



February 19, 2026

New Mexico Oil Conservation Division

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

**Re: Closure Request
Poker Lake Unit 29 Big Sinks 124H
Incident Number nAPP2533524806
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, excavation, and soil sampling activities at the Poker Lake Unit 29 Big Sinks 124H (Site). The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following a release of produced water and crude oil. Based on field observations, field screening activities, and soil sample laboratory analytical results, XTO is submitting this *Closure Request*, describing remedial activities that have occurred and requesting no further action for Incident Number nAPP2533524806.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit F, Section 29, Township 25 South, Range 31 East, in Eddy County, New Mexico (32.102546°, -103.802436°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On November 27, 2025, equipment failure of a subsurface pipeline resulted in the release of approximately 16 barrels (bbls) of produced water and 2 bbls of crude oil onto the surface of the pad. No released fluids were recovered. XTO submitted a Notification of Release (NOR) and an Initial C-141 Application (C-141) on December 1, 2025. The release was assigned Incident Number nAPP2533524806.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

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

Depth to groundwater at the Site is estimated to be greater than 50 feet below ground surface (bgs) based on a soil boring drilled to investigate regional groundwater depth. On May 29, 2024, soil boring C-4826, permitted by New Mexico Office of the State Engineer, was completed approximately 1,036 feet northeast of the Site utilizing air rotary drilling method. Soil boring C-4826 was drilled to a depth of 55 feet bgs with no groundwater encountered following the standard 72-hour waiting period. The borehole was properly abandoned with hydrated bentonite chips. The Well Record & Log and Plugging Record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a dry wash, located approximately 7,762 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 potentially unstable geology (low potential karst designation area). Potential Site receptors are identified on Figure 1.

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

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

SITE ASSESSMENT ACTIVITIES

On November 28, 2025, Ensolum personnel visited the Site to evaluate the release extent based on information provided and visual observations following excavation for subsurface line repair. The release extent area was mapped utilizing a handheld Global Positioning System (GPS) unit and is depicted on Figure 2. Photographic documentation was collected and a photographic log is provided in Appendix B. Based on surficial staining of the release extent area, delineation and excavation activities appeared warranted.

CONFIRMATION AND DELINEATION SOIL SAMPLING ACTIVITIES

On December 29, 2025, Ensolum personnel were at the Site to conduct confirmation sampling activities following the removal of impacted soil during the line repair activities. Ensolum personnel collected 5-point composite soil samples representing no more than 200 square feet from the sidewall and floor of the excavation from line repair activities. 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 sample FS01 was collected from the floor of the excavation at depth of 4 feet bgs. Confirmation sidewall soil sample SW01 was collected from the sidewall of the excavation at depths ranging from ground surface to 4 feet bgs. On January 21, 2026, Ensolum personnel returned to collect lateral delineation soil samples, SS01 through SS04, once the line repair operations were completed and it was safe to access the Site. All soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and for chloride utilizing Hach® chloride QuanTab® test strips. The sample locations were mapped utilizing the GPS system and are depicted on Figure 2.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Eurofins Laboratories (Eurofins) in Carlsbad, New Mexico, for analysis of the following contaminants of concern (COCs): BTEX following United States

XTO Energy, Inc
Closure Request
Poker Lake Unit 29 Big Sinks 124H



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.

The final excavation extent measured approximately 80 square feet. A total of approximately 12 cubic yards of impacted soil were removed during the line repair excavation activities. The impacted soil was transported and properly disposed of at the R360 Halfway Disposal in Hobbs, New Mexico.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for all soil samples collected indicated all COC concentrations were compliant with the Closure Criteria. Delineation soil samples SS01 through SS04 were in compliance with reclamation requirements, 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 C.

CLOSURE REQUEST

Site assessment and soil sampling activities were conducted at the Site to address the November 2025 release of produced water and crude oil. Laboratory analytical results for the soil samples, collected from the excavation, indicated all COC concentrations were compliant with the Closure Criteria. Based on the soil sample analytical results, no further remediation was required.

Laboratory analytical results indicated all COCs were in compliance with Closure Criteria. Depth to groundwater has been estimated to be greater than 50 feet bgs and no other sensitive receptors were identified near the Site. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests closure for Incident Number nAPP2533524806.

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, PG
Associate Principal

cc: Robert Woodall, XTO
Richard Kotzur, XTO
BLM

Appendices:

- Figure 1 Site Receptor Map
- Figure 2 Soil Sample Locations
- Table 1 Soil Sample Analytical Results
- Appendix A Referenced Well Records

