PUMP	TYPE OF PUMP:		<input type="checkbox"/> SUBMERSIBLE	<input type="checkbox"/> JET	<input checked="" type="checkbox"/> NO PUMP - WELL NOT EQUIPPED	
			<input type="checkbox"/> TURBINE	<input type="checkbox"/> CYLINDER	<input type="checkbox"/> OTHER - SPECIFY:	
	ANNULAR SEAL AND GRAVEL PACK		DEPTH (FT) FROM TO	BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)
		0 425	8 3/4	Cement & water	252	TREMIE
		425 600	8 3/4	Silica SAND	73.5	TREMIE

6. GEOLOGIC LOG OF WELL	DEPTH (FT)		THICKNESS (FT)	COLOR AND TYPE OF MATERIAL ENCOUNTERED (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)	WATER BEARING?	
	FROM	TO			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
	0	2	2	white Caliche	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
	2	4	2	Red Sand	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
	4	18	14	white Caliche	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
	18	120	102	Red Sand	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
	120	168	48	Red Clay	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
	168	263	95	Red Sand stone	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
	263	266	3	Red Clay	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
	266	406	146	Red sandstone	<input type="checkbox"/> YES	<input type="checkbox"/> NO
	406	416	10	Red Clay	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
	416	442	26	gray Clay	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
	442	600		Red sandstone	<input type="checkbox"/> YES	<input type="checkbox"/> NO
					<input type="checkbox"/> YES	<input type="checkbox"/> NO
					<input type="checkbox"/> YES	<input type="checkbox"/> NO
					<input type="checkbox"/> YES	<input type="checkbox"/> NO
					<input type="checkbox"/> YES	<input type="checkbox"/> NO

ATTACH ADDITIONAL PAGES AS NEEDED TO FULLY DESCRIBE THE GEOLOGIC LOG OF THE WELL

7. TEST & ADDITIONAL INFO	WELL TEST	METHOD: <input type="checkbox"/> BAILER <input type="checkbox"/> PUMP <input checked="" type="checkbox"/> AIR LIFT <input type="checkbox"/> OTHER - SPECIFY:
	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.	
ADDITIONAL STATEMENTS OR EXPLANATIONS:		

8. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 SIGNATURE OF DRILLER	3/10/2014 DATE

FOR USE INTERNAL USE		WELL RECORD & LOG (Version 6/9/08)	
FILE NUMBER	C-3716	POD NUMBER	
LOCATION	25S.30E.02	TRN NUMBER	539192
	2-2-4		PAGE 2 OF 2



APPENDIX B

Land Access References



Stephanie Garcia Richard
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE

Phone (505) 827-5760

Fax (505) 827-5766

www.nmstatelands.org

MEMORANDUM

TO: Ensolum, on behalf of XTO

FROM: Megan Weldy, *Archaeologist/Conservationist*
(505) 827-5742
mweldy@nmslo.gov

SUBJECT: Ensolum on behalf of XTO
Remediation for: 1st Spine Booster Site
Section 02, T25S, R30E, N.M.P.M. Eddy County

REFERENCE: NMSLO Cultural Properties Protection Rule (19.2.24 NMAC)

DATE: 1/8/2026


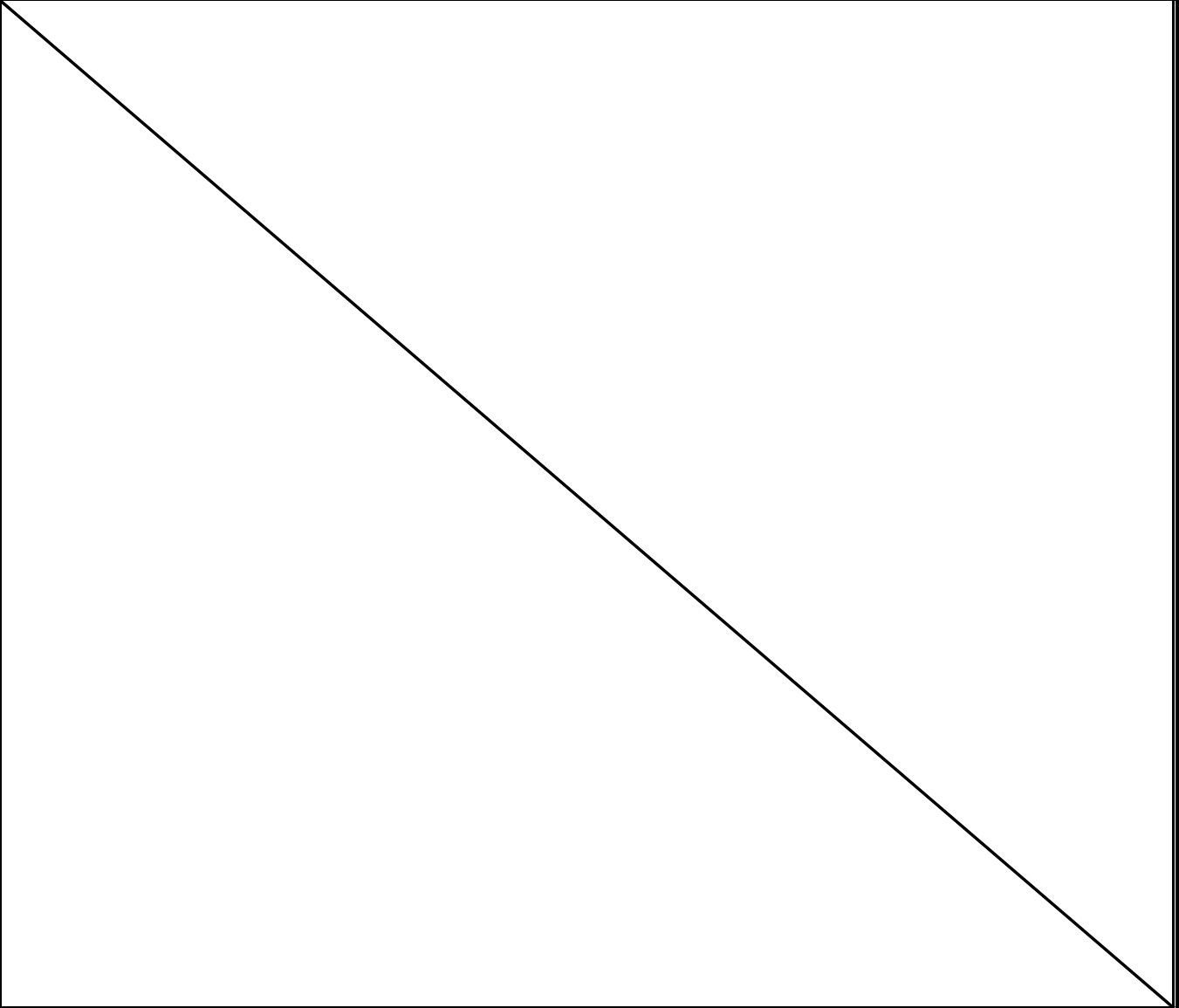
Thank you for your submission relating to the Proponent's proposed remediation activities at XTO's 1st Spine Booster Site. An archaeological survey of the entire area of potential effect has been completed and no cultural properties were identified. Pursuant to NMSLO 19.2.24.8 (C) NMAC, remediation may proceed.


If any cultural materials are inadvertently encountered during surface disturbance, work must cease within 50 feet and the NMSLO Cultural Resources Office must be notified immediately by emailing (CROinfo@nmslo.gov). Please reach out if you have questions or need additional clarification.


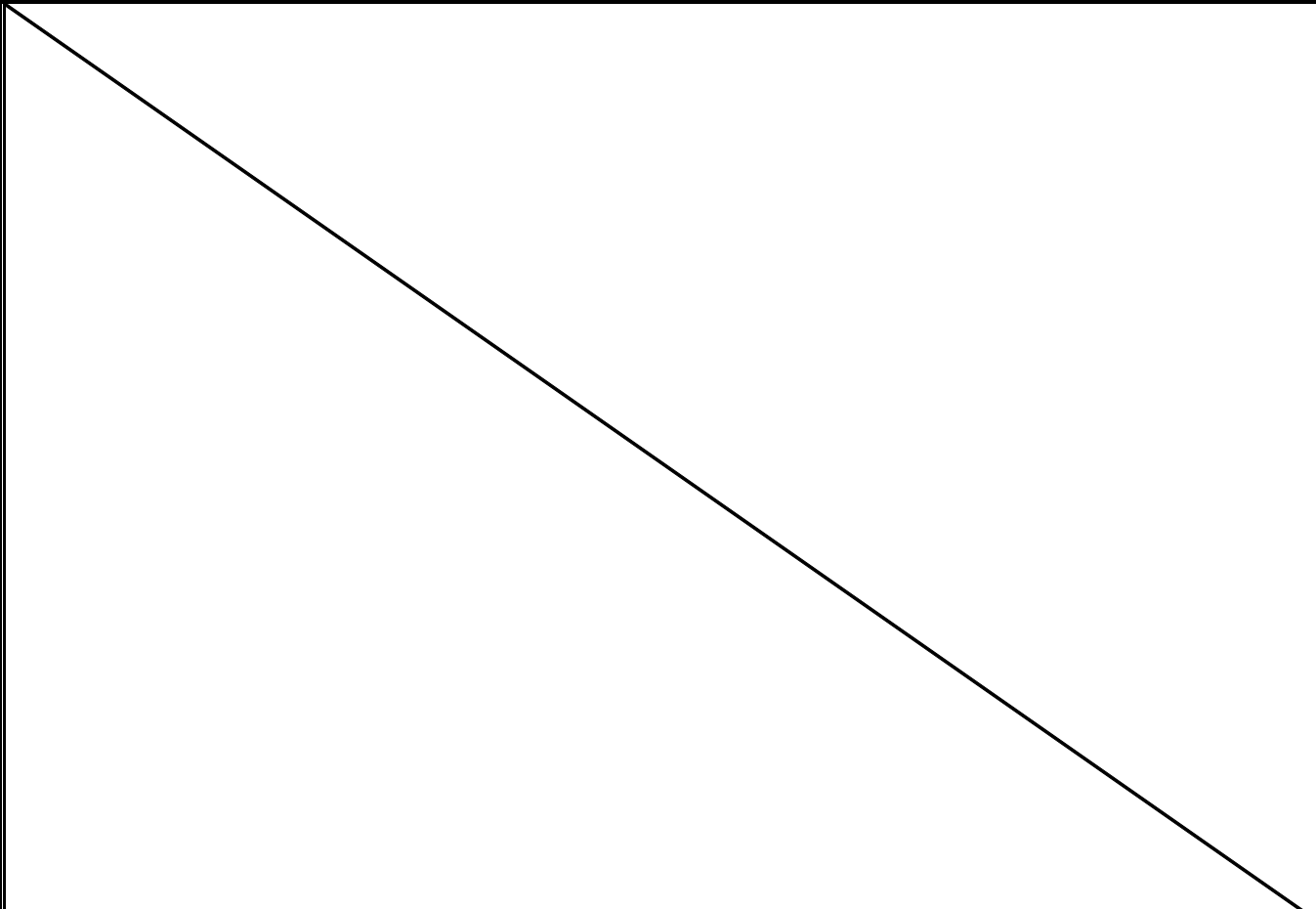


APPENDIX C

Lithologic Soil Sampling Logs

					Sample Name: BH01		Date: 11/7/2025	
					Site Name: Dog Town Draw PW Booster			
					Incident Number: nAPP2529655909			
					Job Number: 03C1558768			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: Trevor Wargo		Method: Hand Auger	
Coordinates: 32.165634, -103.846623					Hole Diameter: 4"		Total Depth: 1 ft bgs	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	2,816.80	2.7	N	BH01	0.5	0	SC	0 - 1': Brown-red sand, fine grained, poorly graded, cohesive.
D	240.8	1.7	N	BH01A	1	1		
Total depth @ 1 ft bgs								
								

					Sample Name: BH02		Date: 11/7/2025	
					Site Name: Dog Town Draw PW Booster			
					Incident Number: nAPP2529655909			
					Job Number: 03C1558768			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: Trevor Wargo		Method: Hand Auger	
Coordinates: 32.165578, -103.846697					Hole Diameter: 4"		Total Depth: 3 ft bgs	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	1,657.60	0.7	N	BH02	0.5	0	SC	0 - 3': Brown-red sand, fine grained, poorly graded, cohesive.
D	812	0.8	N		1			
D	1,148	1.0	N		2			
D	173.6	0.6	N	BH02A	3	3		
Total Depth @ 3 ft bgs								
<div style="border: 1px solid black; width: 100%; height: 100%; position: relative;"> <div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; border-left: 1px solid black; border-right: 1px solid black; border-bottom: 1px solid black;"></div> </div>								

		Sample Name: BH03		Date: 11/7/2025				
		Site Name: Dog Town Draw PW Booster						
		Incident Number: nAPP2529655909						
		Job Number: 03C1558768						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.165723, -103.846399			Logged By: Trevor Wargo		Method: Hand Auger			
			Hole Diameter: 4"		Total Depth: 3 ft bgs			
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 40% chloride correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	739.2	2.8	N	BH03	0.5	0	SC	0 - 0.5': Brown-red sand with caliche gravels (0.5 to 4 cm), fine grained, poorly graded, cohesive. 0.5 - 3': Brown-red sand, fine grained, poorly graded, cohesive.
D	3,460.8	2.9	N		1			
D	2,469.6	1.5	N		2			
D	<173.6	1.3	N	BH03A	3	3		
						Total Depth @ 3 ft bgs		
								





APPENDIX D

Photographic Log



Photographic Log

XTO Energy, Inc
Dog Town Draw PW Booster
nAPP2529655909

<p><u>Photograph</u> 1</p>	<p><u>Date</u> 10/23/2025</p>	 <p>North East 46°NE (T) • 32.165598, -103.846675 ±9ft ▲ 3316ft</p> <p>1st Spine Booster Station 10-23-2025 9:10:25 AM</p>
<p><u>Description</u> Initial release staining on pad and pasture</p>		
<p><u>View</u> Northeast</p>		
<p><u>Photograph</u> 2</p>	<p><u>Date</u> 11/7/2025</p>	 <p>SW 235°SW (T) • 32.165675, -103.846621 ±4m ▲ 1012m</p> <p>1st Spine Booster Station 07 Nov 2025 13:14:03</p>
<p><u>Description</u> Initial release staining on pad; near BH01</p>		
<p><u>View</u> Southwest</p>		



Photographic Log

XTO Energy, Inc
Dog Town Draw PW Booster
nAPP2529655909

<p><u>Photograph</u> 3</p>	<p><u>Date</u> 11/7/2025</p>	
<p><u>Description</u> Initial release staining in pasture; near BH02</p>		
<p><u>View</u> Southwest</p>		
<p><u>Photograph</u> 4</p>	<p><u>Date</u> 11/7/2025</p>	
<p><u>Description</u> Initial release staining on pad; near BH03</p>		
<p><u>View</u> East</p>		



Photographic Log

XTO Energy, Inc
Dog Town Draw PW Booster
nAPP2529655909

<p><u>Photograph</u> 5</p>	<p><u>Date</u> 11/7/2025</p>	<p>1st Spine Booster Station 07 Nov 2025 10:25:09</p>
<p><u>Description</u> Assessment sampling activities near SS01</p>		
<p><u>View</u> East</p>		
<p><u>Photograph</u> 6</p>	<p><u>Date</u> 11/7/2025</p>	<p>1st Spine Booster Station 07 Nov 2025 10:24:33</p>
<p><u>Description</u> Assessment sampling activities near SS02 and SS03</p>		
<p><u>View</u> West</p>		



Photographic Log

XTO Energy, Inc
Dog Town Draw PW Booster
nAPP2529655909

<p><u>Photograph</u> 7</p>	<p><u>Date</u> 2/6/2026</p>	
<p><u>Description</u> Liner inspection activities</p>		
<p><u>View</u> East</p>		
<p><u>Photograph</u> 8</p>	<p><u>Date</u> 2/6/2026</p>	
<p><u>Description</u> Liner inspection activities</p>		
<p><u>View</u> West</p>		



Photographic Log



XTO Energy, Inc
Dog Town Draw PW Booster
nAPP2529655909

<p><u>Photograph</u> 9</p>	<p><u>Date</u> 2/6/2026</p>	
<p><u>Description</u> Liner inspection activities</p>		
<p><u>View</u> South</p>		
<p><u>Photograph</u> 10</p>	<p><u>Date</u> 2/6/2026</p>	
<p><u>Description</u> Liner inspection activities</p>		
<p><u>View</u> East</p>		



Photographic Log

XTO Energy, Inc
Dog Town Draw PW Booster
nAPP2529655909

<p><u>Photograph</u> 11</p>	<p><u>Date</u> 1/15/2026</p>	 <p>43°NE (T) • 32.165672, -103.846523 +6ft ▲ 3389ft</p> <p>JDB</p> <p>Dog Town Draw PW Booster 15 Jan 2026 17:03:06 MST</p>
<p><u>Description</u> Excavation activities; near FS02</p>		
<p><u>View</u> Northeast</p>		
<p><u>Photograph</u> 12</p>	<p><u>Date</u> 1/15/2026</p>	 <p>54°NE (T) • 32.165604, -103.846692 +6ft ▲ 3379ft</p> <p>JDB</p> <p>Dog Town Draw PW Booster 15 Jan 2026 17:04:34 MST</p>
<p><u>Description</u> Excavation activities; near FS08</p>		
<p><u>View</u> East</p>		



Photographic Log

XTO Energy, Inc
Dog Town Draw PW Booster
nAPP2529655909

<p><u>Photograph</u> 13</p>	<p><u>Date</u> 2/27/2026</p>	 <p>258°SW (T) • 32.165716, -103.846252 ±6ft ▲ 3385ft</p> <p>JDB Dog Town Draw PW Booster 27 Feb 2026 8:34:13 MST</p>
<p><u>Description</u> Confirmation soil sampling activities; near CS01</p>		
<p><u>View</u> West</p>		
<p><u>Photograph</u> 14</p>	<p><u>Date</u> 2/27/2026</p>	 <p>92°E (T) • 32.165688, -103.846627 ±6ft ▲ 3385ft</p> <p>JDB Dog Town Draw PW Booster 27 Feb 2026 8:31:57 MST</p>
<p><u>Description</u> Final excavation extent</p>		
<p><u>View</u> East</p>		



APPENDIX E

Laboratory Analytical Reports & Chain of Custody Documentation



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Tracy Hillard
Ensolum

601 N. Marienfeld St.
Suite 400

Midland, Texas 79701

Generated 11/17/2025 12:44:10 PM

JOB DESCRIPTION

1ST SPINE BOOSTER STATION
03C1558768

JOB NUMBER

890-9051-1

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
11/17/2025 12:44:10 PM

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

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Client: Ensolum
Project/Site: 1ST SPINE BOOSTER STATION

Laboratory Job ID: 890-9051-1
SDG: 03C1558768

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Definitions/Glossary

Client: Ensolum
Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9051-1
SDG: 03C1558768

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Ensolum
Project: 1ST SPINE BOOSTER STATION

Job ID: 890-9051-1

Job ID: 890-9051-1

Eurofins Carlsbad

Job Narrative 890-9051-1

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

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

Receipt

The samples were received on 11/7/2025 4:59 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.2°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: BH 01 (890-9051-1), BH 01A (890-9051-2), BH 02 (890-9051-3), BH 02A (890-9051-4), BH 03 (890-9051-5), BH 03A (890-9051-6) and BH 03B (890-9051-7).

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: BH 02 (890-9051-3), BH 02A (890-9051-4), BH 03 (890-9051-5), BH 03A (890-9051-6), BH 03B (890-9051-7), (890-9051-A-3-C MS) and (890-9051-A-3-D MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: BH 01 (890-9051-1) and BH 01A (890-9051-2). 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_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-123610 and analytical batch 880-123813 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: 1ST SPINE BOOSTER STATION

Job ID: 890-9051-1
 SDG: 03C1558768

Client Sample ID: BH 01

Lab Sample ID: 890-9051-1

Date Collected: 11/07/25 13:02

Matrix: Solid

Date Received: 11/07/25 16:59

Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		11/14/25 09:26	11/14/25 16:34	1
Toluene	<0.00201	U	0.00201	mg/Kg		11/14/25 09:26	11/14/25 16:34	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		11/14/25 09:26	11/14/25 16:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		11/14/25 09:26	11/14/25 16:34	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		11/14/25 09:26	11/14/25 16:34	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		11/14/25 09:26	11/14/25 16:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	11/14/25 09:26	11/14/25 16:34	1
1,4-Difluorobenzene (Surr)	97		70 - 130	11/14/25 09:26	11/14/25 16:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			11/14/25 16:34	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			11/14/25 14:41	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		11/11/25 10:35	11/14/25 14:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		11/11/25 10:35	11/14/25 14:41	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		11/11/25 10:35	11/14/25 14:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	58	S1-	70 - 130	11/11/25 10:35	11/14/25 14:41	1
o-Terphenyl	67	S1-	70 - 130	11/11/25 10:35	11/14/25 14:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2580	F1	50.3	mg/Kg			11/13/25 11:13	5

Client Sample ID: BH 01A

Lab Sample ID: 890-9051-2

Date Collected: 11/07/25 13:04

Matrix: Solid

Date Received: 11/07/25 16:59

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		11/14/25 09:26	11/14/25 16:55	1
Toluene	<0.00199	U	0.00199	mg/Kg		11/14/25 09:26	11/14/25 16:55	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		11/14/25 09:26	11/14/25 16:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		11/14/25 09:26	11/14/25 16:55	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		11/14/25 09:26	11/14/25 16:55	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		11/14/25 09:26	11/14/25 16:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	11/14/25 09:26	11/14/25 16:55	1

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9051-1
 SDG: 03C1558768

Client Sample ID: BH 01A

Lab Sample ID: 890-9051-2

Date Collected: 11/07/25 13:04

Matrix: Solid

Date Received: 11/07/25 16:59

Sample Depth: 1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	102		70 - 130	11/14/25 09:26	11/14/25 16:55	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			11/14/25 16:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			11/14/25 14:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		11/11/25 10:35	11/14/25 14:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		11/11/25 10:35	11/14/25 14:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		11/11/25 10:35	11/14/25 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	60	S1-	70 - 130	11/11/25 10:35	11/14/25 14:56	1
o-Terphenyl	66	S1-	70 - 130	11/11/25 10:35	11/14/25 14:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	166		10.0	mg/Kg			11/13/25 11:29	1

Client Sample ID: BH 02

Lab Sample ID: 890-9051-3

Date Collected: 11/07/25 13:21

Matrix: Solid

Date Received: 11/07/25 16:59

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		11/14/25 09:26	11/14/25 17:16	1
Toluene	<0.00198	U	0.00198	mg/Kg		11/14/25 09:26	11/14/25 17:16	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		11/14/25 09:26	11/14/25 17:16	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		11/14/25 09:26	11/14/25 17:16	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		11/14/25 09:26	11/14/25 17:16	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		11/14/25 09:26	11/14/25 17:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	11/14/25 09:26	11/14/25 17:16	1
1,4-Difluorobenzene (Surr)	105		70 - 130	11/14/25 09:26	11/14/25 17:16	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			11/14/25 17:16	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			11/14/25 09:17	1

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Client Sample Results

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9051-1
 SDG: 03C1558768

Client Sample ID: BH 02

Lab Sample ID: 890-9051-3

Date Collected: 11/07/25 13:21

Matrix: Solid

Date Received: 11/07/25 16:59

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		11/11/25 10:35	11/14/25 09:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		11/11/25 10:35	11/14/25 09:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		11/11/25 10:35	11/14/25 09:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130	11/11/25 10:35	11/14/25 09:17	1
o-Terphenyl	70		70 - 130	11/11/25 10:35	11/14/25 09:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1420		49.9	mg/Kg			11/13/25 11:34	5

Client Sample ID: BH 02A

Lab Sample ID: 890-9051-4

Date Collected: 11/07/25 13:50

Matrix: Solid

Date Received: 11/07/25 16:59

Sample Depth: 3

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		11/14/25 09:26	11/14/25 17:36	1
Toluene	<0.00200	U	0.00200	mg/Kg		11/14/25 09:26	11/14/25 17:36	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		11/14/25 09:26	11/14/25 17:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		11/14/25 09:26	11/14/25 17:36	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		11/14/25 09:26	11/14/25 17:36	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		11/14/25 09:26	11/14/25 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	11/14/25 09:26	11/14/25 17:36	1
1,4-Difluorobenzene (Surr)	104		70 - 130	11/14/25 09:26	11/14/25 17:36	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			11/14/25 17:36	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			11/14/25 10:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		11/11/25 10:35	11/14/25 10:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		11/11/25 10:35	11/14/25 10:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		11/11/25 10:35	11/14/25 10:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130	11/11/25 10:35	11/14/25 10:03	1
o-Terphenyl	71		70 - 130	11/11/25 10:35	11/14/25 10:03	1

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Client Sample Results

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9051-1
 SDG: 03C1558768

Client Sample ID: BH 02A

Lab Sample ID: 890-9051-4

Date Collected: 11/07/25 13:50

Matrix: Solid

Date Received: 11/07/25 16:59

Sample Depth: 3

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	122		9.94	mg/Kg			11/13/25 11:40	1

Client Sample ID: BH 03

Lab Sample ID: 890-9051-5

Date Collected: 11/07/25 14:40

Matrix: Solid

Date Received: 11/07/25 16:59

Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		11/14/25 09:26	11/14/25 17:57	1
Toluene	<0.00201	U	0.00201	mg/Kg		11/14/25 09:26	11/14/25 17:57	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		11/14/25 09:26	11/14/25 17:57	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		11/14/25 09:26	11/14/25 17:57	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		11/14/25 09:26	11/14/25 17:57	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		11/14/25 09:26	11/14/25 17:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130			11/14/25 09:26	11/14/25 17:57	1
1,4-Difluorobenzene (Surr)	105		70 - 130			11/14/25 09:26	11/14/25 17:57	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			11/14/25 17:57	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			11/14/25 10:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		11/11/25 10:35	11/14/25 10:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		11/11/25 10:35	11/14/25 10:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		11/11/25 10:35	11/14/25 10:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	50	S1-	70 - 130			11/11/25 10:35	11/14/25 10:18	1
o-Terphenyl	55	S1-	70 - 130			11/11/25 10:35	11/14/25 10:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	923		9.92	mg/Kg			11/13/25 11:45	1

Client Sample Results

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9051-1
 SDG: 03C1558768

Client Sample ID: BH 03A

Lab Sample ID: 890-9051-6

Date Collected: 11/07/25 14:41

Matrix: Solid

Date Received: 11/07/25 16:59

Sample Depth: 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		11/13/25 20:20	11/14/25 14:38	1
Toluene	<0.00201	U	0.00201	mg/Kg		11/13/25 20:20	11/14/25 14:38	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		11/13/25 20:20	11/14/25 14:38	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		11/13/25 20:20	11/14/25 14:38	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		11/13/25 20:20	11/14/25 14:38	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		11/13/25 20:20	11/14/25 14:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	11/13/25 20:20	11/14/25 14:38	1
1,4-Difluorobenzene (Surr)	92		70 - 130	11/13/25 20:20	11/14/25 14:38	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			11/14/25 14:38	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1	mg/Kg			11/14/25 10:34	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1	mg/Kg		11/11/25 10:35	11/14/25 10:34	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		11/11/25 10:35	11/14/25 10:34	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		11/11/25 10:35	11/14/25 10:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130	11/11/25 10:35	11/14/25 10:34	1
o-Terphenyl	73		70 - 130	11/11/25 10:35	11/14/25 10:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3820		49.9	mg/Kg			11/13/25 12:01	5

Client Sample ID: BH 03B

Lab Sample ID: 890-9051-7

Date Collected: 11/07/25 15:01

Matrix: Solid

Date Received: 11/07/25 16:59

Sample Depth: 3

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		11/13/25 20:20	11/14/25 14:58	1
Toluene	<0.00198	U	0.00198	mg/Kg		11/13/25 20:20	11/14/25 14:58	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		11/13/25 20:20	11/14/25 14:58	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		11/13/25 20:20	11/14/25 14:58	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		11/13/25 20:20	11/14/25 14:58	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		11/13/25 20:20	11/14/25 14:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	11/13/25 20:20	11/14/25 14:58	1

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Client Sample Results

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9051-1
 SDG: 03C1558768

Client Sample ID: BH 03B

Lab Sample ID: 890-9051-7

Date Collected: 11/07/25 15:01

Matrix: Solid

Date Received: 11/07/25 16:59

Sample Depth: 3

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	94		70 - 130	11/13/25 20:20	11/14/25 14:58	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			11/14/25 14:58	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			11/14/25 10:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7	mg/Kg		11/11/25 10:35	11/14/25 10:49	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7	mg/Kg		11/11/25 10:35	11/14/25 10:49	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7	mg/Kg		11/11/25 10:35	11/14/25 10:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130	11/11/25 10:35	11/14/25 10:49	1
o-Terphenyl	72		70 - 130	11/11/25 10:35	11/14/25 10:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	224		9.96	mg/Kg			11/13/25 12:06	1

Surrogate Summary

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9051-1
 SDG: 03C1558768

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-64704-A-99-D MS	Matrix Spike	121	95
880-64704-A-99-E MSD	Matrix Spike Duplicate	125	96
890-9051-1	BH 01	103	97
890-9051-2	BH 01A	103	102
890-9051-3	BH 02	106	105
890-9051-4	BH 02A	104	104
890-9051-5	BH 03	107	105
890-9051-6	BH 03A	119	92
890-9051-7	BH 03B	118	94
890-9054-A-1-D MS	Matrix Spike	110	109
890-9054-A-1-E MSD	Matrix Spike Duplicate	98	121
LCS 880-124003/1-A	Lab Control Sample	120	98
LCS 880-124032/1-A	Lab Control Sample	101	112
LCSD 880-124003/2-A	Lab Control Sample Dup	118	95
LCSD 880-124032/2-A	Lab Control Sample Dup	102	114
MB 880-124003/5-A	Method Blank	109	87
MB 880-124032/5-A	Method Blank	106	94

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

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-9051-1	BH 01	58 S1-	67 S1-
890-9051-2	BH 01A	60 S1-	66 S1-
890-9051-3	BH 02	65 S1-	70
890-9051-3 MS	BH 02	68 S1-	76
890-9051-3 MSD	BH 02	68 S1-	75
890-9051-4	BH 02A	66 S1-	71
890-9051-5	BH 03	50 S1-	55 S1-
890-9051-6	BH 03A	69 S1-	73
890-9051-7	BH 03B	64 S1-	72
LCS 880-123662/2-A	Lab Control Sample	95	82
LCSD 880-123662/3-A	Lab Control Sample Dup	100	87
MB 880-123662/1-A	Method Blank	72	77

Surrogate Legend
 1CO = 1-Chlorooctane
 OTPH = o-Terphenyl

QC Sample Results

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9051-1
 SDG: 03C1558768

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-124003/5-A
 Matrix: Solid
 Analysis Batch: 124016

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 124003

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

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

Lab Sample ID: LCS 880-124003/1-A
 Matrix: Solid
 Analysis Batch: 124016

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 124003

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1034		mg/Kg		103	70 - 130
Toluene	0.100	0.09468		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.1018		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.200	0.1980		mg/Kg		99	70 - 130
o-Xylene	0.100	0.09976		mg/Kg		100	70 - 130

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

Lab Sample ID: LCSD 880-124003/2-A
 Matrix: Solid
 Analysis Batch: 124016

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 124003

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

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

Lab Sample ID: 880-64704-A-99-D MS
 Matrix: Solid
 Analysis Batch: 124016

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 124003

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1167		mg/Kg		117	70 - 130
Toluene	<0.00200	U	0.100	0.1090		mg/Kg		109	70 - 130

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QC Sample Results

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9051-1
 SDG: 03C1558768

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

Lab Sample ID: 880-64704-A-99-D MS
Matrix: Solid
Analysis Batch: 124016

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 124003

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

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

Lab Sample ID: 880-64704-A-99-E MSD
Matrix: Solid
Analysis Batch: 124016

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 124003

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

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

Lab Sample ID: MB 880-124032/5-A
Matrix: Solid
Analysis Batch: 124020

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 124032

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	<0.00200	U	0.00200	mg/Kg		11/14/25 09:26	11/14/25 11:34	1
Toluene	<0.00200	U	0.00200	mg/Kg		11/14/25 09:26	11/14/25 11:34	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		11/14/25 09:26	11/14/25 11:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		11/14/25 09:26	11/14/25 11:34	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		11/14/25 09:26	11/14/25 11:34	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		11/14/25 09:26	11/14/25 11:34	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	106		70 - 130	11/14/25 09:26	11/14/25 11:34	1
1,4-Difluorobenzene (Surr)	94		70 - 130	11/14/25 09:26	11/14/25 11:34	1

Lab Sample ID: LCS 880-124032/1-A
Matrix: Solid
Analysis Batch: 124020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 124032

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
Benzene	0.100	0.1026		mg/Kg		103	70 - 130
Toluene	0.100	0.08447		mg/Kg		84	70 - 130
Ethylbenzene	0.100	0.09191		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	0.200	0.1935		mg/Kg		97	70 - 130

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QC Sample Results

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9051-1
 SDG: 03C1558768

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

Lab Sample ID: LCS 880-124032/1-A
 Matrix: Solid
 Analysis Batch: 124020

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 124032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1003		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: LCSD 880-124032/2-A
 Matrix: Solid
 Analysis Batch: 124020

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 124032

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1047		mg/Kg		105	70 - 130	2	35
Toluene	0.100	0.08753		mg/Kg		88	70 - 130	4	35
Ethylbenzene	0.100	0.09676		mg/Kg		97	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2043		mg/Kg		102	70 - 130	5	35
o-Xylene	0.100	0.1056		mg/Kg		106	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: 890-9054-A-1-D MS
 Matrix: Solid
 Analysis Batch: 124020

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 124032

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09914		mg/Kg		99	70 - 130
Toluene	<0.00200	U	0.100	0.08444		mg/Kg		84	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09352		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1971		mg/Kg		99	70 - 130
o-Xylene	<0.00200	U	0.100	0.09938		mg/Kg		99	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 890-9054-A-1-E MSD
 Matrix: Solid
 Analysis Batch: 124020

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 124032

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.1062		mg/Kg		106	70 - 130	7	35
Toluene	<0.00200	U	0.100	0.08674		mg/Kg		87	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.09450		mg/Kg		95	70 - 130	1	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2029		mg/Kg		101	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.1024		mg/Kg		102	70 - 130	3	35

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QC Sample Results

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9051-1
 SDG: 03C1558768

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

Lab Sample ID: 890-9054-A-1-E MSD
 Matrix: Solid
 Analysis Batch: 124020

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 124032

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	121		70 - 130

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

Lab Sample ID: MB 880-123662/1-A
 Matrix: Solid
 Analysis Batch: 124025

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 123662

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		11/11/25 10:35	11/14/25 06:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		11/11/25 10:35	11/14/25 06:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		11/11/25 10:35	11/14/25 06:09	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	72		70 - 130	11/11/25 10:35	11/14/25 06:09	1
o-Terphenyl	77		70 - 130	11/11/25 10:35	11/14/25 06:09	1

Lab Sample ID: LCS 880-123662/2-A
 Matrix: Solid
 Analysis Batch: 124025

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 123662

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	914.9		mg/Kg		91	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	95		70 - 130
o-Terphenyl	82		70 - 130

Lab Sample ID: LCSD 880-123662/3-A
 Matrix: Solid
 Analysis Batch: 124025

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 123662

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1084		mg/Kg		108	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	973.5		mg/Kg		97	70 - 130	6	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	100		70 - 130
o-Terphenyl	87		70 - 130

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QC Sample Results

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9051-1
 SDG: 03C1558768

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-9051-1 MS
Matrix: Solid
Analysis Batch: 123813

Client Sample ID: BH 01
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2580	F1	1260	4201	F1	mg/Kg		129	90 - 110

Lab Sample ID: 890-9051-1 MSD
Matrix: Solid
Analysis Batch: 123813

Client Sample ID: BH 01
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2580	F1	1260	4209	F1	mg/Kg		130	90 - 110	0	20

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

QC Association Summary

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9051-1
 SDG: 03C1558768

GC VOA

Prep Batch: 124003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9051-6	BH 03A	Total/NA	Solid	5035	
890-9051-7	BH 03B	Total/NA	Solid	5035	
MB 880-124003/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-124003/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-124003/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-64704-A-99-D MS	Matrix Spike	Total/NA	Solid	5035	
880-64704-A-99-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 124016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9051-6	BH 03A	Total/NA	Solid	8021B	124003
890-9051-7	BH 03B	Total/NA	Solid	8021B	124003
MB 880-124003/5-A	Method Blank	Total/NA	Solid	8021B	124003
LCS 880-124003/1-A	Lab Control Sample	Total/NA	Solid	8021B	124003
LCSD 880-124003/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	124003
880-64704-A-99-D MS	Matrix Spike	Total/NA	Solid	8021B	124003
880-64704-A-99-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	124003

Analysis Batch: 124020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9051-1	BH 01	Total/NA	Solid	8021B	124032
890-9051-2	BH 01A	Total/NA	Solid	8021B	124032
890-9051-3	BH 02	Total/NA	Solid	8021B	124032
890-9051-4	BH 02A	Total/NA	Solid	8021B	124032
890-9051-5	BH 03	Total/NA	Solid	8021B	124032
MB 880-124032/5-A	Method Blank	Total/NA	Solid	8021B	124032
LCS 880-124032/1-A	Lab Control Sample	Total/NA	Solid	8021B	124032
LCSD 880-124032/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	124032
890-9054-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	124032
890-9054-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	124032

Prep Batch: 124032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9051-1	BH 01	Total/NA	Solid	5035	
890-9051-2	BH 01A	Total/NA	Solid	5035	
890-9051-3	BH 02	Total/NA	Solid	5035	
890-9051-4	BH 02A	Total/NA	Solid	5035	
890-9051-5	BH 03	Total/NA	Solid	5035	
MB 880-124032/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-124032/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-124032/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9054-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
890-9054-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 124186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9051-1	BH 01	Total/NA	Solid	Total BTEX	
890-9051-2	BH 01A	Total/NA	Solid	Total BTEX	
890-9051-3	BH 02	Total/NA	Solid	Total BTEX	
890-9051-4	BH 02A	Total/NA	Solid	Total BTEX	
890-9051-5	BH 03	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Ensolum
Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9051-1
SDG: 03C1558768

GC VOA (Continued)

Analysis Batch: 124186 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9051-6	BH 03A	Total/NA	Solid	Total BTEX	
890-9051-7	BH 03B	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 123662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9051-1	BH 01	Total/NA	Solid	8015NM Prep	
890-9051-2	BH 01A	Total/NA	Solid	8015NM Prep	
890-9051-3	BH 02	Total/NA	Solid	8015NM Prep	
890-9051-4	BH 02A	Total/NA	Solid	8015NM Prep	
890-9051-5	BH 03	Total/NA	Solid	8015NM Prep	
890-9051-6	BH 03A	Total/NA	Solid	8015NM Prep	
890-9051-7	BH 03B	Total/NA	Solid	8015NM Prep	
MB 880-123662/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-123662/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCS 880-123662/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9051-3 MS	BH 02	Total/NA	Solid	8015NM Prep	
890-9051-3 MSD	BH 02	Total/NA	Solid	8015NM Prep	

Analysis Batch: 124025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9051-1	BH 01	Total/NA	Solid	8015B NM	123662
890-9051-2	BH 01A	Total/NA	Solid	8015B NM	123662
890-9051-3	BH 02	Total/NA	Solid	8015B NM	123662
890-9051-4	BH 02A	Total/NA	Solid	8015B NM	123662
890-9051-5	BH 03	Total/NA	Solid	8015B NM	123662
890-9051-6	BH 03A	Total/NA	Solid	8015B NM	123662
890-9051-7	BH 03B	Total/NA	Solid	8015B NM	123662
MB 880-123662/1-A	Method Blank	Total/NA	Solid	8015B NM	123662
LCS 880-123662/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	123662
LCS 880-123662/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	123662
890-9051-3 MS	BH 02	Total/NA	Solid	8015B NM	123662
890-9051-3 MSD	BH 02	Total/NA	Solid	8015B NM	123662

Analysis Batch: 124167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9051-1	BH 01	Total/NA	Solid	8015 NM	
890-9051-2	BH 01A	Total/NA	Solid	8015 NM	
890-9051-3	BH 02	Total/NA	Solid	8015 NM	
890-9051-4	BH 02A	Total/NA	Solid	8015 NM	
890-9051-5	BH 03	Total/NA	Solid	8015 NM	
890-9051-6	BH 03A	Total/NA	Solid	8015 NM	
890-9051-7	BH 03B	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 123610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9051-1	BH 01	Soluble	Solid	DI Leach	
890-9051-2	BH 01A	Soluble	Solid	DI Leach	
890-9051-3	BH 02	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9051-1
 SDG: 03C1558768

HPLC/IC (Continued)

Leach Batch: 123610 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9051-4	BH 02A	Soluble	Solid	DI Leach	
890-9051-5	BH 03	Soluble	Solid	DI Leach	
890-9051-6	BH 03A	Soluble	Solid	DI Leach	
890-9051-7	BH 03B	Soluble	Solid	DI Leach	
MB 880-123610/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-123610/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-123610/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9051-1 MS	BH 01	Soluble	Solid	DI Leach	
890-9051-1 MSD	BH 01	Soluble	Solid	DI Leach	