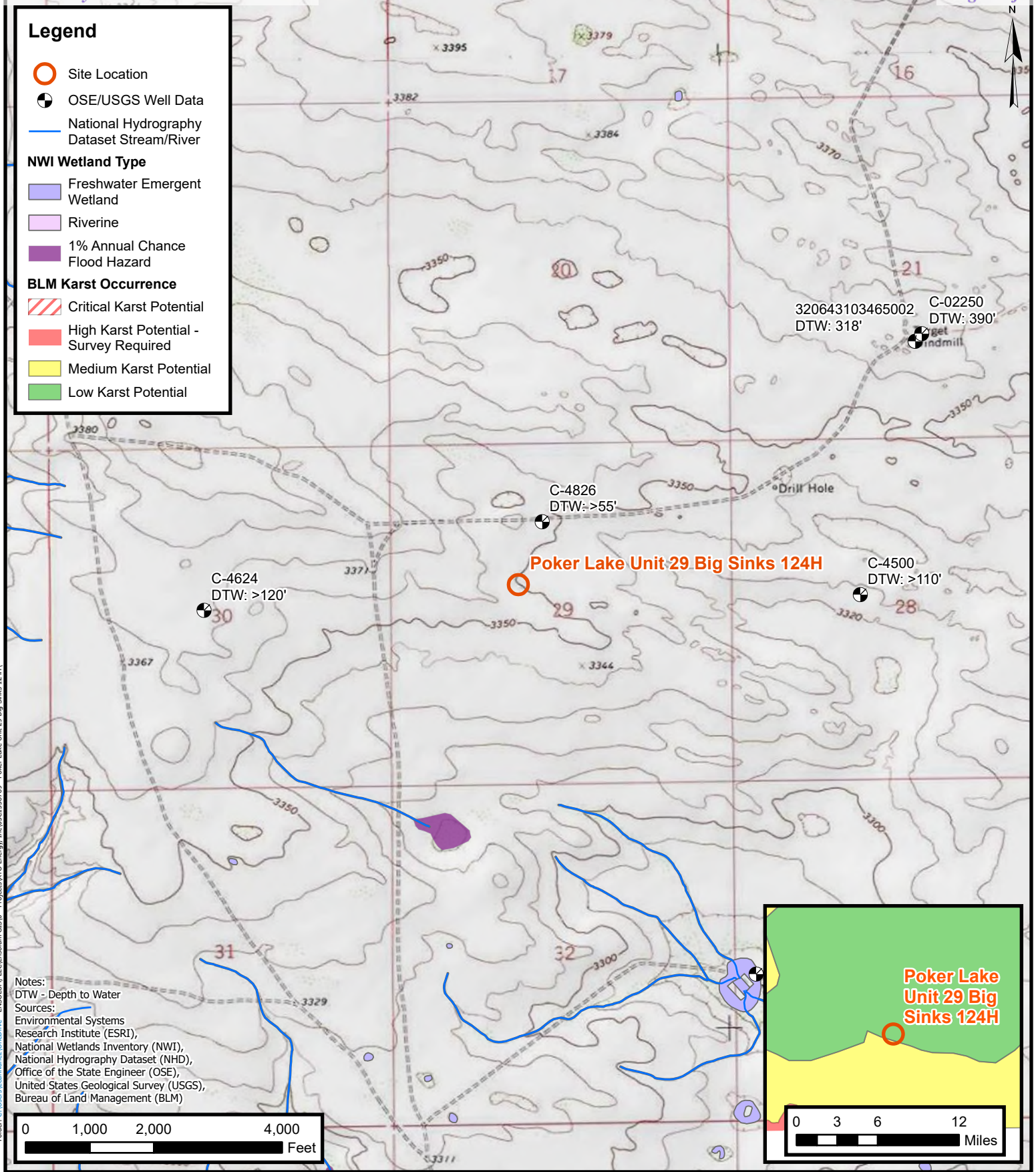
XTO Energy, Inc
Closure Request
Poker Lake Unit 29 Big Sinks 124H



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- Appendix B Photographic Log
 - Appendix C Laboratory Analytical Reports & Chain-of-Custody Documentation
 - Appendix D Spill Volume Calculation



FIGURES

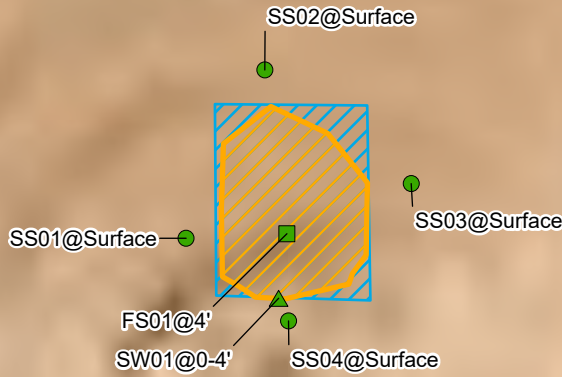


Site Receptor Map
XTO Energy, Inc
Poker Lake Unit 29 Big Sinks 124H
Incident Number: nAPP2533524806
Unit F, Section 29, T 25S, R 31E
Eddy County, New Mexico

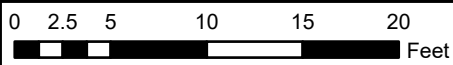
FIGURE 1

Legend

- Excavation Floor Sample in Compliance with Closure Criteria
- ▲ Excavation Sidewall Sample in Compliance with Closure Criteria
- Delineation Soil Sample in Compliance with Closure Criteria
- ▨ Release Extent
- ▩ Excavation Extent



Notes:
 Sample ID @ Depth Below Ground Surface.