Analysis Batch: 123813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9051-1	BH 01	Soluble	Solid	300.0	123610
890-9051-2	BH 01A	Soluble	Solid	300.0	123610
890-9051-3	BH 02	Soluble	Solid	300.0	123610
890-9051-4	BH 02A	Soluble	Solid	300.0	123610
890-9051-5	BH 03	Soluble	Solid	300.0	123610
890-9051-6	BH 03A	Soluble	Solid	300.0	123610
890-9051-7	BH 03B	Soluble	Solid	300.0	123610
MB 880-123610/1-A	Method Blank	Soluble	Solid	300.0	123610
LCS 880-123610/2-A	Lab Control Sample	Soluble	Solid	300.0	123610
LCSD 880-123610/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	123610
890-9051-1 MS	BH 01	Soluble	Solid	300.0	123610
890-9051-1 MSD	BH 01	Soluble	Solid	300.0	123610

Lab Chronicle

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9051-1
 SDG: 03C1558768

Client Sample ID: BH 01
 Date Collected: 11/07/25 13:02
 Date Received: 11/07/25 16:59

Lab Sample ID: 890-9051-1
 Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	124032	11/14/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124020	11/14/25 16:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124186	11/14/25 16:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			124167	11/14/25 14:41	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	123662	11/11/25 10:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124025	11/14/25 14:41	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	123610	11/10/25 16:25	SA	EET MID
Soluble	Analysis	300.0		5			123813	11/13/25 11:13	CS	EET MID

Client Sample ID: BH 01A
 Date Collected: 11/07/25 13:04
 Date Received: 11/07/25 16:59

Lab Sample ID: 890-9051-2
 Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	124032	11/14/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124020	11/14/25 16:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124186	11/14/25 16:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			124167	11/14/25 14:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	123662	11/11/25 10:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124025	11/14/25 14:56	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	123610	11/10/25 16:25	SA	EET MID
Soluble	Analysis	300.0		1			123813	11/13/25 11:29	CS	EET MID

Client Sample ID: BH 02
 Date Collected: 11/07/25 13:21
 Date Received: 11/07/25 16:59

Lab Sample ID: 890-9051-3
 Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	124032	11/14/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124020	11/14/25 17:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124186	11/14/25 17:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			124167	11/14/25 09:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	123662	11/11/25 10:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124025	11/14/25 09:17	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	123610	11/10/25 16:25	SA	EET MID
Soluble	Analysis	300.0		5			123813	11/13/25 11:34	CS	EET MID

Client Sample ID: BH 02A
 Date Collected: 11/07/25 13:50
 Date Received: 11/07/25 16:59

Lab Sample ID: 890-9051-4
 Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	124032	11/14/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124020	11/14/25 17:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124186	11/14/25 17:36	SA	EET MID

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Lab Chronicle

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9051-1
 SDG: 03C1558768

Client Sample ID: BH 02A

Lab Sample ID: 890-9051-4

Date Collected: 11/07/25 13:50

Matrix: Solid

Date Received: 11/07/25 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			124167	11/14/25 10:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	123662	11/11/25 10:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124025	11/14/25 10:03	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	123610	11/10/25 16:25	SA	EET MID
Soluble	Analysis	300.0		1			123813	11/13/25 11:40	CS	EET MID

Client Sample ID: BH 03

Lab Sample ID: 890-9051-5

Date Collected: 11/07/25 14:40

Matrix: Solid

Date Received: 11/07/25 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	124032	11/14/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124020	11/14/25 17:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124186	11/14/25 17:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			124167	11/14/25 10:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	123662	11/11/25 10:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124025	11/14/25 10:18	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	123610	11/10/25 16:25	SA	EET MID
Soluble	Analysis	300.0		1			123813	11/13/25 11:45	CS	EET MID

Client Sample ID: BH 03A

Lab Sample ID: 890-9051-6

Date Collected: 11/07/25 14:41

Matrix: Solid

Date Received: 11/07/25 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	124003	11/13/25 20:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124016	11/14/25 14:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124186	11/14/25 14:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			124167	11/14/25 10:34	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	123662	11/11/25 10:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124025	11/14/25 10:34	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	123610	11/10/25 16:25	SA	EET MID
Soluble	Analysis	300.0		5			123813	11/13/25 12:01	CS	EET MID

Client Sample ID: BH 03B

Lab Sample ID: 890-9051-7

Date Collected: 11/07/25 15:01

Matrix: Solid

Date Received: 11/07/25 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	124003	11/13/25 20:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124016	11/14/25 14:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124186	11/14/25 14:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			124167	11/14/25 10:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	123662	11/11/25 10:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124025	11/14/25 10:49	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9051-1
SDG: 03C1558768

Client Sample ID: BH 03B

Lab Sample ID: 890-9051-7

Date Collected: 11/07/25 15:01

Matrix: Solid

Date Received: 11/07/25 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	123610	11/10/25 16:25	SA	EET MID
Soluble	Analysis	300.0		1			123813	11/13/25 12:06	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: 1ST SPINE BOOSTER STATION

Job ID: 890-9051-1
SDG: 03C1558768

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: 1ST SPINE BOOSTER STATION

Job ID: 890-9051-1
SDG: 03C1558768

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: 1ST SPINE BOOSTER STATION

Job ID: 890-9051-1
SDG: 03C1558768

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9051-1	BH 01	Solid	11/07/25 13:02	11/07/25 16:59	0.5
890-9051-2	BH 01A	Solid	11/07/25 13:04	11/07/25 16:59	1
890-9051-3	BH 02	Solid	11/07/25 13:21	11/07/25 16:59	0.5
890-9051-4	BH 02A	Solid	11/07/25 13:50	11/07/25 16:59	3
890-9051-5	BH 03	Solid	11/07/25 14:40	11/07/25 16:59	0.5
890-9051-6	BH 03A	Solid	11/07/25 14:41	11/07/25 16:59	1
890-9051-7	BH 03B	Solid	11/07/25 15:01	11/07/25 16:59	3

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Environment Testing Xenco

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

Chain of Custody

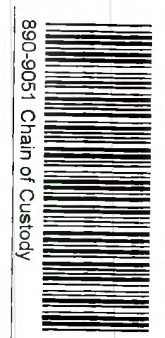
Work Order No: _____

www.xenco.com Page 2 of 1

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

Project Name:	1st Spine Proaster Station	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush
Project Number:	Q3C1SS8768	Pres. Code:	
Project Location:	32.16544-103.84674	Due Date:	
Sampler's Name:	Trevor Wargo	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Thermometer
Samples Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	4.4	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:	4.2	
Total Containers:				



890-9051 Chain of Custody

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Preservative Codes	Sample Comments
BH01	soil	11/07/25	13:02	0.5	G	1	PH 8015	None: NO DI Water: H ₂ O	
BH01A			13:04	1			PTX 8021	Cool: Cool MeOH: Me	
BH02			13:21	0.5			Chloride 4500	HCL: HC HNO ₃ : HN	
BH02A			13:50	3				H ₂ SO ₄ : H ₂	
BH03			14:10	0.5				H ₃ PO ₄ : HP	
BH03A			14:41	1				NaHSO ₄ : NABIS	
BH03C			15:01	3				Na ₂ S ₂ O ₅ : NaSO ₅	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al 5b 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 5b As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>Trevor Wargo</i>	<i>Sunny</i>	11/16/25			

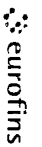
T.Morrissey@ensolum.com Incident # : n APP 262965 5909
 CC: 1081 711001
 FRM DE FRN_

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Eurofins Carlsbad

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

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6089-1
Client Contact: Shipping/Receiving		Phone: N/A	E-Mail: Jessica.Kramer@et.eurofins.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Environment Testing South Cent		Accreditations Required (See note): NELAP - Texas		Lab #: 890-9051-1	Preservation Codes:
Address: 1211 W. Florida Ave.		Due Date Requested: 11/13/2025		Analysis Requested	
City: Midland		TAT Requested (days): N/A			
State/Zip: TX, 79701		PO #: N/A			
Phone: 432-704-5440(Tel)		WO #: N/A			
Email: N/A		Project #: 89000110			
Project Name: 1ST SPINE BOOSTER STATION		SSOW#: N/A			
Site: N/A		Matrix (Wet, Solid, Composite, A-44)			
		Field Filtered Sample (Yes or No)			
		Perform MS/MSD (Yes or No)			
		8015MOD_NM/8015NM_S_Prep(MOD) Full TPH			
		8015MOD_Calc			
		300_ORGFM_28D/DI_LEACHChloride			
		8021B/5035FP_Calc(MOD) BTEX			
		Total_BTEX_GCV			
		Total Number of containers			
		Special Instructions/Note:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (G=Comp, G=grab)	Matrix (Wet, Solid, Composite, A-44)	Preservation Code:	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep(MOD) Full TPH	8015MOD_Calc	300_ORGFM_28D/DI_LEACHChloride	8021B/5035FP_Calc(MOD) BTEX	Total_BTEX_GCV	Total Number of containers	Special Instructions/Note:
BH 01 (890-9051-1)	11/7/25	13:02	G	Solid		X	X	X	X	X	X	X	1	
BH 01A (890-9051-2)	11/7/25	13:04	G	Solid		X	X	X	X	X	X	X	1	
BH 02 (890-9051-3)	11/7/25	13:21	G	Solid		X	X	X	X	X	X	X	1	
BH 02A (890-9051-4)	11/7/25	13:50	G	Solid		X	X	X	X	X	X	X	1	
BH 03 (890-9051-5)	11/7/25	14:40	G	Solid		X	X	X	X	X	X	X	1	
BH 03A (890-9051-6)	11/7/25	14:41	G	Solid		X	X	X	X	X	X	X	1	
BH 03B (890-9051-7)	11/7/25	15:01	G	Solid		X	X	X	X	X	X	X	1	

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

Possible Hazard Identification

Unconfirmed

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

Empty Kit Relinquished by: _____ Date: _____

Relinquished by: *Swain* Date/Time: 11/10 1630 Company: _____

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

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

Custody Seals Intact: Yes No Custody Seal No.: _____

Cooler Temperature(s) °C and Other Remarks: *3.2/3.1 FR-8 (G1)*

Special Instructions/QC Requirements: Return To Client Disposal By Lab Archive For _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Method of Shipment: _____

Received by: *Ed* Date/Time: 11/11/25 0800 Company: _____

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

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9051-1

SDG Number: 03C1558768

Login Number: 9051

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: 890-9051-1

SDG Number: 03C1558768

Login Number: 9051

List Source: Eurofins Midland

List Number: 2

List Creation: 11/11/25 08:24 AM

Creator: Lee, Randall

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: Tracy Hillard
Ensolum

601 N. Marienfeld St.
Suite 400

Midland, Texas 79701

Generated 11/17/2025 12:44:21 PM

JOB DESCRIPTION

1ST SPINE BOOSTER STATION
03C1558768

JOB NUMBER

890-9053-1

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
11/17/2025 12:44:21 PM

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

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Client: Ensolum
Project/Site: 1ST SPINE BOOSTER STATION

Laboratory Job ID: 890-9053-1
SDG: 03C1558768

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Definitions/Glossary

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9053-1
 SDG: 03C1558768

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
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: 1ST SPINE BOOSTER STATION

Job ID: 890-9053-1

Job ID: 890-9053-1

Eurofins Carlsbad

Job Narrative 890-9053-1

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

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

Receipt

The samples were received on 11/7/2025 4:59 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.2°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-9053-1), SS 02 (890-9053-2), SS 03 (890-9053-3), SS 04 (890-9053-4), SS 05 (890-9053-5) and SS 06 (890-9053-6).

GC VOA

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

Diesel Range Organics

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

HPLC/IC

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

Eurofins Carlsbad



Client Sample Results

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9053-1
 SDG: 03C1558768

Client Sample ID: SS 01

Lab Sample ID: 890-9053-1

Date Collected: 11/07/25 10:56

Matrix: Solid

Date Received: 11/07/25 16:59

Sample Depth: SURFACE

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		11/14/25 09:26	11/14/25 13:18	1
Toluene	<0.00201	U	0.00201	mg/Kg		11/14/25 09:26	11/14/25 13:18	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		11/14/25 09:26	11/14/25 13:18	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		11/14/25 09:26	11/14/25 13:18	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		11/14/25 09:26	11/14/25 13:18	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		11/14/25 09:26	11/14/25 13:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130			11/14/25 09:26	11/14/25 13:18	1
1,4-Difluorobenzene (Surr)	103		70 - 130			11/14/25 09:26	11/14/25 13:18	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			11/14/25 13:18	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			11/14/25 10:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		11/11/25 10:38	11/14/25 10:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		11/11/25 10:38	11/14/25 10:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		11/11/25 10:38	11/14/25 10:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130			11/11/25 10:38	11/14/25 10:03	1
o-Terphenyl	95		70 - 130			11/11/25 10:38	11/14/25 10:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	162		10.1	mg/Kg			11/13/25 02:02	1

Client Sample ID: SS 02

Lab Sample ID: 890-9053-2

Date Collected: 11/07/25 10:57

Matrix: Solid

Date Received: 11/07/25 16:59

Sample Depth: SURFACE

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		11/14/25 09:26	11/14/25 13:38	1
Toluene	<0.00202	U	0.00202	mg/Kg		11/14/25 09:26	11/14/25 13:38	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		11/14/25 09:26	11/14/25 13:38	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		11/14/25 09:26	11/14/25 13:38	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		11/14/25 09:26	11/14/25 13:38	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		11/14/25 09:26	11/14/25 13:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130			11/14/25 09:26	11/14/25 13:38	1

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Client Sample Results

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9053-1
 SDG: 03C1558768

Client Sample ID: SS 02

Lab Sample ID: 890-9053-2

Date Collected: 11/07/25 10:57

Matrix: Solid

Date Received: 11/07/25 16:59

Sample Depth: SURFACE

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	11/14/25 09:26	11/14/25 13:38	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			11/14/25 13:38	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			11/14/25 10:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		11/11/25 10:38	11/14/25 10:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		11/11/25 10:38	11/14/25 10:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		11/11/25 10:38	11/14/25 10:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	11/11/25 10:38	11/14/25 10:18	1
o-Terphenyl	91		70 - 130	11/11/25 10:38	11/14/25 10:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96	mg/Kg			11/13/25 02:07	1

Client Sample ID: SS 03

Lab Sample ID: 890-9053-3

Date Collected: 11/07/25 11:28

Matrix: Solid

Date Received: 11/07/25 16:59

Sample Depth: SURFACE

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		11/14/25 09:26	11/14/25 13:59	1
Toluene	<0.00199	U	0.00199	mg/Kg		11/14/25 09:26	11/14/25 13:59	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		11/14/25 09:26	11/14/25 13:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		11/14/25 09:26	11/14/25 13:59	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		11/14/25 09:26	11/14/25 13:59	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		11/14/25 09:26	11/14/25 13:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	11/14/25 09:26	11/14/25 13:59	1
1,4-Difluorobenzene (Surr)	102		70 - 130	11/14/25 09:26	11/14/25 13:59	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			11/14/25 13:59	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			11/14/25 10:34	1

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Client Sample Results

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9053-1
 SDG: 03C1558768

Client Sample ID: SS 03

Lab Sample ID: 890-9053-3

Date Collected: 11/07/25 11:28

Matrix: Solid

Date Received: 11/07/25 16:59

Sample Depth: SURFACE

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		11/11/25 10:38	11/14/25 10:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		11/11/25 10:38	11/14/25 10:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		11/11/25 10:38	11/14/25 10:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130			11/11/25 10:38	11/14/25 10:34	1
o-Terphenyl	87		70 - 130			11/11/25 10:38	11/14/25 10:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.3		9.98	mg/Kg			11/13/25 02:25	1

Client Sample ID: SS 04

Lab Sample ID: 890-9053-4

Date Collected: 11/07/25 11:13

Matrix: Solid

Date Received: 11/07/25 16:59

Sample Depth: SURFACE

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		11/14/25 09:26	11/14/25 14:19	1
Toluene	<0.00198	U	0.00198	mg/Kg		11/14/25 09:26	11/14/25 14:19	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		11/14/25 09:26	11/14/25 14:19	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		11/14/25 09:26	11/14/25 14:19	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		11/14/25 09:26	11/14/25 14:19	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		11/14/25 09:26	11/14/25 14:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			11/14/25 09:26	11/14/25 14:19	1
1,4-Difluorobenzene (Surr)	99		70 - 130			11/14/25 09:26	11/14/25 14:19	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			11/14/25 14:19	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			11/14/25 10:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		11/11/25 10:38	11/14/25 10:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		11/11/25 10:38	11/14/25 10:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		11/11/25 10:38	11/14/25 10:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130			11/11/25 10:38	11/14/25 10:49	1
o-Terphenyl	91		70 - 130			11/11/25 10:38	11/14/25 10:49	1

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Client Sample Results

Client: Ensolum
Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9053-1
SDG: 03C1558768

Client Sample ID: SS 04

Lab Sample ID: 890-9053-4

Date Collected: 11/07/25 11:13
Date Received: 11/07/25 16:59
Sample Depth: SURFACE

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	142		9.94	mg/Kg			11/13/25 02:31	1

Client Sample ID: SS 05

Lab Sample ID: 890-9053-5

Date Collected: 11/07/25 11:29
Date Received: 11/07/25 16:59
Sample Depth: SURFACE

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		11/14/25 09:26	11/14/25 14:40	1
Toluene	<0.00200	U	0.00200	mg/Kg		11/14/25 09:26	11/14/25 14:40	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		11/14/25 09:26	11/14/25 14:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		11/14/25 09:26	11/14/25 14:40	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		11/14/25 09:26	11/14/25 14:40	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		11/14/25 09:26	11/14/25 14:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130			11/14/25 09:26	11/14/25 14:40	1
1,4-Difluorobenzene (Surr)	101		70 - 130			11/14/25 09:26	11/14/25 14:40	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			11/14/25 14:40	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			11/14/25 11:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		11/11/25 10:38	11/14/25 11:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		11/11/25 10:38	11/14/25 11:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		11/11/25 10:38	11/14/25 11:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130			11/11/25 10:38	11/14/25 11:05	1
o-Terphenyl	91		70 - 130			11/11/25 10:38	11/14/25 11:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92	mg/Kg			11/13/25 02:37	1

Client Sample Results

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9053-1
 SDG: 03C1558768

Client Sample ID: SS 06

Lab Sample ID: 890-9053-6

Date Collected: 11/07/25 12:12

Matrix: Solid

Date Received: 11/07/25 16:59

Sample Depth: SURFACE

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		11/14/25 09:26	11/14/25 15:00	1
Toluene	<0.00201	U	0.00201	mg/Kg		11/14/25 09:26	11/14/25 15:00	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		11/14/25 09:26	11/14/25 15:00	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		11/14/25 09:26	11/14/25 15:00	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		11/14/25 09:26	11/14/25 15:00	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		11/14/25 09:26	11/14/25 15:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	11/14/25 09:26	11/14/25 15:00	1
1,4-Difluorobenzene (Surr)	99		70 - 130	11/14/25 09:26	11/14/25 15:00	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			11/14/25 15:00	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			11/14/25 11:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		11/11/25 10:38	11/14/25 11:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		11/11/25 10:38	11/14/25 11:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		11/11/25 10:38	11/14/25 11:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	11/11/25 10:38	11/14/25 11:20	1
o-Terphenyl	87		70 - 130	11/11/25 10:38	11/14/25 11:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90	mg/Kg			11/13/25 02:43	1

Surrogate Summary

Client: Ensolum
Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9053-1
SDG: 03C1558768

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)
890-9053-1	SS 01	96	103
890-9053-2	SS 02	100	104
890-9053-3	SS 03	103	102
890-9053-4	SS 04	103	99
890-9053-5	SS 05	100	101
890-9053-6	SS 06	107	99
890-9054-A-1-D MS	Matrix Spike	110	109
890-9054-A-1-E MSD	Matrix Spike Duplicate	98	121
LCS 880-124032/1-A	Lab Control Sample	101	112
LCSD 880-124032/2-A	Lab Control Sample Dup	102	114
MB 880-124032/5-A	Method Blank	106	94

Surrogate Legend

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

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-9052-A-16-C MS	Matrix Spike	74	92
890-9052-A-16-D MSD	Matrix Spike Duplicate	73	93
890-9053-1	SS 01	76	95
890-9053-2	SS 02	75	91
890-9053-3	SS 03	73	87
890-9053-4	SS 04	80	91
890-9053-5	SS 05	75	91
890-9053-6	SS 06	76	87
LCS 880-123663/2-A	Lab Control Sample	82	101
LCSD 880-123663/3-A	Lab Control Sample Dup	81	100
MB 880-123663/1-A	Method Blank	96	115

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9053-1
 SDG: 03C1558768

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-124032/5-A
 Matrix: Solid
 Analysis Batch: 124020