Sources: Environmental Systems Research Institute (ESRI)



Soil Sample Locations

XTO Energy, Inc
 Poker Lake Unit 29 Big Sinks 124H
 Incident Number: nAPP2533524806
 Unit F, Section 29, T 25S, R 31E
 Eddy County, New Mexico

FIGURE

2



TABLES



**TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Poker Lake Unit 29 Big Sinks 124H
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	10,000
Delineation Soil Samples										
SS01	1/21/2026	Surface	<0.00201	0.0349	<50.0	<50.0	<50.0	<50.0	<50.0	103
SS02	1/21/2026	Surface	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	113
SS03	1/21/2026	Surface	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	104
SS04	1/21/2026	Surface	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	170
Confirmation Soil Samples										
FS01	12/29/2025	4	0.00609	0.300	<49.9	232	<49.9	232	232	1,770
SW01	12/29/2025	0 - 4	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	744

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

OCCLDT JUN 5 2024 14:00

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) C-4826		WELL TAG ID NO.		OSE FILE NO(S) C-4826-POD1	
	WELL OWNER NAME(S) XTO Energy				PHONE (OPTIONAL)	
	WELL OWNER MAILING ADDRESS 3104 E. Greene Street				CITY Carlsbad	STATE NM
					ZIP 88220	
WELL LOCATION (FROM GPS)		DEGREES 32	MINUTES 06	SECONDS 18.7344	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND
		LONGITUDE -103	48	04.230	W	* DATUM REQUIRED: WGS 84
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE						

2. DRILLING & CASING INFORMATION	LICENSE NO. 1833		NAME OF LICENSED DRILLER Jason Maley			NAME OF WELL DRILLING COMPANY Vision Resources		
	DRILLING STARTED 5-29-24		DRILLING ENDED 5-29-24	DEPTH OF COMPLETED WELL (FT) 55'		BORE HOLE DEPTH (FT) 55'	DEPTH WATER FIRST ENCOUNTERED (FT) N/A	
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) 0'	DATE STATIC MEASURED 5-29-24	
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:						CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>	
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	45	6"	PVC 2" SCH40	Thread	2"	SCH40	N/A
	45	55	6"	PVC 2" SCH40	Thread	2"	SCH40	.02

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
				None pulled and plugged		

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)			
FILE NO.	C-4826	POD NO.	1	TRN NO.	758878
LOCATION	255.31E.29	WELL TAG ID NO.	421	PAGE 1 OF 2	



PLUGGING RECORD



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

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-4826 POD 1
Well owner: XTO Energy Phone No.: _____
Mailing address: 3104 E. Greene Street
City: Carlsbad State: NM Zip code: 88220

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Vision Resources
- 2) New Mexico Well Driller License No.: 1833 Expiration Date: 10-7-25
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):
Jason Maley
- 4) Date well plugging began: 6-3-24 Date well plugging concluded: 6-3-24
- 5) GPS Well Location: Latitude: 32 deg, 06 min, 18.7344 sec
Longitude: -103 deg, 48 min, 04.230 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 55 ft below ground level (bgl),
by the following manner: Tape
- 7) Static water level measured at initiation of plugging: Dry ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 03-14-2024
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

OCD OFF JUN 5 2024 11:05

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

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
0	Wyoming Bentonite	77.50	77.50	Tremie Pipe Open hole	
55'					

OCD 011 JUN 5 2024 PM 1:05

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

III. SIGNATURE:

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

Signature of Well Driller

6/3/24
Date





APPENDIX B

Photographic Log

Photographic Log

XTO Energy, Inc
 Poker Lake Unit 29 Big Sinks 124H
 nAPP2533524806

<p><u>Photograph</u> 1</p>	<p><u>Date</u> 11/28/2025</p>	<div data-bbox="743 331 1268 1031"> <p style="text-align: center;">North West</p> <p style="text-align: center;">☉ 317°NW (T) • 32.102543, -103.802413 ±3m</p>  <p style="text-align: right; font-size: small;">28 Nov 2025 2:38:58 PM</p> </div>
<p><u>Description</u> Initial release staining on pad</p>		
<p><u>View</u> Northwest</p>		
<p><u>Photograph</u> 2</p>	<p><u>Date</u> 12/29/2025</p>	<div data-bbox="532 1045 1481 1759"> <p style="font-size: x-small;">Date & Time: Mon, Dec 29, 2025 at 12:47:12 MST Position: +032.102530° / -103.802488° (±2.8m) Altitude: 1023m (±310m) Datum: WGS-84 Azimuth/Bearing: 081° N81E 1440mils True (±11°) Elevation Angle: -24.1° Horizon Angle: -01.9° Zoom: 1.0X</p>  </div>
<p><u>Description</u> Confirmation sampling activities</p>		
<p><u>View</u> East</p>		