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 124032

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		11/14/25 09:26	11/14/25 11:34	1
Toluene	<0.00200	U	0.00200	mg/Kg		11/14/25 09:26	11/14/25 11:34	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		11/14/25 09:26	11/14/25 11:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		11/14/25 09:26	11/14/25 11:34	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		11/14/25 09:26	11/14/25 11:34	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		11/14/25 09:26	11/14/25 11:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	11/14/25 09:26	11/14/25 11:34	1
1,4-Difluorobenzene (Surr)	94		70 - 130	11/14/25 09:26	11/14/25 11:34	1

Lab Sample ID: LCS 880-124032/1-A
 Matrix: Solid
 Analysis Batch: 124020

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 124032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1026		mg/Kg		103	70 - 130
Toluene	0.100	0.08447		mg/Kg		84	70 - 130
Ethylbenzene	0.100	0.09191		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	0.200	0.1935		mg/Kg		97	70 - 130
o-Xylene	0.100	0.1003		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: LCSD 880-124032/2-A
 Matrix: Solid
 Analysis Batch: 124020

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 124032

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1047		mg/Kg		105	70 - 130	2	35
Toluene	0.100	0.08753		mg/Kg		88	70 - 130	4	35
Ethylbenzene	0.100	0.09676		mg/Kg		97	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2043		mg/Kg		102	70 - 130	5	35
o-Xylene	0.100	0.1056		mg/Kg		106	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: 890-9054-A-1-D MS
 Matrix: Solid
 Analysis Batch: 124020

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 124032

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09914		mg/Kg		99	70 - 130
Toluene	<0.00200	U	0.100	0.08444		mg/Kg		84	70 - 130

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QC Sample Results

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9053-1
 SDG: 03C1558768

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

Lab Sample ID: 890-9054-A-1-D MS
 Matrix: Solid
 Analysis Batch: 124020

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 124032

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.09352		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1971		mg/Kg		99	70 - 130
o-Xylene	<0.00200	U	0.100	0.09938		mg/Kg		99	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 890-9054-A-1-E MSD
 Matrix: Solid
 Analysis Batch: 124020

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 124032

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1062		mg/Kg		106	70 - 130	7	35
Toluene	<0.00200	U	0.100	0.08674		mg/Kg		87	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.09450		mg/Kg		95	70 - 130	1	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2029		mg/Kg		101	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.1024		mg/Kg		102	70 - 130	3	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	121		70 - 130

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

Lab Sample ID: MB 880-123663/1-A
 Matrix: Solid
 Analysis Batch: 124027

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 123663

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		11/11/25 10:38	11/14/25 06:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		11/11/25 10:38	11/14/25 06:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		11/11/25 10:38	11/14/25 06:09	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	11/11/25 10:38	11/14/25 06:09	1
o-Terphenyl	115		70 - 130	11/11/25 10:38	11/14/25 06:09	1

Lab Sample ID: LCS 880-123663/2-A
 Matrix: Solid
 Analysis Batch: 124027

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 123663

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	881.7		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	1000	808.5		mg/Kg		81	70 - 130

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QC Sample Results

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9053-1
 SDG: 03C1558768

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

Lab Sample ID: LCS 880-123663/2-A
Matrix: Solid
Analysis Batch: 124027

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 123663

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	82		70 - 130
o-Terphenyl	101		70 - 130

Lab Sample ID: LCSD 880-123663/3-A
Matrix: Solid
Analysis Batch: 124027

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 123663

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	868.9		mg/Kg		87	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)	1000	821.1		mg/Kg		82	70 - 130	2	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	81		70 - 130
o-Terphenyl	100		70 - 130

Lab Sample ID: 890-9052-A-16-C MS
Matrix: Solid
Analysis Batch: 124027

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 123663

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	806.4		mg/Kg		81	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	998	767.8		mg/Kg		77	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	74		70 - 130
o-Terphenyl	92		70 - 130

Lab Sample ID: 890-9052-A-16-D MSD
Matrix: Solid
Analysis Batch: 124027

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 123663

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	808.0		mg/Kg		81	70 - 130	0	20	
Diesel Range Organics (Over C10-C28)	<50.0	U	998	772.6		mg/Kg		77	70 - 130	1	20	

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	73		70 - 130
o-Terphenyl	93		70 - 130

QC Sample Results

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9053-1
 SDG: 03C1558768

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-123611/1-A
 Matrix: Solid
 Analysis Batch: 123814

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			11/13/25 01:15	1

Lab Sample ID: LCS 880-123611/2-A
 Matrix: Solid
 Analysis Batch: 123814

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	239.9		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-123611/3-A
 Matrix: Solid
 Analysis Batch: 123814

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	241.0		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 890-9052-A-14-B MS
 Matrix: Solid
 Analysis Batch: 123814

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	1200		248	1443	4	mg/Kg		98	90 - 110

Lab Sample ID: 890-9052-A-14-C MSD
 Matrix: Solid
 Analysis Batch: 123814

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	1200		248	1452	4	mg/Kg		102	90 - 110	1	20

QC Association Summary

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9053-1
 SDG: 03C1558768

GC VOA

Analysis Batch: 124020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9053-1	SS 01	Total/NA	Solid	8021B	124032
890-9053-2	SS 02	Total/NA	Solid	8021B	124032
890-9053-3	SS 03	Total/NA	Solid	8021B	124032
890-9053-4	SS 04	Total/NA	Solid	8021B	124032
890-9053-5	SS 05	Total/NA	Solid	8021B	124032
890-9053-6	SS 06	Total/NA	Solid	8021B	124032
MB 880-124032/5-A	Method Blank	Total/NA	Solid	8021B	124032
LCS 880-124032/1-A	Lab Control Sample	Total/NA	Solid	8021B	124032
LCSD 880-124032/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	124032
890-9054-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	124032
890-9054-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	124032

Prep Batch: 124032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9053-1	SS 01	Total/NA	Solid	5035	
890-9053-2	SS 02	Total/NA	Solid	5035	
890-9053-3	SS 03	Total/NA	Solid	5035	
890-9053-4	SS 04	Total/NA	Solid	5035	
890-9053-5	SS 05	Total/NA	Solid	5035	
890-9053-6	SS 06	Total/NA	Solid	5035	
MB 880-124032/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-124032/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-124032/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9054-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
890-9054-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 124092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9053-1	SS 01	Total/NA	Solid	Total BTEX	
890-9053-2	SS 02	Total/NA	Solid	Total BTEX	
890-9053-3	SS 03	Total/NA	Solid	Total BTEX	
890-9053-4	SS 04	Total/NA	Solid	Total BTEX	
890-9053-5	SS 05	Total/NA	Solid	Total BTEX	
890-9053-6	SS 06	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 123663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9053-1	SS 01	Total/NA	Solid	8015NM Prep	
890-9053-2	SS 02	Total/NA	Solid	8015NM Prep	
890-9053-3	SS 03	Total/NA	Solid	8015NM Prep	
890-9053-4	SS 04	Total/NA	Solid	8015NM Prep	
890-9053-5	SS 05	Total/NA	Solid	8015NM Prep	
890-9053-6	SS 06	Total/NA	Solid	8015NM Prep	
MB 880-123663/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-123663/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-123663/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9052-A-16-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9052-A-16-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Ensolum
Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9053-1
SDG: 03C1558768

GC Semi VOA

Analysis Batch: 124027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9053-1	SS 01	Total/NA	Solid	8015B NM	123663
890-9053-2	SS 02	Total/NA	Solid	8015B NM	123663
890-9053-3	SS 03	Total/NA	Solid	8015B NM	123663
890-9053-4	SS 04	Total/NA	Solid	8015B NM	123663
890-9053-5	SS 05	Total/NA	Solid	8015B NM	123663
890-9053-6	SS 06	Total/NA	Solid	8015B NM	123663
MB 880-123663/1-A	Method Blank	Total/NA	Solid	8015B NM	123663
LCS 880-123663/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	123663
LCSD 880-123663/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	123663
890-9052-A-16-C MS	Matrix Spike	Total/NA	Solid	8015B NM	123663
890-9052-A-16-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	123663

Analysis Batch: 124161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9053-1	SS 01	Total/NA	Solid	8015 NM	
890-9053-2	SS 02	Total/NA	Solid	8015 NM	
890-9053-3	SS 03	Total/NA	Solid	8015 NM	
890-9053-4	SS 04	Total/NA	Solid	8015 NM	
890-9053-5	SS 05	Total/NA	Solid	8015 NM	
890-9053-6	SS 06	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 123611

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9053-1	SS 01	Soluble	Solid	DI Leach	
890-9053-2	SS 02	Soluble	Solid	DI Leach	
890-9053-3	SS 03	Soluble	Solid	DI Leach	
890-9053-4	SS 04	Soluble	Solid	DI Leach	
890-9053-5	SS 05	Soluble	Solid	DI Leach	
890-9053-6	SS 06	Soluble	Solid	DI Leach	
MB 880-123611/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-123611/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-123611/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9052-A-14-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9052-A-14-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 123814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9053-1	SS 01	Soluble	Solid	300.0	123611
890-9053-2	SS 02	Soluble	Solid	300.0	123611
890-9053-3	SS 03	Soluble	Solid	300.0	123611
890-9053-4	SS 04	Soluble	Solid	300.0	123611
890-9053-5	SS 05	Soluble	Solid	300.0	123611
890-9053-6	SS 06	Soluble	Solid	300.0	123611
MB 880-123611/1-A	Method Blank	Soluble	Solid	300.0	123611
LCS 880-123611/2-A	Lab Control Sample	Soluble	Solid	300.0	123611
LCSD 880-123611/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	123611
890-9052-A-14-B MS	Matrix Spike	Soluble	Solid	300.0	123611
890-9052-A-14-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	123611

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Lab Chronicle

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9053-1
 SDG: 03C1558768

Client Sample ID: SS 01

Lab Sample ID: 890-9053-1

Date Collected: 11/07/25 10:56

Matrix: Solid

Date Received: 11/07/25 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	124032	11/14/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124020	11/14/25 13:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124092	11/14/25 13:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			124161	11/14/25 10:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	123663	11/11/25 10:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124027	11/14/25 10:03	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	123611	11/10/25 16:26	SA	EET MID
Soluble	Analysis	300.0		1			123814	11/13/25 02:02	CS	EET MID

Client Sample ID: SS 02

Lab Sample ID: 890-9053-2

Date Collected: 11/07/25 10:57

Matrix: Solid

Date Received: 11/07/25 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	124032	11/14/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124020	11/14/25 13:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124092	11/14/25 13:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			124161	11/14/25 10:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	123663	11/11/25 10:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124027	11/14/25 10:18	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	123611	11/10/25 16:26	SA	EET MID
Soluble	Analysis	300.0		1			123814	11/13/25 02:07	CS	EET MID

Client Sample ID: SS 03

Lab Sample ID: 890-9053-3

Date Collected: 11/07/25 11:28

Matrix: Solid

Date Received: 11/07/25 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	124032	11/14/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124020	11/14/25 13:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124092	11/14/25 13:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			124161	11/14/25 10:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	123663	11/11/25 10:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124027	11/14/25 10:34	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	123611	11/10/25 16:26	SA	EET MID
Soluble	Analysis	300.0		1			123814	11/13/25 02:25	CS	EET MID

Client Sample ID: SS 04

Lab Sample ID: 890-9053-4

Date Collected: 11/07/25 11:13

Matrix: Solid

Date Received: 11/07/25 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	124032	11/14/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124020	11/14/25 14:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124092	11/14/25 14:19	SA	EET MID

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Lab Chronicle

Client: Ensolum
 Project/Site: 1ST SPINE BOOSTER STATION

Job ID: 890-9053-1
 SDG: 03C1558768

Client Sample ID: SS 04

Lab Sample ID: 890-9053-4

Date Collected: 11/07/25 11:13

Matrix: Solid

Date Received: 11/07/25 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			124161	11/14/25 10:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	123663	11/11/25 10:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124027	11/14/25 10:49	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	123611	11/10/25 16:26	SA	EET MID
Soluble	Analysis	300.0		1			123814	11/13/25 02:31	CS	EET MID

Client Sample ID: SS 05

Lab Sample ID: 890-9053-5

Date Collected: 11/07/25 11:29

Matrix: Solid

Date Received: 11/07/25 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	124032	11/14/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124020	11/14/25 14:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124092	11/14/25 14:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			124161	11/14/25 11:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	123663	11/11/25 10:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124027	11/14/25 11:05	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	123611	11/10/25 16:26	SA	EET MID
Soluble	Analysis	300.0		1			123814	11/13/25 02:37	CS	EET MID

Client Sample ID: SS 06

Lab Sample ID: 890-9053-6

Date Collected: 11/07/25 12:12

Matrix: Solid

Date Received: 11/07/25 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	124032	11/14/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124020	11/14/25 15:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124092	11/14/25 15:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			124161	11/14/25 11:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	123663	11/11/25 10:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124027	11/14/25 11:20	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	123611	11/10/25 16:26	SA	EET MID
Soluble	Analysis	300.0		1			123814	11/13/25 02:43	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: 1ST SPINE BOOSTER STATION

Job ID: 890-9053-1
SDG: 03C1558768

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: 1ST SPINE BOOSTER STATION

Job ID: 890-9053-1
SDG: 03C1558768

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: 1ST SPINE BOOSTER STATION

Job ID: 890-9053-1
SDG: 03C1558768

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9053-1	SS 01	Solid	11/07/25 10:56	11/07/25 16:59	SURFACE
890-9053-2	SS 02	Solid	11/07/25 10:57	11/07/25 16:59	SURFACE
890-9053-3	SS 03	Solid	11/07/25 11:28	11/07/25 16:59	SURFACE
890-9053-4	SS 04	Solid	11/07/25 11:13	11/07/25 16:59	SURFACE
890-9053-5	SS 05	Solid	11/07/25 11:29	11/07/25 16:59	SURFACE
890-9053-6	SS 06	Solid	11/07/25 12:12	11/07/25 16:59	SURFACE

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Chain of Custody

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

Environment Testing
Xenco



Work Order No:

www.xenco.com Page 1 of 1

Project Manager: Tracy Hillard
 Company Name: ENSOLUM
 Address: 5122 National Parks Hwy
 City, State ZIP: Carlsbad, NM, 88220
 Phone: (575) 937-3906
 Bill to: (if different)
 Company Name: NTO Energy, Inc.
 Address: 3104 E Greene St.
 City, State ZIP: Carlsbad, NM 88220
 Email: THillard@ensolum.com, Tberg@ensolum.com
 Program: UST/PST PRP Brownfields RRC Superfund
 State of Project: Reporting: Level II Level III Level IV
 Deliverables: EDD ADaPT Other:

Project Name:	Project Number:	Project Location:	Sampler's Name:	P.O. #:	Turn Around				Pres. Code	ANALYSIS REQUEST	Preservative Codes
					Temp Blank:	Year	Wet Ice:	Thermometer ID:			
1st Spine Booster Station	03C 1558 768	32.165741 ~ 1038816	Trevor Vargo		Yes	No	Yes	No		None: NO	DI Water: H ₂ O
					Yes	No	Yes	No		Cool: Cool	MeOH: Me
					Yes	No	Yes	No		HCL: HC	HNO ₃ : HN
					Yes	No	Yes	No		H ₂ SO ₄ : H ₂	NaOH: Na
					Yes	No	Yes	No		H ₃ PO ₄ : HP	
					Yes	No	Yes	No		NaHSO ₄ : NABIS	
					Yes	No	Yes	No		Na ₂ S ₂ O ₃ : NaSO ₃	
					Yes	No	Yes	No		Zn Acetate+NaOH: Zn	
					Yes	No	Yes	No		NaOH+Ascorbic Acid: SACP	



890-9053 Chain of Custody

TPH 8015
 BTEX 8021
 Chloride 4500

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments
S501	Soil	11/07/25	10:56	Surface	G	1	
S502			10:57				
S503			11:28				
S504			11:13				
S505			11:29				
S506			12:02				

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 \$85.00 will be applied to 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
Trevor Vargo	Tracy Hillard	11/17/25			

incident #: 19APP2529655909
 CC: Jo 81711001
 GFCM: 48608000

T.Morrissey@ensolum.com

Revised Date: 06/25/2020 Rev. 2002



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Eurofins Carltsbad
 1089 N Canal St
 Carltsbad, NM 88220
 Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A
Client Contact: Shipping/Receiving	Lab PM: Jessica Kramer, Jessica
Company: Eurofins Environment Testing South Cent	E-Mail: Jessica.Kramer@et.eurofins.com
Address: 1211 W. Florida Ave.	Accreditations Required (See note): NELAP - Texas
City: Midland	Carrier Tracking No(s): N/A
State/Zip: TX, 79701	State of Origin: New Mexico
Phone: 432-704-5440(Tel)	Page: 890-6091-1
Email: N/A	Page 1 of 1
Project Name: 1ST SPINE BOOSTER STATION	Job #: 890-9053-1
Site: N/A	Preservation Codes:
SSOV#: N/A	

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (G=Comp, G=grab)	Matrix (W=Water, S=Soil, O=Organic, A=Asphalt)	Analysis Requested		Total Number of containers	Special Instructions/Note:
					Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)		
SS 01 (890-9053-1)	11/7/25	10:56	G	Solid	X	X	1	
SS 02 (890-9053-2)	11/7/25	10:57	G	Solid	X	X	1	
SS 03 (890-9053-3)	11/7/25	11:28	G	Solid	X	X	1	
SS 04 (890-9053-4)	11/7/25	11:13	G	Solid	X	X	1	
SS 05 (890-9053-5)	11/7/25	11:29	G	Solid	X	X	1	
SS 06 (890-9053-6)	11/7/25	12:12	G	Solid	X	X	1	

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

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

Empty Kit Relinquished by: _____	Date: _____	Time: _____	Method of Shipment: _____
Relinquished by: <i>Burns</i>	Date/Time: 11/10 1630	Company: _____	Received by: _____
Relinquished by: _____	Date/Time: _____	Company: _____	Received by: <i>TKL</i>
Relinquished by: _____	Date/Time: _____	Company: _____	Received by: _____
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.: _____	Cooler Temperature(s) °C and Other Remarks: <i>3.2/3.1</i>	Date/Time: 11/17/25 0800
			Date/Time: 11/17/25 0800
			Date/Time: _____

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9053-1

SDG Number: 03C1558768

Login Number: 9053

List Source: Eurofins Carlsbad

List Number: 1

Creator: Bruns, Shannon

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: 890-9053-1

SDG Number: 03C1558768

Login Number: 9053

List Source: Eurofins Midland

List Number: 2

List Creation: 11/11/25 08:21 AM

Creator: Lee, Randall

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: Tracy Hillard
 Ensolum
 601 N. Marienfeld St.
 Suite 400
 Midland, Texas 79701
 Generated 1/21/2026 1:13:36 PM

JOB DESCRIPTION

DOG TOWN DRAW PW BOOSTER
 03C1558768

JOB NUMBER

890-9371-1

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
1/21/2026 1:13:36 PM

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

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Client: Ensolum
Project/Site: DOG TOWN DRAW PW BOOSTER

Laboratory Job ID: 890-9371-1
SDG: 03C1558768

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Definitions/Glossary

Client: Ensolum
 Project/Site: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
 SDG: 03C1558768

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
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: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1

Job ID: 890-9371-1

Eurofins Carlsbad

Job Narrative 890-9371-1

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 1/16/2026 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SW 01 (890-9371-1), FS 01 (890-9371-2), FS 07 (890-9371-3), SW 02 (890-9371-4), FS 02 (890-9371-5), FS 03 (890-9371-6), FS 04 (890-9371-7), FS 05 (890-9371-8), FS 06 (890-9371-9), SW 03 (890-9371-10) and FS 08 (890-9371-11).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-129237 and analytical batch 880-129231 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.

Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (880-67078-A-26-E 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: (MB 880-129168/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-129371 recovered outside the control limit for Gasoline Range Organics (GRO)-C6-C10. An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-129371/166).