Photographic Log

XTO Energy, Inc
 Poker Lake Unit 29 Big Sinks 124H
 nAPP2533524806

<p>Photograph 3</p>	<p>Date 12/29/2025</p>	<p>Date & Time: Mon, Dec 29, 2025 at 12:47:19 MST Position: +032.102507° / -103.802473° (±2.6m) Altitude: 1028m (±3.0m) Datum: WGS-84 Azimuth/Bearing: 038° N38E 0676mils True (±11°) Elevation Angle: -21.6° Horizon Angle: -00.9° Zoom: 1.0X</p> 
<p>Description Confirmation sampling activities</p>		
<p>View Northeast</p>		
<p>Photograph 4</p>	<p>Date 1/21/2026</p>	<p>Date & Time: Wed, Jan 21, 2026 at 10:12:22 MST Position: +032.102545° / -103.802466° (±4.1m) Altitude: 1025m (±6.9m) Datum: WGS-84 Azimuth/Bearing: 041° N41E 0729mils True (±11°) Elevation Angle: -14.0° Horizon Angle: +01.0° Zoom: 1.0X</p> 
<p>Description Lateral sampling activities</p>		
<p>View Northeast</p>		



APPENDIX C

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 1/29/2026 3:14:35 PM

JOB DESCRIPTION

POKER LAKE UNIT 29 BS 124H
 03C1558789

JOB NUMBER

890-9387-1

Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad NM 88220



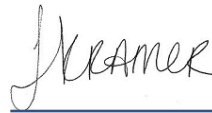
Eurofins Carlsbad

Job Notes

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

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

Authorization



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

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Client: Ensolum
Project/Site: POKER LAKE UNIT 29 BS 124H

Laboratory Job ID: 890-9387-1
SDG: 03C1558789

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Definitions/Glossary

Client: Ensolum
 Project/Site: POKER LAKE UNIT 29 BS 124H

Job ID: 890-9387-1
 SDG: 03C1558789

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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: POKER LAKE UNIT 29 BS 124H

Job ID: 890-9387-1

Job ID: 890-9387-1

Eurofins Carlsbad

Job Narrative 890-9387-1

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

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

Receipt

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

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-9387-1), SS 02 (890-9387-2), SS 03 (890-9387-3) and SS 04 (890-9387-4).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 01 (890-9387-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (MB 880-129421/1-A) and (890-9381-A-5-C MSD). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-129727 and analytical batch 880-129911 were outside control limits for Chloride . 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.

The associated samples are: SS 04 (890-9387-4), (880-67328-A-143-A), (880-67328-A-143-B MS) and (880-67328-A-143-C MSD).

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-129727 and analytical batch 880-129911 were outside control limits for Chloride . 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.

The associated samples are: SS 01 (890-9387-1), SS 02 (890-9387-2), SS 03 (890-9387-3), (880-67328-A-153-A), (880-67328-A-153-B MS) and (880-67328-A-153-C MSD).

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: POKER LAKE UNIT 29 BS 124H

Job ID: 890-9387-1
SDG: 03C1558789

Client Sample ID: SS 01

Lab Sample ID: 890-9387-1

Date Collected: 01/21/26 08:47

Matrix: Solid

Date Received: 01/21/26 12:25

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		01/29/26 08:22	01/29/26 13:17	1
Toluene	0.00287		0.00201	mg/Kg		01/29/26 08:22	01/29/26 13:17	1
Ethylbenzene	0.00439		0.00201	mg/Kg		01/29/26 08:22	01/29/26 13:17	1
m-Xylene & p-Xylene	0.0128		0.00402	mg/Kg		01/29/26 08:22	01/29/26 13:17	1
o-Xylene	0.0148		0.00201	mg/Kg		01/29/26 08:22	01/29/26 13:17	1
Xylenes, Total	0.0276		0.00402	mg/Kg		01/29/26 08:22	01/29/26 13:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	166	S1+	70 - 130	01/29/26 08:22	01/29/26 13:17	1
1,4-Difluorobenzene (Surr)	101		70 - 130	01/29/26 08:22	01/29/26 13:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0349		0.00402	mg/Kg			01/29/26 13:17	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			01/24/26 09:03	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		01/20/26 09:51	01/24/26 09:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/20/26 09:51	01/24/26 09:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/20/26 09:51	01/24/26 09:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	01/20/26 09:51	01/24/26 09:03	1
o-Terphenyl	99		70 - 130	01/20/26 09:51	01/24/26 09:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	103		10.1	mg/Kg			01/26/26 16:36	1

Client Sample ID: SS 02

Lab Sample ID: 890-9387-2

Date Collected: 01/21/26 08:55

Matrix: Solid

Date Received: 01/21/26 12:25

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		01/29/26 08:22	01/29/26 13:38	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/29/26 08:22	01/29/26 13:38	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/29/26 08:22	01/29/26 13:38	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		01/29/26 08:22	01/29/26 13:38	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/29/26 08:22	01/29/26 13:38	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		01/29/26 08:22	01/29/26 13:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	01/29/26 08:22	01/29/26 13:38	1

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Client Sample Results

Client: Ensolum
 Project/Site: POKER LAKE UNIT 29 BS 124H

Job ID: 890-9387-1
 SDG: 03C1558789

Client Sample ID: SS 02

Lab Sample ID: 890-9387-2

Date Collected: 01/21/26 08:55

Matrix: Solid

Date Received: 01/21/26 12:25

Sample Depth: SURFACE

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	93		70 - 130	01/29/26 08:22	01/29/26 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			01/29/26 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			01/24/26 09:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/20/26 09:51	01/24/26 09:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/20/26 09:51	01/24/26 09:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/20/26 09:51	01/24/26 09:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	01/20/26 09:51	01/24/26 09:23	1
o-Terphenyl	105		70 - 130	01/20/26 09:51	01/24/26 09:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	113		9.94	mg/Kg			01/26/26 16:41	1

Client Sample ID: SS 03

Lab Sample ID: 890-9387-3

Date Collected: 01/21/26 08:59

Matrix: Solid

Date Received: 01/21/26 12:25

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		01/29/26 08:22	01/29/26 13:58	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/29/26 08:22	01/29/26 13:58	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/29/26 08:22	01/29/26 13:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/29/26 08:22	01/29/26 13:58	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/29/26 08:22	01/29/26 13:58	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/29/26 08:22	01/29/26 13:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	01/29/26 08:22	01/29/26 13:58	1
1,4-Difluorobenzene (Surr)	93		70 - 130	01/29/26 08:22	01/29/26 13:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/29/26 13:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/26 09:43	1

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Client Sample Results

Client: Ensolum
 Project/Site: POKER LAKE UNIT 29 BS 124H

Job ID: 890-9387-1
 SDG: 03C1558789

Client Sample ID: SS 03

Lab Sample ID: 890-9387-3

Date Collected: 01/21/26 08:59

Matrix: Solid

Date Received: 01/21/26 12:25

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		01/20/26 09:51	01/24/26 09:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/20/26 09:51	01/24/26 09:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/20/26 09:51	01/24/26 09:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130			01/20/26 09:51	01/24/26 09:43	1
o-Terphenyl	110		70 - 130			01/20/26 09:51	01/24/26 09:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		9.96	mg/Kg			01/26/26 16:46	1

Client Sample ID: SS 04

Lab Sample ID: 890-9387-4

Date Collected: 01/21/26 09:52

Matrix: Solid

Date Received: 01/21/26 12:25

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		01/29/26 08:22	01/29/26 14:19	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/29/26 08:22	01/29/26 14:19	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/29/26 08:22	01/29/26 14:19	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		01/29/26 08:22	01/29/26 14:19	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/29/26 08:22	01/29/26 14:19	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/29/26 08:22	01/29/26 14:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130			01/29/26 08:22	01/29/26 14:19	1
1,4-Difluorobenzene (Surr)	92		70 - 130			01/29/26 08:22	01/29/26 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			01/29/26 14:19	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			01/24/26 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		01/20/26 09:51	01/24/26 10:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/20/26 09:51	01/24/26 10:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/20/26 09:51	01/24/26 10:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130			01/20/26 09:51	01/24/26 10:03	1
o-Terphenyl	105		70 - 130			01/20/26 09:51	01/24/26 10:03	1

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Client Sample Results

Client: Ensolum
Project/Site: POKER LAKE UNIT 29 BS 124H

Job ID: 890-9387-1
SDG: 03C1558789

Client Sample ID: SS 04

Lab Sample ID: 890-9387-4

Date Collected: 01/21/26 09:52

Matrix: Solid

Date Received: 01/21/26 12:25

Sample Depth: SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	170		9.92	mg/Kg			01/26/26 14:48	1

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

Surrogate Summary

Client: Ensolum
 Project/Site: POKER LAKE UNIT 29 BS 124H

Job ID: 890-9387-1
 SDG: 03C1558789

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-67487-A-1-C MS	Matrix Spike	121	91
880-67487-A-1-D MSD	Matrix Spike Duplicate	120	91
890-9387-1	SS 01	166 S1+	101
890-9387-2	SS 02	128	93
890-9387-3	SS 03	124	93
890-9387-4	SS 04	124	92
LCS 880-130202/1-A	Lab Control Sample	116	94
LCS 880-130202/2-A	Lab Control Sample Dup	118	95
MB 880-130202/5-A	Method Blank	114	90

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

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-9381-A-5-B MS	Matrix Spike	116	111
890-9381-A-5-C MSD	Matrix Spike Duplicate	143 S1+	113
890-9387-1	SS 01	116	99
890-9387-2	SS 02	121	105
890-9387-3	SS 03	129	110
890-9387-4	SS 04	121	105
LCS 880-129421/2-A	Lab Control Sample	130	93
LCS 880-129421/3-A	Lab Control Sample Dup	104	94
MB 880-129421/1-A	Method Blank	151 S1+	127

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

QC Sample Results

Client: Ensolum
 Project/Site: POKER LAKE UNIT 29 BS 124H

Job ID: 890-9387-1
 SDG: 03C1558789

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-130202/5-A
 Matrix: Solid
 Analysis Batch: 130197

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 130202

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/29/26 08:22	01/29/26 10:53	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/29/26 08:22	01/29/26 10:53	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/29/26 08:22	01/29/26 10:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/29/26 08:22	01/29/26 10:53	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/29/26 08:22	01/29/26 10:53	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/29/26 08:22	01/29/26 10:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	01/29/26 08:22	01/29/26 10:53	1
1,4-Difluorobenzene (Surr)	90		70 - 130	01/29/26 08:22	01/29/26 10:53	1