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: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
 SDG: 03C1558768

Client Sample ID: SW 01

Lab Sample ID: 890-9371-1

Date Collected: 01/15/26 15:15

Matrix: Solid

Date Received: 01/16/26 09:00

Sample Depth: 0-3

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		01/19/26 08:59	01/19/26 13:58	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/19/26 08:59	01/19/26 13:58	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/19/26 08:59	01/19/26 13:58	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/19/26 08:59	01/19/26 13:58	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/19/26 08:59	01/19/26 13:58	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/19/26 08:59	01/19/26 13:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	01/19/26 08:59	01/19/26 13:58	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/19/26 08:59	01/19/26 13:58	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			01/19/26 13:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/19/26 23:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/16/26 11:35	01/19/26 23:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/16/26 11:35	01/19/26 23:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/16/26 11:35	01/19/26 23:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	01/16/26 11:35	01/19/26 23:35	1
o-Terphenyl	98		70 - 130	01/16/26 11:35	01/19/26 23:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.1		9.96	mg/Kg			01/19/26 17:18	1

Client Sample ID: FS 01

Lab Sample ID: 890-9371-2

Date Collected: 01/15/26 15:20

Matrix: Solid

Date Received: 01/16/26 09:00

Sample Depth: 3

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		01/19/26 08:59	01/19/26 14:18	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/19/26 08:59	01/19/26 14:18	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/19/26 08:59	01/19/26 14:18	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		01/19/26 08:59	01/19/26 14:18	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/19/26 08:59	01/19/26 14:18	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		01/19/26 08:59	01/19/26 14:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	01/19/26 08:59	01/19/26 14:18	1

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
 Project/Site: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
 SDG: 03C1558768

Client Sample ID: FS 01

Lab Sample ID: 890-9371-2

Date Collected: 01/15/26 15:20

Matrix: Solid

Date Received: 01/16/26 09:00

Sample Depth: 3

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	92		70 - 130	01/19/26 08:59	01/19/26 14:18	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			01/19/26 14:18	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			01/19/26 23:50	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/16/26 11:35	01/19/26 23:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/16/26 11:35	01/19/26 23:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/16/26 11:35	01/19/26 23:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	01/16/26 11:35	01/19/26 23:50	1
o-Terphenyl	104		70 - 130	01/16/26 11:35	01/19/26 23:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.0		9.94	mg/Kg			01/19/26 17:23	1

Client Sample ID: FS 07

Lab Sample ID: 890-9371-3

Date Collected: 01/15/26 15:28

Matrix: Solid

Date Received: 01/16/26 09:00

Sample Depth: 1

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		01/19/26 08:59	01/19/26 14:39	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/19/26 08:59	01/19/26 14:39	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/19/26 08:59	01/19/26 14:39	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		01/19/26 08:59	01/19/26 14:39	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/19/26 08:59	01/19/26 14:39	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		01/19/26 08:59	01/19/26 14:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	01/19/26 08:59	01/19/26 14:39	1
1,4-Difluorobenzene (Surr)	89		70 - 130	01/19/26 08:59	01/19/26 14:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			01/19/26 14:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			01/20/26 00:06	1

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Client Sample Results

Client: Ensolum
 Project/Site: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
 SDG: 03C1558768

Client Sample ID: FS 07

Lab Sample ID: 890-9371-3

Date Collected: 01/15/26 15:28

Matrix: Solid

Date Received: 01/16/26 09:00

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	<49.8	U	49.8	mg/Kg		01/16/26 11:35	01/20/26 00:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		01/16/26 11:35	01/20/26 00:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		01/16/26 11:35	01/20/26 00:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	01/16/26 11:35	01/20/26 00:06	1
o-Terphenyl	104		70 - 130	01/16/26 11:35	01/20/26 00:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62.4		10.0	mg/Kg			01/19/26 17:28	1

Client Sample ID: SW 02

Lab Sample ID: 890-9371-4

Date Collected: 01/15/26 15:33

Matrix: Solid

Date Received: 01/16/26 09:00

Sample Depth: 0-3

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		01/19/26 08:59	01/19/26 17:49	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/19/26 08:59	01/19/26 17:49	1
Ethylbenzene	0.00264		0.00199	mg/Kg		01/19/26 08:59	01/19/26 17:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/19/26 08:59	01/19/26 17:49	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/19/26 08:59	01/19/26 17:49	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/19/26 08:59	01/19/26 17:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130	01/19/26 08:59	01/19/26 17:49	1
1,4-Difluorobenzene (Surr)	76		70 - 130	01/19/26 08:59	01/19/26 17:49	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			01/19/26 17:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			01/20/26 00:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		01/16/26 11:35	01/20/26 00:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		01/16/26 11:35	01/20/26 00:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		01/16/26 11:35	01/20/26 00:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	01/16/26 11:35	01/20/26 00:20	1
o-Terphenyl	96		70 - 130	01/16/26 11:35	01/20/26 00:20	1

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Client Sample Results

Client: Ensolum
 Project/Site: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
 SDG: 03C1558768

Client Sample ID: SW 02

Lab Sample ID: 890-9371-4

Date Collected: 01/15/26 15:33

Matrix: Solid

Date Received: 01/16/26 09:00

Sample Depth: 0-3

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.0		10.0	mg/Kg			01/19/26 17:33	1

Client Sample ID: FS 02

Lab Sample ID: 890-9371-5

Date Collected: 01/15/26 16:15

Matrix: Solid

Date Received: 01/16/26 09:00

Sample Depth: 2

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		01/19/26 08:59	01/19/26 18:09	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/19/26 08:59	01/19/26 18:09	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/19/26 08:59	01/19/26 18:09	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		01/19/26 08:59	01/19/26 18:09	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/19/26 08:59	01/19/26 18:09	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/19/26 08:59	01/19/26 18:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130			01/19/26 08:59	01/19/26 18:09	1
1,4-Difluorobenzene (Surr)	98		70 - 130			01/19/26 08:59	01/19/26 18:09	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			01/19/26 18:09	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			01/20/26 00:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/16/26 11:35	01/20/26 00:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/16/26 11:35	01/20/26 00:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/16/26 11:35	01/20/26 00:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130			01/16/26 11:35	01/20/26 00:35	1
o-Terphenyl	98		70 - 130			01/16/26 11:35	01/20/26 00:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.0		10.0	mg/Kg			01/19/26 17:38	1

Client Sample Results

Client: Ensolum
 Project/Site: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
 SDG: 03C1558768

Client Sample ID: FS 03

Lab Sample ID: 890-9371-6

Date Collected: 01/15/26 16:20

Matrix: Solid

Date Received: 01/16/26 09:00

Sample Depth: 1

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		01/19/26 08:59	01/19/26 18:30	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/19/26 08:59	01/19/26 18:30	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/19/26 08:59	01/19/26 18:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		01/19/26 08:59	01/19/26 18:30	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/19/26 08:59	01/19/26 18:30	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/19/26 08:59	01/19/26 18:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	01/19/26 08:59	01/19/26 18:30	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/19/26 08:59	01/19/26 18:30	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			01/19/26 18:30	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			01/20/26 00:50	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1	mg/Kg		01/16/26 11:35	01/20/26 00:50	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		01/16/26 11:35	01/20/26 00:50	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		01/16/26 11:35	01/20/26 00:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	01/16/26 11:35	01/20/26 00:50	1
o-Terphenyl	95		70 - 130	01/16/26 11:35	01/20/26 00:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.6		10.1	mg/Kg			01/19/26 17:43	1

Client Sample ID: FS 04

Lab Sample ID: 890-9371-7

Date Collected: 01/15/26 16:25

Matrix: Solid

Date Received: 01/16/26 09:00

Sample Depth: 1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00207		0.00201	mg/Kg		01/19/26 08:59	01/19/26 18:51	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/19/26 08:59	01/19/26 18:51	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/19/26 08:59	01/19/26 18:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/19/26 08:59	01/19/26 18:51	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/19/26 08:59	01/19/26 18:51	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/19/26 08:59	01/19/26 18:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	01/19/26 08:59	01/19/26 18:51	1

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Client Sample Results

Client: Ensolum
 Project/Site: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
 SDG: 03C1558768

Client Sample ID: FS 04

Lab Sample ID: 890-9371-7

Date Collected: 01/15/26 16:25

Matrix: Solid

Date Received: 01/16/26 09:00

Sample Depth: 1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	94		70 - 130	01/19/26 08:59	01/19/26 18:51	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			01/19/26 18:51	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4	mg/Kg			01/20/26 22:50	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4	mg/Kg		01/18/26 16:43	01/20/26 22:50	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4	mg/Kg		01/18/26 16:43	01/20/26 22:50	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4	mg/Kg		01/18/26 16:43	01/20/26 22:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	01/18/26 16:43	01/20/26 22:50	1
o-Terphenyl	100		70 - 130	01/18/26 16:43	01/20/26 22:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.5		9.92	mg/Kg			01/19/26 17:58	1

Client Sample ID: FS 05

Lab Sample ID: 890-9371-8

Date Collected: 01/15/26 16:28

Matrix: Solid

Date Received: 01/16/26 09:00

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		01/19/26 08:59	01/19/26 19:11	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/19/26 08:59	01/19/26 19:11	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/19/26 08:59	01/19/26 19:11	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		01/19/26 08:59	01/19/26 19:11	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/19/26 08:59	01/19/26 19:11	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/19/26 08:59	01/19/26 19:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	01/19/26 08:59	01/19/26 19:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	01/19/26 08:59	01/19/26 19:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/19/26 19:11	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			01/20/26 23:33	1

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Client Sample Results

Client: Ensolum
 Project/Site: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
 SDG: 03C1558768

Client Sample ID: FS 05

Lab Sample ID: 890-9371-8

Date Collected: 01/15/26 16:28

Matrix: Solid

Date Received: 01/16/26 09:00

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	<49.9	U	49.9	mg/Kg		01/18/26 16:43	01/20/26 23:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/26 16:43	01/20/26 23:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/26 16:43	01/20/26 23:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130			01/18/26 16:43	01/20/26 23:33	1
o-Terphenyl	97		70 - 130			01/18/26 16:43	01/20/26 23:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94	mg/Kg			01/19/26 18:03	1

Client Sample ID: FS 06

Lab Sample ID: 890-9371-9

Date Collected: 01/15/26 16:31

Matrix: Solid

Date Received: 01/16/26 09:00

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		01/19/26 08:59	01/19/26 19:32	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/19/26 08:59	01/19/26 19:32	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/19/26 08:59	01/19/26 19:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/19/26 08:59	01/19/26 19:32	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/19/26 08:59	01/19/26 19:32	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/19/26 08:59	01/19/26 19:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130			01/19/26 08:59	01/19/26 19:32	1
1,4-Difluorobenzene (Surr)	95		70 - 130			01/19/26 08:59	01/19/26 19:32	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			01/19/26 19:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/26 23:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/26 16:43	01/20/26 23:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/26 16:43	01/20/26 23:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/26 16:43	01/20/26 23:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130			01/18/26 16:43	01/20/26 23:47	1
o-Terphenyl	101		70 - 130			01/18/26 16:43	01/20/26 23:47	1

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Client Sample Results

Client: Ensolum
 Project/Site: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
 SDG: 03C1558768

Client Sample ID: FS 06

Lab Sample ID: 890-9371-9

Date Collected: 01/15/26 16:31

Matrix: Solid

Date Received: 01/16/26 09:00

Sample Depth: 1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.9		9.92	mg/Kg			01/19/26 18:18	1

Client Sample ID: SW 03

Lab Sample ID: 890-9371-10

Date Collected: 01/15/26 16:40

Matrix: Solid

Date Received: 01/16/26 09:00

Sample Depth: 0-1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00287		0.00200	mg/Kg		01/19/26 08:59	01/19/26 19:52	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/19/26 08:59	01/19/26 19:52	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/19/26 08:59	01/19/26 19:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/19/26 08:59	01/19/26 19:52	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/19/26 08:59	01/19/26 19:52	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/19/26 08:59	01/19/26 19:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130			01/19/26 08:59	01/19/26 19:52	1
1,4-Difluorobenzene (Surr)	82		70 - 130			01/19/26 08:59	01/19/26 19:52	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			01/19/26 19:52	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			01/21/26 00:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/26 16:43	01/21/26 00:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/26 16:43	01/21/26 00:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/26 16:43	01/21/26 00:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130			01/18/26 16:43	01/21/26 00:02	1
o-Terphenyl	98		70 - 130			01/18/26 16:43	01/21/26 00:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118		10.0	mg/Kg			01/19/26 18:23	1

Client Sample Results

Client: Ensolum
 Project/Site: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
 SDG: 03C1558768

Client Sample ID: FS 08

Lab Sample ID: 890-9371-11

Date Collected: 01/15/26 16:35

Matrix: Solid

Date Received: 01/16/26 09:00

Sample Depth: 3

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		01/19/26 08:59	01/19/26 20:13	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/19/26 08:59	01/19/26 20:13	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/19/26 08:59	01/19/26 20:13	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		01/19/26 08:59	01/19/26 20:13	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/19/26 08:59	01/19/26 20:13	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/19/26 08:59	01/19/26 20:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	01/19/26 08:59	01/19/26 20:13	1
1,4-Difluorobenzene (Surr)	95		70 - 130	01/19/26 08:59	01/19/26 20:13	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			01/19/26 20:13	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			01/21/26 00:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/26 16:43	01/21/26 00:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/26 16:43	01/21/26 00:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/26 16:43	01/21/26 00:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	01/18/26 16:43	01/21/26 00:16	1
o-Terphenyl	96		70 - 130	01/18/26 16:43	01/21/26 00:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	89.6		9.94	mg/Kg			01/19/26 18:27	1

Surrogate Summary

Client: Ensolum
Project/Site: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
SDG: 03C1558768

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)
880-67096-A-1-B MS	Matrix Spike	94	97
880-67096-A-1-C MSD	Matrix Spike Duplicate	99	87
890-9371-1	SW 01	101	94
890-9371-2	FS 01	100	92
890-9371-3	FS 07	96	89
890-9371-4	SW 02	74	76
890-9371-5	FS 02	105	98
890-9371-6	FS 03	99	94
890-9371-7	FS 04	103	94
890-9371-8	FS 05	103	93
890-9371-9	FS 06	97	95
890-9371-10	SW 03	97	82
890-9371-11	FS 08	100	95
LCS 880-129237/1-A	Lab Control Sample	97	104
LCSD 880-129237/2-A	Lab Control Sample Dup	92	100
MB 880-129237/5-A	Method Blank	100	88

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)
880-67078-A-26-D MS	Matrix Spike	108	104
880-67078-A-26-E MSD	Matrix Spike Duplicate	137 S1+	105
890-9371-1	SW 01	103	98
890-9371-2	FS 01	113	104
890-9371-3	FS 07	112	104
890-9371-4	SW 02	100	96
890-9371-5	FS 02	104	98
890-9371-6	FS 03	104	95
890-9371-7	FS 04	92	100
890-9371-7 MS	FS 04	103	102
890-9371-7 MSD	FS 04	104	104
890-9371-8	FS 05	89	97
890-9371-9	FS 06	93	101
890-9371-10	SW 03	91	98
890-9371-11	FS 08	90	96
LCS 880-129168/2-A	Lab Control Sample	105	95
LCS 880-129217/2-A	Lab Control Sample	115	110
LCSD 880-129168/3-A	Lab Control Sample Dup	107	98
LCSD 880-129217/3-A	Lab Control Sample Dup	125	117
MB 880-129168/1-A	Method Blank	153 S1+	125
MB 880-129217/1-A	Method Blank	83	87

Surrogate Legend
1CO = 1-Chlorooctane

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Surrogate Summary

Client: Ensolum
Project/Site: DOG TOWN DRAW PW BOOSTER
OTPH = o-Terphenyl

Job ID: 890-9371-1
SDG: 03C1558768

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QC Sample Results

Client: Ensolum
 Project/Site: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
 SDG: 03C1558768

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-129237/5-A
 Matrix: Solid
 Analysis Batch: 129231

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 129237

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/19/26 08:59	01/19/26 11:33	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/19/26 08:59	01/19/26 11:33	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/19/26 08:59	01/19/26 11:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/19/26 08:59	01/19/26 11:33	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/19/26 08:59	01/19/26 11:33	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/19/26 08:59	01/19/26 11:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	01/19/26 08:59	01/19/26 11:33	1
1,4-Difluorobenzene (Surr)	88		70 - 130	01/19/26 08:59	01/19/26 11:33	1

Lab Sample ID: LCS 880-129237/1-A
 Matrix: Solid
 Analysis Batch: 129231

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 129237

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08863		mg/Kg		89	70 - 130
Toluene	0.100	0.08610		mg/Kg		86	70 - 130
Ethylbenzene	0.100	0.08187		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	0.200	0.1772		mg/Kg		89	70 - 130
o-Xylene	0.100	0.08800		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-129237/2-A
 Matrix: Solid
 Analysis Batch: 129231

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 129237

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08213		mg/Kg		82	70 - 130	8	35
Toluene	0.100	0.08033		mg/Kg		80	70 - 130	7	35
Ethylbenzene	0.100	0.08314		mg/Kg		83	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1752		mg/Kg		88	70 - 130	1	35
o-Xylene	0.100	0.08784		mg/Kg		88	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-67096-A-1-B MS
 Matrix: Solid
 Analysis Batch: 129231

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 129237

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0571	F1	0.100	0.08195	F1	mg/Kg		25	70 - 130
Toluene	0.0741	F1	0.100	0.07877	F1	mg/Kg		5	70 - 130

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QC Sample Results

Client: Ensolum
Project/Site: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
SDG: 03C1558768

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

Lab Sample ID: 880-67096-A-1-B MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 129231

Prep Batch: 129237

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier				
Ethylbenzene	0.00862	F1	0.100	0.07425	F1	mg/Kg		66	70 - 130
m-Xylene & p-Xylene	0.0122		0.200	0.1613		mg/Kg		75	70 - 130
o-Xylene	0.0305	F1	0.100	0.07877	F1	mg/Kg		48	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-67096-A-1-C MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 129231

Prep Batch: 129237

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Benzene	0.0571	F1	0.100	0.07479	F1	mg/Kg		18	70 - 130	9	35
Toluene	0.0741	F1	0.100	0.08147	F1	mg/Kg		7	70 - 130	3	35
Ethylbenzene	0.00862	F1	0.100	0.08635		mg/Kg		78	70 - 130	15	35
m-Xylene & p-Xylene	0.0122		0.200	0.1633		mg/Kg		76	70 - 130	1	35
o-Xylene	0.0305	F1	0.100	0.08207	F1	mg/Kg		52	70 - 130	4	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

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

Lab Sample ID: MB 880-129168/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 129257

Prep Batch: 129168

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/16/26 11:35	01/19/26 18:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/16/26 11:35	01/19/26 18:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/16/26 11:35	01/19/26 18:36	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	153	S1+	70 - 130	01/16/26 11:35	01/19/26 18:36	1
o-Terphenyl	125		70 - 130	01/16/26 11:35	01/19/26 18:36	1

Lab Sample ID: LCS 880-129168/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 129257

Prep Batch: 129168

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	925.9		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	1000	902.5		mg/Kg		90	70 - 130

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QC Sample Results

Client: Ensolum
 Project/Site: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
 SDG: 03C1558768

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

Lab Sample ID: LCS 880-129168/2-A
Matrix: Solid
Analysis Batch: 129257

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 129168

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	105		70 - 130
o-Terphenyl	95		70 - 130

Lab Sample ID: LCSD 880-129168/3-A
Matrix: Solid
Analysis Batch: 129257

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 129168

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	948.6		mg/Kg		95	70 - 130	2		20
Diesel Range Organics (Over C10-C28)	1000	925.6		mg/Kg		93	70 - 130	3		20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	107		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: 880-67078-A-26-D MS
Matrix: Solid
Analysis Batch: 129257

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 129168

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	915.4		mg/Kg		92	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	999	872.8		mg/Kg		87	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	108		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: 880-67078-A-26-E MSD
Matrix: Solid
Analysis Batch: 129257

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 129168

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	897.6		mg/Kg		90	70 - 130	2		20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	803.9		mg/Kg		80	70 - 130	8		20

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	137	S1+	70 - 130
o-Terphenyl	105		70 - 130

QC Sample Results

Client: Ensolium
 Project/Site: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
 SDG: 03C1558768

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

Lab Sample ID: MB 880-129217/1-A
 Matrix: Solid
 Analysis Batch: 129371

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 129217

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/26 16:43	01/20/26 22:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/26 16:43	01/20/26 22:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/26 16:43	01/20/26 22:08	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	83		70 - 130	01/18/26 16:43	01/20/26 22:08	1
o-Terphenyl	87		70 - 130	01/18/26 16:43	01/20/26 22:08	1

Lab Sample ID: LCS 880-129217/2-A
 Matrix: Solid
 Analysis Batch: 129371

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 129217

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1070		mg/Kg		107	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	115		70 - 130
o-Terphenyl	110		70 - 130

Lab Sample ID: LCSD 880-129217/3-A
 Matrix: Solid
 Analysis Batch: 129371

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 129217

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	1000	1129		mg/Kg		113	70 - 130	5	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	125		70 - 130
o-Terphenyl	117		70 - 130

Lab Sample ID: 890-9371-7 MS
 Matrix: Solid
 Analysis Batch: 129371

Client Sample ID: FS 04
 Prep Type: Total/NA
 Prep Batch: 129217

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	<50.4	U	1000	997.6		mg/Kg		100	70 - 130

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QC Sample Results

Client: Ensolum
 Project/Site: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
 SDG: 03C1558768

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

Lab Sample ID: 890-9371-7 MS
 Matrix: Solid
 Analysis Batch: 129371

Client Sample ID: FS 04
 Prep Type: Total/NA
 Prep Batch: 129217

Surrogate	%Recovery	MS MS Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	102		70 - 130

Lab Sample ID: 890-9371-7 MSD
 Matrix: Solid
 Analysis Batch: 129371

Client Sample ID: FS 04
 Prep Type: Total/NA
 Prep Batch: 129217

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	1000	934.1		mg/Kg		93	70 - 130	2		20
Diesel Range Organics (Over C10-C28)	<50.4	U	1000	1012		mg/Kg		101	70 - 130	1		20