Lab Sample ID: LCS 880-130202/1-A
 Matrix: Solid
 Analysis Batch: 130197

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 130202

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1105		mg/Kg		110	70 - 130
Toluene	0.100	0.09771		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.1035		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	0.200	0.1985		mg/Kg		99	70 - 130
o-Xylene	0.100	0.1021		mg/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-130202/2-A
 Matrix: Solid
 Analysis Batch: 130197

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 130202

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1133		mg/Kg		113	70 - 130	2	35
Toluene	0.100	0.1001		mg/Kg		100	70 - 130	2	35
Ethylbenzene	0.100	0.1056		mg/Kg		106	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2040		mg/Kg		102	70 - 130	3	35
o-Xylene	0.100	0.1052		mg/Kg		105	70 - 130	3	35

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

Lab Sample ID: 880-67487-A-1-C MS
 Matrix: Solid
 Analysis Batch: 130197

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 130202

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08591		mg/Kg		86	70 - 130
Toluene	<0.00200	U	0.100	0.07999		mg/Kg		80	70 - 130

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QC Sample Results

Client: Ensolum
Project/Site: POKER LAKE UNIT 29 BS 124H

Job ID: 890-9387-1
SDG: 03C1558789

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

Lab Sample ID: 880-67487-A-1-C MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 130197

Prep Batch: 130202

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U	0.100	0.08810		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1734		mg/Kg		87	70 - 130
o-Xylene	<0.00200	U	0.100	0.08981		mg/Kg		90	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 880-67487-A-1-D MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 130197

Prep Batch: 130202

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U	0.100	0.09510		mg/Kg		95	70 - 130	10	35
Toluene	<0.00200	U	0.100	0.08645		mg/Kg		86	70 - 130	8	35
Ethylbenzene	<0.00200	U	0.100	0.09197		mg/Kg		92	70 - 130	4	35
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1786		mg/Kg		89	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.09252		mg/Kg		93	70 - 130	3	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

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

Lab Sample ID: MB 880-129421/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 129764

Prep Batch: 129421

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		01/20/26 09:51	01/24/26 03:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/20/26 09:51	01/24/26 03:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/20/26 09:51	01/24/26 03:23	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	151	S1+	70 - 130	01/20/26 09:51	01/24/26 03:23	1
o-Terphenyl	127		70 - 130	01/20/26 09:51	01/24/26 03:23	1

Lab Sample ID: LCS 880-129421/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 129764

Prep Batch: 129421

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	929.0		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	1000	830.5		mg/Kg		83	70 - 130

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QC Sample Results

Client: Ensolum
Project/Site: POKER LAKE UNIT 29 BS 124H

Job ID: 890-9387-1
SDG: 03C1558789

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

Lab Sample ID: LCS 880-129421/2-A
Matrix: Solid
Analysis Batch: 129764

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 129421

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

Lab Sample ID: LCSD 880-129421/3-A
Matrix: Solid
Analysis Batch: 129764

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 129421

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	876.7		mg/Kg		88	70 - 130	6		20
Diesel Range Organics (Over C10-C28)	1000	875.4		mg/Kg		88	70 - 130	5		20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	104		70 - 130
o-Terphenyl	94		70 - 130

Lab Sample ID: 890-9381-A-5-B MS
Matrix: Solid
Analysis Batch: 129764

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 129421

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1026		mg/Kg		102	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	956.2		mg/Kg		96	70 - 130	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	116		70 - 130
o-Terphenyl	111		70 - 130

Lab Sample ID: 890-9381-A-5-C MSD
Matrix: Solid
Analysis Batch: 129764

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 129421

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	975.6		mg/Kg		97	70 - 130	5		20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	881.1		mg/Kg		88	70 - 130	8		20

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	143	S1+	70 - 130
o-Terphenyl	113		70 - 130

QC Sample Results

Client: Ensolum
 Project/Site: POKER LAKE UNIT 29 BS 124H

Job ID: 890-9387-1
 SDG: 03C1558789

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-129727/1-A
 Matrix: Solid
 Analysis Batch: 129911

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			01/26/26 14:03	1

Lab Sample ID: LCS 880-129727/2-A
 Matrix: Solid
 Analysis Batch: 129911

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	247.9		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-129727/3-A
 Matrix: Solid
 Analysis Batch: 129911

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	247.3		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-67328-A-143-B MS
 Matrix: Solid
 Analysis Batch: 129911

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	3740	F1	1250	5448	F1	mg/Kg		136	90 - 110

Lab Sample ID: 880-67328-A-143-C MSD
 Matrix: Solid
 Analysis Batch: 129911

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	3740	F1	1250	5451	F1	mg/Kg		136	90 - 110	0	20

Lab Sample ID: 880-67328-A-153-B MS
 Matrix: Solid
 Analysis Batch: 129911

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	4100	F1	1240	5650	F1	mg/Kg		125	90 - 110