Surrogate	%Recovery	MSD MSD Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	104		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-129297/1-A
 Matrix: Solid
 Analysis Batch: 129329

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			01/19/26 16:19	1

Lab Sample ID: LCS 880-129297/2-A
 Matrix: Solid
 Analysis Batch: 129329

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

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

Lab Sample ID: LCSD 880-129297/3-A
 Matrix: Solid
 Analysis Batch: 129329

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Chloride	250	234.9		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 890-9371-6 MS
 Matrix: Solid
 Analysis Batch: 129329

Client Sample ID: FS 03
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	34.6		253	293.3		mg/Kg		102	90 - 110

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QC Sample Results

Client: Ensolum
Project/Site: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
SDG: 03C1558768

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-9371-6 MSD
Matrix: Solid
Analysis Batch: 129329

Client Sample ID: FS 03
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	34.6		253	292.7		mg/Kg		102	90 - 110	0	20

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QC Association Summary

Client: Ensolum
Project/Site: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
SDG: 03C1558768

GC VOA

Analysis Batch: 129231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9371-1	SW 01	Total/NA	Solid	8021B	129237
890-9371-2	FS 01	Total/NA	Solid	8021B	129237
890-9371-3	FS 07	Total/NA	Solid	8021B	129237
890-9371-4	SW 02	Total/NA	Solid	8021B	129237
890-9371-5	FS 02	Total/NA	Solid	8021B	129237
890-9371-6	FS 03	Total/NA	Solid	8021B	129237
890-9371-7	FS 04	Total/NA	Solid	8021B	129237
890-9371-8	FS 05	Total/NA	Solid	8021B	129237
890-9371-9	FS 06	Total/NA	Solid	8021B	129237
890-9371-10	SW 03	Total/NA	Solid	8021B	129237
890-9371-11	FS 08	Total/NA	Solid	8021B	129237
MB 880-129237/5-A	Method Blank	Total/NA	Solid	8021B	129237
LCS 880-129237/1-A	Lab Control Sample	Total/NA	Solid	8021B	129237
LCSD 880-129237/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	129237
880-67096-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	129237
880-67096-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	129237

Prep Batch: 129237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9371-1	SW 01	Total/NA	Solid	5035	
890-9371-2	FS 01	Total/NA	Solid	5035	
890-9371-3	FS 07	Total/NA	Solid	5035	
890-9371-4	SW 02	Total/NA	Solid	5035	
890-9371-5	FS 02	Total/NA	Solid	5035	
890-9371-6	FS 03	Total/NA	Solid	5035	
890-9371-7	FS 04	Total/NA	Solid	5035	
890-9371-8	FS 05	Total/NA	Solid	5035	
890-9371-9	FS 06	Total/NA	Solid	5035	
890-9371-10	SW 03	Total/NA	Solid	5035	
890-9371-11	FS 08	Total/NA	Solid	5035	
MB 880-129237/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-129237/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-129237/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67096-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-67096-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 129360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9371-1	SW 01	Total/NA	Solid	Total BTEX	
890-9371-2	FS 01	Total/NA	Solid	Total BTEX	
890-9371-3	FS 07	Total/NA	Solid	Total BTEX	
890-9371-4	SW 02	Total/NA	Solid	Total BTEX	
890-9371-5	FS 02	Total/NA	Solid	Total BTEX	
890-9371-6	FS 03	Total/NA	Solid	Total BTEX	
890-9371-7	FS 04	Total/NA	Solid	Total BTEX	
890-9371-8	FS 05	Total/NA	Solid	Total BTEX	
890-9371-9	FS 06	Total/NA	Solid	Total BTEX	
890-9371-10	SW 03	Total/NA	Solid	Total BTEX	
890-9371-11	FS 08	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Ensolum
 Project/Site: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
 SDG: 03C1558768

GC Semi VOA

Prep Batch: 129168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9371-1	SW 01	Total/NA	Solid	8015NM Prep	
890-9371-2	FS 01	Total/NA	Solid	8015NM Prep	
890-9371-3	FS 07	Total/NA	Solid	8015NM Prep	
890-9371-4	SW 02	Total/NA	Solid	8015NM Prep	
890-9371-5	FS 02	Total/NA	Solid	8015NM Prep	
890-9371-6	FS 03	Total/NA	Solid	8015NM Prep	
MB 880-129168/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-129168/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-129168/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-67078-A-26-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-67078-A-26-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 129217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9371-7	FS 04	Total/NA	Solid	8015NM Prep	
890-9371-8	FS 05	Total/NA	Solid	8015NM Prep	
890-9371-9	FS 06	Total/NA	Solid	8015NM Prep	
890-9371-10	SW 03	Total/NA	Solid	8015NM Prep	
890-9371-11	FS 08	Total/NA	Solid	8015NM Prep	
MB 880-129217/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-129217/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-129217/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9371-7 MS	FS 04	Total/NA	Solid	8015NM Prep	
890-9371-7 MSD	FS 04	Total/NA	Solid	8015NM Prep	

Analysis Batch: 129257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9371-1	SW 01	Total/NA	Solid	8015B NM	129168
890-9371-2	FS 01	Total/NA	Solid	8015B NM	129168
890-9371-3	FS 07	Total/NA	Solid	8015B NM	129168
890-9371-4	SW 02	Total/NA	Solid	8015B NM	129168
890-9371-5	FS 02	Total/NA	Solid	8015B NM	129168
890-9371-6	FS 03	Total/NA	Solid	8015B NM	129168
MB 880-129168/1-A	Method Blank	Total/NA	Solid	8015B NM	129168
LCS 880-129168/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	129168
LCSD 880-129168/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	129168
880-67078-A-26-D MS	Matrix Spike	Total/NA	Solid	8015B NM	129168
880-67078-A-26-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	129168

Analysis Batch: 129371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9371-7	FS 04	Total/NA	Solid	8015B NM	129217
890-9371-8	FS 05	Total/NA	Solid	8015B NM	129217
890-9371-9	FS 06	Total/NA	Solid	8015B NM	129217
890-9371-10	SW 03	Total/NA	Solid	8015B NM	129217
890-9371-11	FS 08	Total/NA	Solid	8015B NM	129217
MB 880-129217/1-A	Method Blank	Total/NA	Solid	8015B NM	129217
LCS 880-129217/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	129217
LCSD 880-129217/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	129217
890-9371-7 MS	FS 04	Total/NA	Solid	8015B NM	129217
890-9371-7 MSD	FS 04	Total/NA	Solid	8015B NM	129217

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QC Association Summary

Client: Ensolum
Project/Site: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
SDG: 03C1558768

GC Semi VOA

Analysis Batch: 129483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9371-1	SW 01	Total/NA	Solid	8015 NM	
890-9371-2	FS 01	Total/NA	Solid	8015 NM	
890-9371-3	FS 07	Total/NA	Solid	8015 NM	
890-9371-4	SW 02	Total/NA	Solid	8015 NM	
890-9371-5	FS 02	Total/NA	Solid	8015 NM	
890-9371-6	FS 03	Total/NA	Solid	8015 NM	
890-9371-7	FS 04	Total/NA	Solid	8015 NM	
890-9371-8	FS 05	Total/NA	Solid	8015 NM	
890-9371-9	FS 06	Total/NA	Solid	8015 NM	
890-9371-10	SW 03	Total/NA	Solid	8015 NM	
890-9371-11	FS 08	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 129297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9371-1	SW 01	Soluble	Solid	DI Leach	
890-9371-2	FS 01	Soluble	Solid	DI Leach	
890-9371-3	FS 07	Soluble	Solid	DI Leach	
890-9371-4	SW 02	Soluble	Solid	DI Leach	
890-9371-5	FS 02	Soluble	Solid	DI Leach	
890-9371-6	FS 03	Soluble	Solid	DI Leach	
890-9371-7	FS 04	Soluble	Solid	DI Leach	
890-9371-8	FS 05	Soluble	Solid	DI Leach	
890-9371-9	FS 06	Soluble	Solid	DI Leach	
890-9371-10	SW 03	Soluble	Solid	DI Leach	
890-9371-11	FS 08	Soluble	Solid	DI Leach	
MB 880-129297/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-129297/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-129297/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9371-6 MS	FS 03	Soluble	Solid	DI Leach	
890-9371-6 MSD	FS 03	Soluble	Solid	DI Leach	

Analysis Batch: 129329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9371-1	SW 01	Soluble	Solid	300.0	129297
890-9371-2	FS 01	Soluble	Solid	300.0	129297
890-9371-3	FS 07	Soluble	Solid	300.0	129297
890-9371-4	SW 02	Soluble	Solid	300.0	129297
890-9371-5	FS 02	Soluble	Solid	300.0	129297
890-9371-6	FS 03	Soluble	Solid	300.0	129297
890-9371-7	FS 04	Soluble	Solid	300.0	129297
890-9371-8	FS 05	Soluble	Solid	300.0	129297
890-9371-9	FS 06	Soluble	Solid	300.0	129297
890-9371-10	SW 03	Soluble	Solid	300.0	129297
890-9371-11	FS 08	Soluble	Solid	300.0	129297
MB 880-129297/1-A	Method Blank	Soluble	Solid	300.0	129297
LCS 880-129297/2-A	Lab Control Sample	Soluble	Solid	300.0	129297
LCSD 880-129297/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	129297
890-9371-6 MS	FS 03	Soluble	Solid	300.0	129297
890-9371-6 MSD	FS 03	Soluble	Solid	300.0	129297

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Lab Chronicle

Client: Ensolum
 Project/Site: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
 SDG: 03C1558768

Client Sample ID: SW 01

Lab Sample ID: 890-9371-1

Date Collected: 01/15/26 15:15

Matrix: Solid

Date Received: 01/16/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	129237	01/19/26 08:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129231	01/19/26 13:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129360	01/19/26 13:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			129483	01/19/26 23:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	129168	01/16/26 11:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/19/26 23:35	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	129297	01/19/26 10:58	SA	EET MID
Soluble	Analysis	300.0		1			129329	01/19/26 17:18	CS	EET MID

Client Sample ID: FS 01

Lab Sample ID: 890-9371-2

Date Collected: 01/15/26 15:20

Matrix: Solid

Date Received: 01/16/26 09:00

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	129237	01/19/26 08:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129231	01/19/26 14:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129360	01/19/26 14:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			129483	01/19/26 23:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129168	01/16/26 11:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/19/26 23:50	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	129297	01/19/26 10:58	SA	EET MID
Soluble	Analysis	300.0		1			129329	01/19/26 17:23	CS	EET MID

Client Sample ID: FS 07

Lab Sample ID: 890-9371-3

Date Collected: 01/15/26 15:28

Matrix: Solid

Date Received: 01/16/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	129237	01/19/26 08:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129231	01/19/26 14:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129360	01/19/26 14:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			129483	01/20/26 00:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	129168	01/16/26 11:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/20/26 00:06	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	129297	01/19/26 10:58	SA	EET MID
Soluble	Analysis	300.0		1			129329	01/19/26 17:28	CS	EET MID

Client Sample ID: SW 02

Lab Sample ID: 890-9371-4

Date Collected: 01/15/26 15:33

Matrix: Solid

Date Received: 01/16/26 09:00

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	129237	01/19/26 08:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129231	01/19/26 17:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129360	01/19/26 17:49	SA	EET MID

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Lab Chronicle

Client: Ensolum
 Project/Site: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
 SDG: 03C1558768

Client Sample ID: SW 02

Lab Sample ID: 890-9371-4

Date Collected: 01/15/26 15:33

Matrix: Solid

Date Received: 01/16/26 09:00

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			129483	01/20/26 00:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	129168	01/16/26 11:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/20/26 00:20	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	129297	01/19/26 10:58	SA	EET MID
Soluble	Analysis	300.0		1			129329	01/19/26 17:33	CS	EET MID

Client Sample ID: FS 02

Lab Sample ID: 890-9371-5

Date Collected: 01/15/26 16:15

Matrix: Solid

Date Received: 01/16/26 09:00

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	129237	01/19/26 08:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129231	01/19/26 18:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129360	01/19/26 18:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			129483	01/20/26 00:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129168	01/16/26 11:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/20/26 00:35	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	129297	01/19/26 10:58	SA	EET MID
Soluble	Analysis	300.0		1			129329	01/19/26 17:38	CS	EET MID

Client Sample ID: FS 03

Lab Sample ID: 890-9371-6

Date Collected: 01/15/26 16:20

Matrix: Solid

Date Received: 01/16/26 09:00

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	129237	01/19/26 08:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129231	01/19/26 18:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129360	01/19/26 18:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			129483	01/20/26 00:50	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	129168	01/16/26 11:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129257	01/20/26 00:50	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	129297	01/19/26 10:58	SA	EET MID
Soluble	Analysis	300.0		1			129329	01/19/26 17:43	CS	EET MID

Client Sample ID: FS 04

Lab Sample ID: 890-9371-7

Date Collected: 01/15/26 16:25

Matrix: Solid

Date Received: 01/16/26 09:00

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	129237	01/19/26 08:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129231	01/19/26 18:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129360	01/19/26 18:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			129483	01/20/26 22:50	SA	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10.00 mL	129217	01/18/26 16:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129371	01/20/26 22:50	FC	EET MID

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Lab Chronicle

Client: Ensolum
 Project/Site: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
 SDG: 03C1558768

Client Sample ID: FS 04

Lab Sample ID: 890-9371-7

Date Collected: 01/15/26 16:25

Matrix: Solid

Date Received: 01/16/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	129297	01/19/26 10:58	SA	EET MID
Soluble	Analysis	300.0		1			129329	01/19/26 17:58	CS	EET MID

Client Sample ID: FS 05

Lab Sample ID: 890-9371-8

Date Collected: 01/15/26 16:28

Matrix: Solid

Date Received: 01/16/26 09:00

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	129237	01/19/26 08:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129231	01/19/26 19:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129360	01/19/26 19:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			129483	01/20/26 23:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	129217	01/18/26 16:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129371	01/20/26 23:33	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	129297	01/19/26 10:58	SA	EET MID
Soluble	Analysis	300.0		1			129329	01/19/26 18:03	CS	EET MID

Client Sample ID: FS 06

Lab Sample ID: 890-9371-9

Date Collected: 01/15/26 16:31

Matrix: Solid

Date Received: 01/16/26 09:00

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	129237	01/19/26 08:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129231	01/19/26 19:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129360	01/19/26 19:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			129483	01/20/26 23:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129217	01/18/26 16:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129371	01/20/26 23:47	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	129297	01/19/26 10:58	SA	EET MID
Soluble	Analysis	300.0		1			129329	01/19/26 18:18	CS	EET MID

Client Sample ID: SW 03

Lab Sample ID: 890-9371-10

Date Collected: 01/15/26 16:40

Matrix: Solid

Date Received: 01/16/26 09:00

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	129237	01/19/26 08:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129231	01/19/26 19:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129360	01/19/26 19:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			129483	01/21/26 00:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	129217	01/18/26 16:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129371	01/21/26 00:02	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	129297	01/19/26 10:58	SA	EET MID
Soluble	Analysis	300.0		1			129329	01/19/26 18:23	CS	EET MID

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Lab Chronicle

Client: Ensolum
 Project/Site: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
 SDG: 03C1558768

Client Sample ID: FS 08

Lab Sample ID: 890-9371-11

Date Collected: 01/15/26 16:35

Matrix: Solid

Date Received: 01/16/26 09:00

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	129237	01/19/26 08:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129231	01/19/26 20:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129360	01/19/26 20:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			129483	01/21/26 00:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129217	01/18/26 16:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129371	01/21/26 00:16	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	129297	01/19/26 10:58	SA	EET MID
Soluble	Analysis	300.0		1			129329	01/19/26 18:27	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: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
SDG: 03C1558768

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: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
SDG: 03C1558768

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: DOG TOWN DRAW PW BOOSTER

Job ID: 890-9371-1
SDG: 03C1558768

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9371-1	SW 01	Solid	01/15/26 15:15	01/16/26 09:00	0-3
890-9371-2	FS 01	Solid	01/15/26 15:20	01/16/26 09:00	3
890-9371-3	FS 07	Solid	01/15/26 15:28	01/16/26 09:00	1
890-9371-4	SW 02	Solid	01/15/26 15:33	01/16/26 09:00	0-3
890-9371-5	FS 02	Solid	01/15/26 16:15	01/16/26 09:00	2
890-9371-6	FS 03	Solid	01/15/26 16:20	01/16/26 09:00	1
890-9371-7	FS 04	Solid	01/15/26 16:25	01/16/26 09:00	1
890-9371-8	FS 05	Solid	01/15/26 16:28	01/16/26 09:00	1
890-9371-9	FS 06	Solid	01/15/26 16:31	01/16/26 09:00	1
890-9371-10	SW 03	Solid	01/15/26 16:40	01/16/26 09:00	0-1
890-9371-11	FS 08	Solid	01/15/26 16:35	01/16/26 09:00	3

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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 2

Project Manager: Tracy Hillard	Bill to: (if different) Robert Woodell
Company Name: Ensolium	Company Name: XTO Energy, Inc
Address: 3122 National Parks Hwy	Address: 3104 E Greene St
City, State ZIP: Carlsbad, NM 88220	City, State ZIP: Carlsbad, NM 88220
Phone: 575 937 3906	Email: tracy.hillard@ensolium.com; robert.woodell@ensolium.com

Project Name: Day Town Draw PW Booster	Turn Around	Pres. Code	ANALYSIS REQUEST	Preservative Codes
Project Number: 03C1558 765	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		 890-9371 Chain of Custody	None: NO DI Water: H ₂ O
Project Location: 32.1657394, -103.8463763	Due Date: 5 day			Cool MeOH: Me
Sampler's Name: Joshua Boxley	TAT starts the day received by the lab, if received by 4:30pm			HC HNO ₃ : HN
PO #:				4: H ₂ NaOH: Na

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	CHLORIDES (EPA: 300.0)	TPH	BTEX	Sample Comments
Swo1	Soil	115.26	1515	0-3	Comp	1					Incident ID: rAPP252165709
F501			1520	3							CC: 1081711001
F507			1528	1							GFCM: 48605000-5115
Swo2			1533	0-3							
F502			1615	2							
F503			1620	1							
F504			1625	1							
F505			1628	1							
F506			1631	1							
Swo3	Soil	115.26	1610	0-1	Comp	1					

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 \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>
Date/Time: 1-16-26 8:35am	Date/Time: 1-16 900

Revised Date: 08/25/2020 Rev. 2020.2



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 2 of 2

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

Program: UST/PST RP rowfields RC perfund
 State of Project: Level II Level III PST/UST TRRP Level IV
 Deliverables: EDD ADAPT Other:

Project Name: Deep Town Draw PW Booster Turn Around: Routine Rush
 Project Number: 03C1558 768 Due Date: 5 day
 Project Location: 32.1657394, -103.84163763
 Sampler's Name: Joshua Boxley TAT starts the day received by the lab, if received by 4:30pm
 PO #:

Temp Blank: Yes No Wet Ice: Yes No
 Samples Received Intact: Yes No Thermometer ID: Inance
 Cooler Custody Seals: Yes No Correction Factor: -0.2
 Sample Custody Seals: Yes No Temperature Reading: 1.4
 Total Containers: 1.2 Corrected Temperature:

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters			Pres. Code	ANALYSIS REQUEST	Preservative Codes
							CHLORIDES (EPA: 300.0)	TPH	BTEX			
<u>F906</u>	<u>Soil</u>	<u>1.15.26</u>	<u>1635</u>	<u>3</u>	<u>Comp</u>	<u>1</u>						
TPH												
CHLORIDES (EPA: 300.0)												
BTEX												
Sample Comments												
Incident ID: <u>NAPP 25291557909</u>												
CC: <u>1081711001</u>												
GFCM: <u>4960 5000 pills</u>												

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 \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	<u>1-16-26 8:35am</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>1-16 9am</u>



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Eurofins Carlsbad

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

Chain of Custody Record



eurofins | Environment Testing

Client Information (Sub Contract Lab) Sampler: N/A Lab PM: Kramer, Jessica Carrier Tracking No(s): COC No: 890-6368 1

Shipping/Receiving: N/A Phone: N/A E-Mail: Jessica.Kramer@eurofins.com State of Origin: New Mexico Page: Page 1 of 2

Company: Eurofins Environment Testing South Center Address: 1211 W Florida Ave, Due Date Requested: 1/22/2026 TAT Requested (days): N/A Analysis Requested: Preservation Codes: 890-9371-1

City: Midland State, Zip: TX, 79701 PO #: N/A Project #: 89000110
 Phone: 432-704-5440(Tel) W/O #: N/A SSOV#: N/A
 Email: N/A Project Name: DOG TOWN DRAW PW BOOSTER
 Site: N/A

Sample ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Wet, Solid, Overhead, BT-Tissue, AAAL)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep(MOD) Full TPH	8015MOD_Calc	300_ORGFM_28D/DI_LEACHChloride	8021B/5035FP_Calc(MOD) BTEX	Total_BTEX_GCV	Total Number of Containers	Special Instructions/Note:
SW 01 (890-9371-1)	1/15/26	15 15	G	Solid	X	X	X	X	X	X	X	1	
FS 01 (890-9371-2)	1/15/26	15 20	G	Solid	X	X	X	X	X	X	X	1	
FS 07 (890-9371-3)	1/15/26	15 28	G	Solid	X	X	X	X	X	X	X	1	
SW 02 (890-9371-4)	1/15/26	15 33	G	Solid	X	X	X	X	X	X	X	1	
FS 02 (890-9371-5)	1/15/26	16 15	G	Solid	X	X	X	X	X	X	X	1	
FS 03 (890-9371-6)	1/15/26	16 20	G	Solid	X	X	X	X	X	X	X	1	
FS 04 (890-9371-7)	1/15/26	16 25	G	Solid	X	X	X	X	X	X	X	1	
FS 05 (890-9371-8)	1/15/26	16 28	G	Solid	X	X	X	X	X	X	X	1	
FS 06 (890-9371-9)	1/15/26	16 31	G	Solid	X	X	X	X	X	X	X	1	

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

Possible Hazard Identification

Unconfirmed Deliverable Requested: I, II, III, IV, Other (Specify) Primary Deliverable Rank: 2 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Empty Kit Relinquished by: Date: Time: Method of Shipment: Return To Client Disposal By Lab Archive For Months

Relinquished by: *DUNN* Date/Time: 1-16 1630 Company: Received by: *Stel* Date/Time: 1/19/26 Company: *TD*

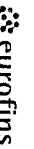
Relinquished by: Date/Time: Company: Received by: Date/Time: Company: Cooler Temperature(s) °C and Other Remarks: 3-2/3-C -1 TAK

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Eurofins Carlsbad

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

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler:	Lab Pin:	Carrier Tracking Info(s):		COC No:
Client Contact: Eurofins Environment Testing South Cent		N/A	Kramer, Jessica	N/A		890-6368-1
Shipping/Receiving:		Phone:	Jessica.Kramer@et.eurofins.com	State of Origin:		Page: 1 of 2
Company:		N/A	Accreditations Required (See note):	New Mexico		Job #:
Address: 1211 W Florida Ave,		Due Date Requested:	NELAP - Texas		890-9371-1	
City: Midland		TAT Requested (days):	Analysis Requested			
State Zip: TX 79701		N/A				
Phone: 432-704-5440(Tel)		PO #:				
Email: N/A		N/A				
Project Name: DOG TOWN DRAW PW BOOSTER		MO #:				
Site: N/A		Project #:				
SSOW#: N/A		89000110				
Matrix (Metal, Organic, Inorganic, Asst):		SSOW#: N/A				
Sample Identification - Client ID (Lab ID)		Field/Filtered Sample (Yes or No)				
SW 01 (890-9371-1)		Perform MS/MSD (Yes or No)				
Sample Date		8015MOD_NM/8015NM_S_Prep(MOD) Full TPH				
Sample Time		8015MOD_Calc				
Sample Type (G=Comp, G=Grab)		300_ORGFM_28D/DI_LEACHChloride				
Preservation Code		8021B/5035FP_Calc(MOD) BTEX				
Matrix		Total_BTEX_GCV				
Matrix (Metal, Organic, Inorganic, Asst)						
Field/Filtered Sample (Yes or No)						
Perform MS/MSD (Yes or No)						
8015MOD_NM/8015NM_S_Prep(MOD) Full TPH						
8015MOD_Calc						
300_ORGFM_28D/DI_LEACHChloride						
8021B/5035FP_Calc(MOD) BTEX						
Total_BTEX_GCV						
Total Number of Containers:						
Special Instructions/Note:						
SW 01 (890-9371-1)						
Sample Date						
Sample Time						
Sample Type (G=Comp, G=Grab)						
Preservation Code						
Matrix						
Matrix (Metal, Organic, Inorganic, Asst)						
Field/Filtered Sample (Yes or No)						
Perform MS/MSD (Yes or No)						
8015MOD_NM/8015NM_S_Prep(MOD) Full TPH						
8015MOD_Calc						
300_ORGFM_28D/DI_LEACHChloride						
8021B/5035FP_Calc(MOD) BTEX						
Total_BTEX_GCV						
Total Number of Containers:						
Special Instructions/Note:						
SW 01 (890-9371-1)						
Sample Date						
Sample Time						
Sample Type (G=Comp, G=Grab)						
Preservation Code						
Matrix						
Matrix (Metal, Organic, Inorganic, Asst)						
Field/Filtered Sample (Yes or No)						
Perform MS/MSD (Yes or No)						
8015MOD_NM/8015NM_S_Prep(MOD) Full TPH						
8015MOD_Calc						
300_ORGFM_28D/DI_LEACHChloride						
8021B/5035FP_Calc(MOD) BTEX						
Total_BTEX_GCV						
Total Number of Containers:						
Special Instructions/Note:						
SW 01 (890-9371-1)						
Sample Date						
Sample Time						
Sample Type (G=Comp, G=Grab)						
Preservation Code						
Matrix						
Matrix (Metal, Organic, Inorganic, Asst)						
Field/Filtered Sample (Yes or No)						
Perform MS/MSD (Yes or No)						
8015MOD_NM/8015NM_S_Prep(MOD) Full TPH						
8015MOD_Calc						
300_ORGFM_28D/DI_LEACHChloride						
8021B/5035FP_Calc(MOD) BTEX						
Total_BTEX_GCV						
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Special Instructions/Note:						
SW 01 (890-9371-1)						
Sample Date						
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Sample Type (G=Comp, G=Grab)						
Preservation Code						
Matrix						
Matrix (Metal, Organic, Inorganic, Asst)						
Field/Filtered Sample (Yes or No)						
Perform MS/MSD (Yes or No)						
8015MOD_NM/8015NM_S_Prep(MOD) Full TPH						
8015MOD_Calc						
300_ORGFM_28D/DI_LEACHChloride						
8021B/5035FP_Calc(MOD) BTEX						
Total_BTEX_GCV						
Total Number of Containers:						
Special Instructions/Note:						
SW 01 (890-9371-1)						
Sample Date						
Sample Time						
Sample Type (G=Comp, G=Grab)						
Preservation Code						
Matrix						
Matrix (Metal, Organic, Inorganic, Asst)						
Field/Filtered Sample (Yes or No)						
Perform MS/MSD (Yes or No)						
8015MOD_NM/8015NM_S_Prep(MOD) Full TPH						
8015MOD_Calc						
300_ORGFM_28D/DI_LEACHChloride						
8021B/5035FP_Calc(MOD) BTEX						
Total_BTEX_GCV						
Total Number of Containers:						
Special Instructions/Note:						
SW 01 (890-9371-1)						
Sample Date						
Sample Time						
Sample Type (G=Comp, G=Grab)						
Preservation Code						
Matrix						
Matrix (Metal, Organic, Inorganic, Asst)						
Field/Filtered Sample (Yes or No)						
Perform MS/MSD (Yes or No)						
8015MOD_NM/8015NM_S_Prep(MOD) Full TPH						
8015MOD_Calc						
300_ORGFM_28D/DI_LEACHChloride						
8021B/5035FP_Calc(MOD) BTEX						
Total_BTEX_GCV						
Total Number of Containers:						
Special Instructions/Note:						
SW 01 (890-9371-1)						
Sample Date						
Sample Time						
Sample Type (G=Comp, G=Grab)						
Preservation Code						
Matrix						
Matrix (Metal, Organic, Inorganic, Asst)						
Field/Filtered Sample (Yes or No)						
Perform MS/MSD (Yes or No)						
8015MOD_NM/8015NM_S_Prep(MOD) Full TPH						
8015MOD_Calc						
300_ORGFM_28D/DI_LEACHChloride						
8021B/5035FP_Calc(MOD) BTEX						
Total_BTEX_GCV						
Total Number of Containers:						
Special Instructions/Note:						
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Matrix						
Matrix (Metal, Organic, Inorganic, Asst)						
Field/Filtered Sample (Yes or No)						
Perform MS/MSD (Yes or No)						
8015MOD_NM/8015NM_S_Prep(MOD) Full TPH						
8015MOD_Calc						
300_ORGFM_28D/DI_LEACHChloride						
8021B/5035FP_Calc(MOD) BTEX						
Total_BTEX_GCV						
Total Number of Containers:						
Special Instructions/Note:						
SW 01 (890-9371-1)						
Sample Date						
Sample Time						
Sample Type (G=Comp, G=Grab)						
Preservation Code						
Matrix						
Matrix (Metal, Organic, Inorganic, Asst)						
Field/Filtered Sample (Yes or No)						
Perform MS/MSD (Yes or No)						
8015MOD_NM/8015NM_S_Prep(MOD) Full TPH						
8015MOD_Calc						
300_ORGFM_28D/DI_LEACHChloride						
8021B/5035FP_Calc(MOD) BTEX						
Total_BTEX_GCV						
Total Number of Containers:						
Special Instructions/Note:						
SW 01 (890-9371-1)						
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Sample Time						
Sample Type (G=Comp, G=Grab)						
Preservation Code						
Matrix						
Matrix (Metal, Organic, Inorganic, Asst)						
Field/Filtered Sample (Yes or No)						
Perform MS/MSD (Yes or No)						
8015MOD_NM/8015NM_S_Prep(MOD) Full TPH						
8015MOD_Calc						
300_ORGFM_28D/DI_LEACHChloride						
8021B/5035FP_Calc(MOD) BTEX						
Total_BTEX_GCV						
Total Number of Containers:						
Special Instructions/Note:						
SW 01 (890-9371-1)						
Sample Date						
Sample Time						
Sample Type (G=Comp, G=Grab)						
Preservation Code						
Matrix						
Matrix (Metal, Organic, Inorganic, Asst)						
Field/Filtered Sample (Yes or No)						
Perform MS/MSD (Yes or No)						
8015MOD_NM/8015NM_S_Prep(MOD) Full TPH						
8015MOD_Calc						
300_ORGFM_28D/DI_LEACHChloride						
8021B/5035FP_Calc(MOD) BTEX						
Total_BTEX_GCV						
Total Number of Containers:						
Special Instructions/Note:						
SW 01 (890-9371-1)						
Sample Date						
Sample Time						
Sample Type (G=Comp, G=Grab)						
Preservation Code						
Matrix						
Matrix (Metal, Organic, Inorganic, Asst)						
Field/Filtered Sample (Yes or No)						
Perform MS/MSD (Yes or No)						
8015MOD_NM/8015NM_S_Prep(MOD) Full TPH						
8015MOD_Calc						
300_ORGFM_28D/DI_LEACHChloride						
8021B/5035FP_Calc(MOD) BTEX						
Total_BTEX_GCV						
Total Number of Containers:						
Special Instructions/Note:						
SW 01 (890-9371-1)						
Sample Date						
Sample Time						
Sample Type (G=Comp, G=Grab)						
Preservation Code						
Matrix						
Matrix (Metal, Organic, Inorganic, Asst)						
Field/Filtered Sample (Yes or No)						
Perform MS/MSD (Yes or No)						
8015MOD_NM/8015NM_S_Prep(MOD) Full TPH						
8015MOD_Calc						
300_ORGFM_28D/DI_LEACHChloride						
8021B/5035FP_Calc(MOD) BTEX						
Total_BTEX_GCV						
Total Number of Containers:						
Special Instructions/Note:						
SW 01 (890-9371-1)						
Sample Date						
Sample Time						
Sample Type (G=Comp, G=Grab)						
Preservation Code						
Matrix						
Matrix (Metal, Organic, Inorganic, Asst)						
Field/Filtered Sample (Yes or No)						
Perform MS/MSD (Yes or No)						
8015MOD_NM/8015NM_S_Prep(MOD) Full TPH						
8015MOD_Calc						
300_ORGFM_28D/DI_LEACHChloride						
8021B/5035FP_Calc(MOD) BTEX						
Total_BTEX_GCV						
Total Number of Containers:						
Special Instructions/Note:						
SW 01 (890-9371-1)						
Sample Date						
Sample Time						
Sample Type (G=Comp, G=Grab)						
Preservation Code						
Matrix						
Matrix (Metal, Organic, Inorganic, Asst)						
Field/Filtered Sample (Yes or No)						
Perform MS/MSD (Yes or No)						
8015MOD_NM/8015NM_S_Prep(MOD) Full TPH						
8015MOD_Calc						
300_ORGFM_28D/DI_LEACHChloride						
8021B/5035FP_Calc(MOD) BTEX						
Total_BTEX_GCV						
Total Number of Containers:						
Special Instructions/Note:						
SW 01 (890-9371-1)						
Sample Date						
Sample Time						
Sample Type (G=Comp, G=Grab)						
Preservation Code						
Matrix						
Matrix (Metal, Organic, Inorganic, Asst)						
Field/Filtered Sample (Yes or No)						
Perform MS/MSD (Yes or No)						
8015MOD_NM/8015NM_S_Prep(MOD) Full TPH						
8015MOD_Calc						
300_ORGFM_28D/DI_LEACHChloride						
8021B/5035FP_Calc(MOD) BTEX						
Total_BTEX_GCV						
Total Number of Containers:						
Special Instructions/Note:						
SW 01 (890-9371-1)						
Sample Date						
Sample Time						
Sample Type (G=Comp, G=Grab)						
Preservation Code						
Matrix						
Matrix (Metal, Organic, Inorganic, Asst)						

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9371-1

SDG Number: 03C1558768

Login Number: 9371

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: 890-9371-1

SDG Number: 03C1558768

Login Number: 9371

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 01/18/26 04:29 PM

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

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/13/2026 12:45:05 PM Revision 1

JOB DESCRIPTION

Dog Town Draw PW Booster
 03C1558768

JOB NUMBER

890-9568-1

Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad NM 88220



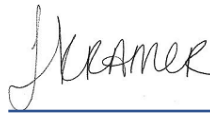
Eurofins Carlsbad

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
3/13/2026 12:45:05 PM
Revision 1

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

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Client: Ensolum
Project/Site: Dog Town Draw PW Booster

Laboratory Job ID: 890-9568-1
SDG: 03C1558768

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Definitions/Glossary

Client: Ensolum
Project/Site: Dog Town Draw PW Booster

Job ID: 890-9568-1
SDG: 03C1558768

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Ensolum
Project: Dog Town Draw PW Booster

Job ID: 890-9568-1

Job ID: 890-9568-1

Eurofins Carlsbad

Job Narrative 890-9568-1

REVISION

The report being provided is a revision of the original report sent on 3/9/2026. The report (revision 1) is being revised due to Per client email, requesting sample ID correction.

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

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

Receipt

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

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS07 (890-9568-1), SS08 (890-9568-2), SS09 (890-9568-3) and CS01 (890-9568-4).

GC VOA

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

Diesel Range Organics

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

HPLC/IC

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

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Client Sample Results

Client: Ensolum
Project/Site: Dog Town Draw PW BoosterJob ID: 890-9568-1
SDG: 03C1558768Client Sample ID: SS07
Date Collected: 02/27/26 08:43
Date Received: 02/27/26 16:20Lab Sample ID: 890-9568-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		03/04/26 10:11	03/05/26 05:48	1
Toluene	<0.00201	U	0.00201	mg/Kg		03/04/26 10:11	03/05/26 05:48	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		03/04/26 10:11	03/05/26 05:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		03/04/26 10:11	03/05/26 05:48	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		03/04/26 10:11	03/05/26 05:48	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		03/04/26 10:11	03/05/26 05:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	03/04/26 10:11	03/05/26 05:48	1
1,4-Difluorobenzene (Surr)	108		70 - 130	03/04/26 10:11	03/05/26 05:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			03/05/26 05:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			03/06/26 18:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/03/26 17:34	03/06/26 18:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		03/03/26 17:34	03/06/26 18:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/03/26 17:34	03/06/26 18:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	03/03/26 17:34	03/06/26 18:17	1
o-Terphenyl	121		70 - 130	03/03/26 17:34	03/06/26 18:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	150		10.1	mg/Kg			03/04/26 11:44	1

Client Sample ID: SS08
Date Collected: 02/27/26 08:45
Date Received: 02/27/26 16:20Lab Sample ID: 890-9568-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		03/04/26 10:11	03/05/26 06:09	1
Toluene	<0.00202	U	0.00202	mg/Kg		03/04/26 10:11	03/05/26 06:09	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		03/04/26 10:11	03/05/26 06:09	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		03/04/26 10:11	03/05/26 06:09	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		03/04/26 10:11	03/05/26 06:09	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		03/04/26 10:11	03/05/26 06:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	03/04/26 10:11	03/05/26 06:09	1
1,4-Difluorobenzene (Surr)	113		70 - 130	03/04/26 10:11	03/05/26 06:09	1

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Client Sample Results

Client: Ensolum
 Project/Site: Dog Town Draw PW Booster

Job ID: 890-9568-1
 SDG: 03C1558768

Client Sample ID: SS08
 Date Collected: 02/27/26 08:45
 Date Received: 02/27/26 16:20

Lab Sample ID: 890-9568-2
 Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			03/05/26 06:09	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			03/06/26 18:33	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		03/03/26 17:34	03/06/26 18:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		03/03/26 17:34	03/06/26 18:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		03/03/26 17:34	03/06/26 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	03/03/26 17:34	03/06/26 18:33	1
o-Terphenyl	118		70 - 130	03/03/26 17:34	03/06/26 18:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.4		9.94	mg/Kg			03/04/26 11:51	1

Client Sample ID: SS09
 Date Collected: 02/27/26 08:47
 Date Received: 02/27/26 16:20

Lab Sample ID: 890-9568-3
 Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		03/04/26 10:11	03/05/26 06:29	1
Toluene	<0.00202	U	0.00202	mg/Kg		03/04/26 10:11	03/05/26 06:29	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		03/04/26 10:11	03/05/26 06:29	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		03/04/26 10:11	03/05/26 06:29	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		03/04/26 10:11	03/05/26 06:29	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		03/04/26 10:11	03/05/26 06:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	03/04/26 10:11	03/05/26 06:29	1
1,4-Difluorobenzene (Surr)	109		70 - 130	03/04/26 10:11	03/05/26 06:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			03/05/26 06:29	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			03/06/26 18:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/03/26 17:34	03/06/26 18:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		03/03/26 17:34	03/06/26 18:48	1

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Client Sample Results

Client: Ensolum
 Project/Site: Dog Town Draw PW Booster

Job ID: 890-9568-1
 SDG: 03C1558768

Client Sample ID: SS09
Date Collected: 02/27/26 08:47
Date Received: 02/27/26 16:20

Lab Sample ID: 890-9568-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/03/26 17:34	03/06/26 18:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130			03/03/26 17:34	03/06/26 18:48	1
o-Terphenyl	121		70 - 130			03/03/26 17:34	03/06/26 18:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.4		10.0	mg/Kg			03/04/26 11:58	1

Client Sample ID: CS01
Date Collected: 02/27/26 09:10
Date Received: 02/27/26 16:20

Lab Sample ID: 890-9568-4
Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/04/26 10:11	03/05/26 06:50	1
Toluene	<0.00199	U	0.00199	mg/Kg		03/04/26 10:11	03/05/26 06:50	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		03/04/26 10:11	03/05/26 06:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		03/04/26 10:11	03/05/26 06:50	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		03/04/26 10:11	03/05/26 06:50	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/04/26 10:11	03/05/26 06:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130			03/04/26 10:11	03/05/26 06:50	1
1,4-Difluorobenzene (Surr)	116		70 - 130			03/04/26 10:11	03/05/26 06:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			03/05/26 06:50	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			03/06/26 19:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/03/26 17:34	03/06/26 19:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		03/03/26 17:34	03/06/26 19:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/03/26 17:34	03/06/26 19:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130			03/03/26 17:34	03/06/26 19:03	1
o-Terphenyl	121		70 - 130			03/03/26 17:34	03/06/26 19:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	109		9.92	mg/Kg			03/04/26 12:04	1

Eurofins Carlsbad

Surrogate Summary

Client: Ensolum
Project/Site: Dog Town Draw PW Booster

Job ID: 890-9568-1
SDG: 03C1558768

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-68906-A-1-G MS	Matrix Spike	112	116
880-68906-A-1-H MSD	Matrix Spike Duplicate	111	109
890-9568-1	SS07	104	108
890-9568-2	SS08	108	113
890-9568-3	SS09	104	109
890-9568-4	CS01	108	116
LCS 880-133791/1-A	Lab Control Sample	105	119
LCSD 880-133791/2-A	Lab Control Sample Dup	101	108
MB 880-133688/5-A	Method Blank	103	107
MB 880-133791/5-A	Method Blank	101	107