Lab Sample ID: 880-67328-A-153-C MSD
 Matrix: Solid
 Analysis Batch: 129911

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	4100	F1	1240	5652	F1	mg/Kg		125	90 - 110	0	20

QC Association Summary

Client: Ensolum
Project/Site: POKER LAKE UNIT 29 BS 124H

Job ID: 890-9387-1
SDG: 03C1558789

GC VOA

Analysis Batch: 130197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9387-1	SS 01	Total/NA	Solid	8021B	130202
890-9387-2	SS 02	Total/NA	Solid	8021B	130202
890-9387-3	SS 03	Total/NA	Solid	8021B	130202
890-9387-4	SS 04	Total/NA	Solid	8021B	130202
MB 880-130202/5-A	Method Blank	Total/NA	Solid	8021B	130202
LCS 880-130202/1-A	Lab Control Sample	Total/NA	Solid	8021B	130202
LCS 880-130202/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	130202
880-67487-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	130202
880-67487-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	130202

Prep Batch: 130202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9387-1	SS 01	Total/NA	Solid	5035	
890-9387-2	SS 02	Total/NA	Solid	5035	
890-9387-3	SS 03	Total/NA	Solid	5035	
890-9387-4	SS 04	Total/NA	Solid	5035	
MB 880-130202/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-130202/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 880-130202/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67487-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-67487-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 130313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9387-1	SS 01	Total/NA	Solid	Total BTEX	
890-9387-2	SS 02	Total/NA	Solid	Total BTEX	
890-9387-3	SS 03	Total/NA	Solid	Total BTEX	
890-9387-4	SS 04	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 129421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9387-1	SS 01	Total/NA	Solid	8015NM Prep	
890-9387-2	SS 02	Total/NA	Solid	8015NM Prep	
890-9387-3	SS 03	Total/NA	Solid	8015NM Prep	
890-9387-4	SS 04	Total/NA	Solid	8015NM Prep	
MB 880-129421/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-129421/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCS 880-129421/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9381-A-5-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9381-A-5-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 129764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9387-1	SS 01	Total/NA	Solid	8015B NM	129421
890-9387-2	SS 02	Total/NA	Solid	8015B NM	129421
890-9387-3	SS 03	Total/NA	Solid	8015B NM	129421
890-9387-4	SS 04	Total/NA	Solid	8015B NM	129421
MB 880-129421/1-A	Method Blank	Total/NA	Solid	8015B NM	129421
LCS 880-129421/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	129421

Eurofins Carlsbad

QC Association Summary

Client: Ensolum
 Project/Site: POKER LAKE UNIT 29 BS 124H

Job ID: 890-9387-1
 SDG: 03C1558789

GC Semi VOA (Continued)

Analysis Batch: 129764 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-129421/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	129421
890-9381-A-5-B MS	Matrix Spike	Total/NA	Solid	8015B NM	129421
890-9381-A-5-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	129421

Analysis Batch: 129953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9387-1	SS 01	Total/NA	Solid	8015 NM	
890-9387-2	SS 02	Total/NA	Solid	8015 NM	
890-9387-3	SS 03	Total/NA	Solid	8015 NM	
890-9387-4	SS 04	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 129727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9387-1	SS 01	Soluble	Solid	DI Leach	
890-9387-2	SS 02	Soluble	Solid	DI Leach	
890-9387-3	SS 03	Soluble	Solid	DI Leach	
890-9387-4	SS 04	Soluble	Solid	DI Leach	
MB 880-129727/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-129727/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-129727/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-67328-A-143-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-67328-A-143-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
880-67328-A-153-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-67328-A-153-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 129911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9387-1	SS 01	Soluble	Solid	300.0	129727
890-9387-2	SS 02	Soluble	Solid	300.0	129727
890-9387-3	SS 03	Soluble	Solid	300.0	129727
890-9387-4	SS 04	Soluble	Solid	300.0	129727
MB 880-129727/1-A	Method Blank	Soluble	Solid	300.0	129727
LCS 880-129727/2-A	Lab Control Sample	Soluble	Solid	300.0	129727
LCSD 880-129727/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	129727
880-67328-A-143-B MS	Matrix Spike	Soluble	Solid	300.0	129727
880-67328-A-143-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	129727
880-67328-A-153-B MS	Matrix Spike	Soluble	Solid	300.0	129727
880-67328-A-153-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	129727

Lab Chronicle

Client: Ensolum
 Project/Site: POKER LAKE UNIT 29 BS 124H

Job ID: 890-9387-1
 SDG: 03C1558789

Client Sample ID: SS 01

Lab Sample ID: 890-9387-1

Date Collected: 01/21/26 08:47

Matrix: Solid

Date Received: 01/21/26 12:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	130202	01/29/26 08:22	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130197	01/29/26 13:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130313	01/29/26 13:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			129953	01/24/26 09:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129421	01/20/26 09:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129764	01/24/26 09:03	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	129727	01/22/26 15:48	SA	EET MID
Soluble	Analysis	300.0		1			129911	01/26/26 16:36	SMC	EET MID