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	OTPH1
		(70-130)	(70-130)
890-9561-A-9-C MS	Matrix Spike	118	123
890-9561-A-9-D MSD	Matrix Spike Duplicate	118	127
890-9568-1	SS07	116	121
890-9568-2	SS08	113	118
890-9568-3	SS09	117	121
890-9568-4	CS01	118	121
LCS 880-133718/2-A	Lab Control Sample	103	108
LCSD 880-133718/3-A	Lab Control Sample Dup	102	109
MB 880-133718/1-A	Method Blank	110	115

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Ensolum
 Project/Site: Dog Town Draw PW Booster

Job ID: 890-9568-1
 SDG: 03C1558768

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-133688/5-A
 Matrix: Solid
 Analysis Batch: 133748

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 133688

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/03/26 13:39	03/04/26 11:33	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/03/26 13:39	03/04/26 11:33	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/03/26 13:39	03/04/26 11:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		03/03/26 13:39	03/04/26 11:33	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/03/26 13:39	03/04/26 11:33	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		03/03/26 13:39	03/04/26 11:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	03/03/26 13:39	03/04/26 11:33	1
1,4-Difluorobenzene (Surr)	107		70 - 130	03/03/26 13:39	03/04/26 11:33	1

Lab Sample ID: MB 880-133791/5-A
 Matrix: Solid
 Analysis Batch: 133748

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 133791

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/04/26 10:11	03/04/26 22:53	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/04/26 10:11	03/04/26 22:53	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/04/26 10:11	03/04/26 22:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		03/04/26 10:11	03/04/26 22:53	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/04/26 10:11	03/04/26 22:53	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		03/04/26 10:11	03/04/26 22:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	03/04/26 10:11	03/04/26 22:53	1
1,4-Difluorobenzene (Surr)	107		70 - 130	03/04/26 10:11	03/04/26 22:53	1

Lab Sample ID: LCS 880-133791/1-A
 Matrix: Solid
 Analysis Batch: 133748

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 133791

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1055		mg/Kg		105	70 - 130
Toluene	0.100	0.09655		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.1032		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	0.200	0.2011		mg/Kg		101	70 - 130
o-Xylene	0.100	0.09612		mg/Kg		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	119		70 - 130

Lab Sample ID: LCSD 880-133791/2-A
 Matrix: Solid
 Analysis Batch: 133748

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 133791

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	4	35

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QC Sample Results

Client: Ensolum
 Project/Site: Dog Town Draw PW Booster

Job ID: 890-9568-1
 SDG: 03C1558768

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

Lab Sample ID: LCSD 880-133791/2-A
 Matrix: Solid
 Analysis Batch: 133748

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 133791

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.09127		mg/Kg		91	70 - 130	6	35
Ethylbenzene	0.100	0.1006		mg/Kg		101	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1952		mg/Kg		98	70 - 130	3	35
o-Xylene	0.100	0.09475		mg/Kg		95	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-68906-A-1-G MS
 Matrix: Solid
 Analysis Batch: 133748

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 133791

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09914		mg/Kg		99	70 - 130
Toluene	<0.00200	U	0.100	0.09032		mg/Kg		90	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09058		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1749		mg/Kg		87	70 - 130
o-Xylene	<0.00200	U	0.100	0.08398		mg/Kg		84	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: 880-68906-A-1-H MSD
 Matrix: Solid
 Analysis Batch: 133748

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 133791

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08920		mg/Kg		89	70 - 130	11	35
Toluene	<0.00200	U	0.100	0.08156		mg/Kg		82	70 - 130	10	35
Ethylbenzene	<0.00200	U	0.100	0.08403		mg/Kg		84	70 - 130	8	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1642		mg/Kg		82	70 - 130	6	35
o-Xylene	<0.00200	U	0.100	0.07800		mg/Kg		78	70 - 130	7	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

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

Lab Sample ID: MB 880-133718/1-A
 Matrix: Solid
 Analysis Batch: 134070

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 133718

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/03/26 17:34	03/06/26 11:40	1

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QC Sample Results

Client: Ensolum
 Project/Site: Dog Town Draw PW Booster

Job ID: 890-9568-1
 SDG: 03C1558768

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

Lab Sample ID: MB 880-133718/1-A
Matrix: Solid
Analysis Batch: 134070

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133718

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		03/03/26 17:34	03/06/26 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/03/26 17:34	03/06/26 11:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	03/03/26 17:34	03/06/26 11:40	1
o-Terphenyl	115		70 - 130	03/03/26 17:34	03/06/26 11:40	1

Lab Sample ID: LCS 880-133718/2-A
Matrix: Solid
Analysis Batch: 134070

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133718

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1275		mg/Kg		127	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1208		mg/Kg		121	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: LCSD 880-133718/3-A
Matrix: Solid
Analysis Batch: 134070

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 133718

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1195		mg/Kg		119	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	1215		mg/Kg		122	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	109		70 - 130

Lab Sample ID: 890-9561-A-9-C MS
Matrix: Solid
Analysis Batch: 134070

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 133718

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	1136		mg/Kg		114	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1091		mg/Kg		108	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	118		70 - 130
o-Terphenyl	123		70 - 130

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QC Sample Results

Client: Ensolum
 Project/Site: Dog Town Draw PW Booster

Job ID: 890-9568-1
 SDG: 03C1558768

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

Lab Sample ID: 890-9561-A-9-D MSD
 Matrix: Solid
 Analysis Batch: 1334070

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 133718

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	1166		mg/Kg		117	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1114		mg/Kg		110	70 - 130	2	20
Surrogate	%Recovery	MSD Qualifier		MSD Limits							
1-Chlorooctane	118			70 - 130							
o-Terphenyl	127			70 - 130							

Method: 300.0 - Anions, Ion Chromatography

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

Client Sample ID: Method Blank
 Prep Type: Soluble

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

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

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

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

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

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

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

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

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	13.1		250	252.1		mg/Kg		96	90 - 110

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

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	13.1		250	254.0		mg/Kg		96	90 - 110	1	20

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QC Association Summary

Client: Ensolum
Project/Site: Dog Town Draw PW Booster

Job ID: 890-9568-1
SDG: 03C1558768

GC VOA

Prep Batch: 133688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-133688/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 133748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9568-1	SS07	Total/NA	Solid	8021B	133791
890-9568-2	SS08	Total/NA	Solid	8021B	133791
890-9568-3	SS09	Total/NA	Solid	8021B	133791
890-9568-4	CS01	Total/NA	Solid	8021B	133791
MB 880-133688/5-A	Method Blank	Total/NA	Solid	8021B	133688
MB 880-133791/5-A	Method Blank	Total/NA	Solid	8021B	133791
LCS 880-133791/1-A	Lab Control Sample	Total/NA	Solid	8021B	133791
LCSD 880-133791/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	133791
880-68906-A-1-G MS	Matrix Spike	Total/NA	Solid	8021B	133791
880-68906-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	133791

Prep Batch: 133791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9568-1	SS07	Total/NA	Solid	5035	
890-9568-2	SS08	Total/NA	Solid	5035	
890-9568-3	SS09	Total/NA	Solid	5035	
890-9568-4	CS01	Total/NA	Solid	5035	
MB 880-133791/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-133791/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-133791/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68906-A-1-G MS	Matrix Spike	Total/NA	Solid	5035	
880-68906-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 133962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9568-1	SS07	Total/NA	Solid	Total BTEX	
890-9568-2	SS08	Total/NA	Solid	Total BTEX	
890-9568-3	SS09	Total/NA	Solid	Total BTEX	
890-9568-4	CS01	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 133718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9568-1	SS07	Total/NA	Solid	8015NM Prep	
890-9568-2	SS08	Total/NA	Solid	8015NM Prep	
890-9568-3	SS09	Total/NA	Solid	8015NM Prep	
890-9568-4	CS01	Total/NA	Solid	8015NM Prep	
MB 880-133718/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-133718/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-133718/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9561-A-9-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9561-A-9-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 134070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9568-1	SS07	Total/NA	Solid	8015B NM	133718

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QC Association Summary

Client: Ensolum
Project/Site: Dog Town Draw PW Booster

Job ID: 890-9568-1
SDG: 03C1558768

GC Semi VOA (Continued)

Analysis Batch: 134070 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9568-2	SS08	Total/NA	Solid	8015B NM	133718
890-9568-3	SS09	Total/NA	Solid	8015B NM	133718
890-9568-4	CS01	Total/NA	Solid	8015B NM	133718
MB 880-133718/1-A	Method Blank	Total/NA	Solid	8015B NM	133718
LCS 880-133718/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	133718
LCSD 880-133718/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	133718
890-9561-A-9-C MS	Matrix Spike	Total/NA	Solid	8015B NM	133718
890-9561-A-9-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	133718

Analysis Batch: 134219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9568-1	SS07	Total/NA	Solid	8015 NM	
890-9568-2	SS08	Total/NA	Solid	8015 NM	
890-9568-3	SS09	Total/NA	Solid	8015 NM	
890-9568-4	CS01	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 133628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9568-1	SS07	Soluble	Solid	DI Leach	
890-9568-2	SS08	Soluble	Solid	DI Leach	
890-9568-3	SS09	Soluble	Solid	DI Leach	
890-9568-4	CS01	Soluble	Solid	DI Leach	
MB 880-133628/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-133628/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-133628/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9569-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9569-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 133789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9568-1	SS07	Soluble	Solid	300.0	133628
890-9568-2	SS08	Soluble	Solid	300.0	133628
890-9568-3	SS09	Soluble	Solid	300.0	133628
890-9568-4	CS01	Soluble	Solid	300.0	133628
MB 880-133628/1-A	Method Blank	Soluble	Solid	300.0	133628
LCS 880-133628/2-A	Lab Control Sample	Soluble	Solid	300.0	133628
LCSD 880-133628/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	133628
890-9569-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	133628
890-9569-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	133628

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Lab Chronicle

Client: Ensolum
 Project/Site: Dog Town Draw PW Booster

Job ID: 890-9568-1
 SDG: 03C1558768

Client Sample ID: SS07
Date Collected: 02/27/26 08:43
Date Received: 02/27/26 16:20

Lab Sample ID: 890-9568-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	133791	03/04/26 10:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133748	03/05/26 05:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133962	03/05/26 05:48	AJ	EET MID
Total/NA	Analysis	8015 NM		1			134219	03/06/26 18:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	133718	03/03/26 17:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134070	03/06/26 18:17	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	133628	03/03/26 09:41	SA	EET MID
Soluble	Analysis	300.0		1			133789	03/04/26 11:44	CS	EET MID

Client Sample ID: SS08
Date Collected: 02/27/26 08:45
Date Received: 02/27/26 16:20

Lab Sample ID: 890-9568-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	133791	03/04/26 10:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133748	03/05/26 06:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133962	03/05/26 06:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			134219	03/06/26 18:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	133718	03/03/26 17:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134070	03/06/26 18:33	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	133628	03/03/26 09:41	SA	EET MID
Soluble	Analysis	300.0		1			133789	03/04/26 11:51	CS	EET MID

Client Sample ID: SS09
Date Collected: 02/27/26 08:47
Date Received: 02/27/26 16:20

Lab Sample ID: 890-9568-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	133791	03/04/26 10:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133748	03/05/26 06:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133962	03/05/26 06:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			134219	03/06/26 18:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	133718	03/03/26 17:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134070	03/06/26 18:48	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	133628	03/03/26 09:41	SA	EET MID
Soluble	Analysis	300.0		1			133789	03/04/26 11:58	CS	EET MID

Client Sample ID: CS01
Date Collected: 02/27/26 09:10
Date Received: 02/27/26 16:20

Lab Sample ID: 890-9568-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	133791	03/04/26 10:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133748	03/05/26 06:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133962	03/05/26 06:50	AJ	EET MID

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Lab Chronicle

Client: Ensolum
Project/Site: Dog Town Draw PW Booster

Job ID: 890-9568-1
SDG: 03C1558768

Client Sample ID: CS01
Date Collected: 02/27/26 09:10
Date Received: 02/27/26 16:20

Lab Sample ID: 890-9568-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			134219	03/06/26 19:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	133718	03/03/26 17:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134070	03/06/26 19:03	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	133628	03/03/26 09:41	SA	EET MID
Soluble	Analysis	300.0		1			133789	03/04/26 12:04	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: Dog Town Draw PW Booster

Job ID: 890-9568-1
SDG: 03C1558768

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: Dog Town Draw PW Booster

Job ID: 890-9568-1
SDG: 03C1558768

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: Dog Town Draw PW Booster

Job ID: 890-9568-1
SDG: 03C1558768

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9568-1	SS07	Solid	02/27/26 08:43	02/27/26 16:20	New Mexico
890-9568-2	SS08	Solid	02/27/26 08:45	02/27/26 16:20	New Mexico
890-9568-3	SS09	Solid	02/27/26 08:47	02/27/26 16:20	New Mexico
890-9568-4	CS01	Solid	02/27/26 09:10	02/27/26 16:20	New Mexico

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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



W

890-9568 Chain of Custody

Project Manager: Tracy Hillard		Bill to: (if different) Robert Woodall	
Company Name: Ensolum		Company Name: XTO Energy, Inc	
Address: 3122 National Parks Hwy		Address: 3104 E Greene St	
City, State ZIP: Carlsbad, NM 88220		City, State ZIP: Carlsbad, NM 88220	
Phone: 575 937 3406		Email: tracy.hillard@xenco.com; robert.woodall@xenco.com	

Project Name: Dog Town Draw PW Booster	Turn Around: <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST	Preservative Codes
Project Number: 03C1558 766	Due Date: 5 day			None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Project Location: 32.1657394, -103.8765763	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name: Joshua Boxley				
PO #:				

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters			Sample Comments
							CHLORIDES (EPA: 300.0)	TPH	BTEX	
5507	Soil	2.27.26	0843	Surface Grab	1				Incident ID: APP2529655709	
5508	↓	↓	0845	↓	1				CC: 1061711001	
5509	↓	↓	0847	↓	1				GFCM: 48605000 - spills	
6501	Soil	2.27.26	0910	Surface Comp	1					

Total 200.7 / 6010 200.8 / 6020:	8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed	TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

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

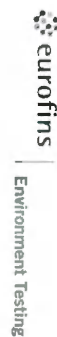
Relinquished by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	2/27/16
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Eurofins Carlsbad

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

Chain of Custody Record



Client Information (Sub Contract Lab)

Client Contact: N/A
Shipping/Receiving: N/A
Company: Eurofins Environment Testing South Cent

Sampler: N/A
Phone: N/A

Lab P#: Kramer, Jessica
E-Mail: Jessica.Kramer@et.eurofins.com

Carrier Tracking No(s): N/A
State of Origin: New Mexico

COC No: 890-6576-1
Page: Page 1 of 1
Job #: 890-9568-1

Address: 1211 W. Florida Ave.
City: Midland
State, zip: TX, 79701
Phone: 432-704-5440(Tel)
Email: N/A
Project Name: Dog Town Draw PW Booster
Site: N/A

Date Date Requested: 3/5/2026
TAT Requested (days): N/A

Analysis Requested

Preservation Codes:

PO #: N/A
WO #: N/A
Project #: 89000110
SSOW#: N/A

Sample Identification - Client ID (Lab ID)

Sample ID	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=solid, O=Overseal, BT=Blank, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep(MOD) Full TPH	8015MOD_Calc	300_ORGFM_28/DI_LEACHChloride	8021B/8035FFP_Calc(MOD) BTEX	Total_BTEX_GCV	Total Number of containers	Special Instructions/Note:
SS07 (890-9568-1)	2/27/26	08:43	G	Solid	X	X	X	X	X	X	X	1	
SS08 (890-9568-2)	2/27/26	08:45	G	Solid	X	X	X	X	X	X	X	1	
SS09 (890-9568-3)	2/27/26	08:47	G	Solid	X	X	X	X	X	X	X	1	
SS01 (890-9568-4)	2/27/26	09:10	G	Solid	X	X	X	X	X	X	X	1	

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

Possible Hazard Identification

Unconfirmed
Deliverable Requested: I, II, III, IV, Other (Specify) Primary Deliverable Rank: 2

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months
Special Instructions/QC Requirements:

Empty Kit Relinquished by:

Date/Time:

Date:

Company:

Time:

Received by:

Method of Shipment:

Date/Time:

Company:

Relinquished by:

Date/Time:

Company:

Received by:

Date/Time:

Company:

Relinquished by:

Date/Time:

Company:

Received by:

Date/Time:

Company:

Custody Seals Intact: A Yes Δ No

Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9568-1
SDG Number: 03C1558768

Login Number: 9568
List Number: 1
Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

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

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Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9568-1
SDG Number: 03C1558768

Login Number: 9568
List Number: 2
Creator: Dyal, Erica

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

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

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APPENDIX F

Spill Volume Calculation

Location:	1st Spine Booster	
Spill Date:	10/22/2025	
Incident #:	nAPP2529655909	
Area 1		
Approximate Area =	1409	sq. ft.
Average Saturation (or depth) of spill =	0.25	inches
Average Porosity Factor =	0.2	
VOLUME OF LEAK		
Total Crude Oil =		bbls
Total Produced Water =	1.05	bbls
Area 2		
Approximate Area =	1543	sq. ft.
Average Saturation (or depth) of spill =	0.1	inches
VOLUME OF LEAK		
Total Crude Oil =		bbls
Total Produced Water =	40	bbls
TOTAL VOLUME OF LEAK		
Total Crude Oil =		bbls
Total Produced Water =	41.05	bbls
TOTAL VOLUME RECOVERED		
Total Crude Oil =		bbls
Total Produced Water =	40	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 519629

QUESTIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 519629
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2529655909
Incident Name	NAPP2529655909 1ST SPINE BOOSTER @ N-02-25S-30E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	1st Spine Booster
Date Release Discovered	10/22/2025
Surface Owner	State

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<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	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pump Produced Water Released: 41 BBL Recovered: 40 BBL Lost: 1 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)	This release was totaled at 2,952 square feet, (1,543 square feet of lined containment with 40 bbls of produced water recovered, and 1,231.5 sq feet with a saturation depth of 0.25 inches was released on pre-disturbed pipeline ROW and 177.5 released in undisturbed pasture.

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**State of New Mexico
Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
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QUESTIONS, Page 2

Action 519629

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 519629
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEvnNotifications@exxonmobil.com Date: 10/23/2025
--	---

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

QUESTIONS, Page 3

Action 519629

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 519629
	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
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

CONDITIONS

Action 519629

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 519629
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	None	10/24/2025

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 569187

QUESTIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 569187
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2529655909
Incident Name	NAPP2529655909 DOG TOWN DRAW PW BOOSTER @ N-02-25S-30E
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	DOG TOWN DRAW PW BOOSTER
Date Release Discovered	10/22/2025
Surface Owner	State

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<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	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pump Produced Water Released: 41 BBL Recovered: 40 BBL Lost: 1 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)	This release was totaled at 2,952 square feet, (1,543 square feet of lined containment with 40 bbls of produced water recovered, and 1,231.5 sq feet with a saturation depth of 0.25 inches was released on pre-disturbed pipeline ROW and 177.5 released in undisturbed pasture.

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

QUESTIONS, Page 2

Action 569187

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 569187
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEEnvNotifications@exxonmobil.com Date: 03/31/2026
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General Information
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Online Phone Directory
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 3

Action 569187

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 569187
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 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 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

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

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

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

Chloride (EPA 300.0 or SM4500 Cl B)	3820
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	11/07/2025
On what date will (or did) the final sampling or liner inspection occur	02/27/2026
On what date will (or was) the remediation complete(d)	02/27/2026
What is the estimated surface area (in square feet) that will be reclaimed	1600
What is the estimated volume (in cubic yards) that will be reclaimed	80
What is the estimated surface area (in square feet) that will be remediated	1600
What is the estimated volume (in cubic yards) that will be remediated	80

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 569187

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 569187
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

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

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

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

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

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

I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 03/31/2026
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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 569187

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 569187
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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	No

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QUESTIONS, Page 6

Action 569187

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 569187
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	557378
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/27/2026
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	1000

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1600
What was the total volume (cubic yards) remediated	80
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	1600
What was the total volume (in cubic yards) reclaimed	80
Summarize any additional remediation activities not included by answers (above)	"Site assessment, delineation, and excavation activities were conducted at the Site to address the October 2025, release of produced water. Laboratory analytical results for the confirmation soil samples collected from the final excavation extent indicated that all COC concentrations were compliant with the Closure Criteria and reclamation requirements. Based on the soil sample analytical results, no further remediation was required. XTO will backfill the excavation with material purchased locally and recontour the Site to match pre-existing Site conditions. All disturbed pasture areas will be reseeded with a SLO approved seed mix in the next recommended planting season and a reclamation report will be submitted. Excavation of waste-containing soil has mitigated potential impacts at this Site. Depth to groundwater has been estimated to be greater than 100 feet bgs. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests closure for Incident Number nAPP2516450474. "

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 03/31/2026
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QUESTIONS, Page 7

Action 569187

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 569187
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 569187

CONDITIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 569187
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #nAPP2529655909 DOG TOWN DRAW PW BOOSTER, thank you. This Remediation Closure Report is approved.	4/1/2026