Client Sample ID: SS 02

Lab Sample ID: 890-9387-2

Date Collected: 01/21/26 08:55

Matrix: Solid

Date Received: 01/21/26 12:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130202	01/29/26 08:22	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130197	01/29/26 13:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130313	01/29/26 13:38	AJ	EET MID
Total/NA	Analysis	8015 NM		1			129953	01/24/26 09:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	129421	01/20/26 09:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129764	01/24/26 09:23	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	129727	01/22/26 15:48	SA	EET MID
Soluble	Analysis	300.0		1			129911	01/26/26 16:41	SMC	EET MID

Client Sample ID: SS 03

Lab Sample ID: 890-9387-3

Date Collected: 01/21/26 08:59

Matrix: Solid

Date Received: 01/21/26 12:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130202	01/29/26 08:22	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130197	01/29/26 13:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130313	01/29/26 13:58	AJ	EET MID
Total/NA	Analysis	8015 NM		1			129953	01/24/26 09:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129421	01/20/26 09:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129764	01/24/26 09:43	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	129727	01/22/26 15:48	SA	EET MID
Soluble	Analysis	300.0		1			129911	01/26/26 16:46	SMC	EET MID

Client Sample ID: SS 04

Lab Sample ID: 890-9387-4

Date Collected: 01/21/26 09:52

Matrix: Solid

Date Received: 01/21/26 12:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	130202	01/29/26 08:22	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130197	01/29/26 14:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130313	01/29/26 14:19	AJ	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
 Project/Site: POKER LAKE UNIT 29 BS 124H

Job ID: 890-9387-1
 SDG: 03C1558789

Client Sample ID: SS 04
Date Collected: 01/21/26 09:52
Date Received: 01/21/26 12:25

Lab Sample ID: 890-9387-4
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			129953	01/24/26 10:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129421	01/20/26 09:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129764	01/24/26 10:03	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	129727	01/22/26 15:48	SA	EET MID
Soluble	Analysis	300.0		1			129911	01/26/26 14:48	SMC	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: POKER LAKE UNIT 29 BS 124H

Job ID: 890-9387-1
SDG: 03C1558789

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: POKER LAKE UNIT 29 BS 124H

Job ID: 890-9387-1
SDG: 03C1558789

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: POKER LAKE UNIT 29 BS 124H

Job ID: 890-9387-1
SDG: 03C1558789

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9387-1	SS 01	Solid	01/21/26 08:47	01/21/26 12:25	SURFACE
890-9387-2	SS 02	Solid	01/21/26 08:55	01/21/26 12:25	SURFACE
890-9387-3	SS 03	Solid	01/21/26 08:59	01/21/26 12:25	SURFACE
890-9387-4	SS 04	Solid	01/21/26 09:52	01/21/26 12:25	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

Work Order Comments

Program: US/PTST PRP Brownfields RRC Superfund

State of Project: _____

Reporting: Level II Level III PST/UST TRRP Level IV

Deliverables: EDD ADaPT Other: _____

Project Manager: Tracy Hillard Bill to: (if different) DALE WOODALL

Company Name: Ensolum LLC Company Name: XTO ENERGY, INC

Address: 3122 National Parks Hwy Address: 5104 E GREENE ST

City, State ZIP: Carlsbad, NM 88220 City, State ZIP: CARLSBAD, NM 88220

Phone: 575.957.3706 Email: richard.kozur@exxonmobil.com, thillard, thorrissey, kthomas@ensolum.com

ANALYSIS REQUEST

Project Name: PO-22 LATE UNIT 29 BS 12-24

Project Number: 0301558789

Project Location: 32.10161, -103.80195

Sampler's Name: CHRIS HEIGHT

PO #: _____

SAMPLE RECEIPT

Samples Received Intact: Yes No Thermometer ID: IN-02

Cooler Custody Seals: Yes No Correction Factor: 3.6

Sample Custody Seals: Yes No Temperature Reading: 3.4

Total Containers: _____ Corrected Temperature: _____

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters		Sample Comments
							Pres Code	Lab. Cool	
SS01	S	1/21/26	08:47	SURFACE	G	1	✓	✓	INCIDENT NUMBER: APP2533524806
SS02	S	1/21/26	08:55	SURFACE	G	1	✓	✓	CLASS: 166733/001
SS03	S	1/21/26	08:59	SURFACE	G	1	✓	✓	FROM: 4860 5000 - SPILLS
SS04	S	1/21/26	09:02	SURFACE	G	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 \$65.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	<u>1/21/26</u>			



Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9387-1

SDG Number: 03C1558789

Login Number: 9387

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: 890-9387-1

SDG Number: 03C1558789

Login Number: 9387

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 01/22/26 07:35 AM

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

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jeremy Reich
 Ensolum
 601 N. Marienfeld St.
 Suite 400
 Midland, Texas 79701
 Generated 1/6/2026 3:08:04 PM

JOB DESCRIPTION

POKER LANE UNIT 29 BIG SINKS 124H
 03C1558789

JOB NUMBER

890-9289-1

Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad NM 88220



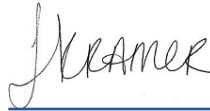
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Job Notes

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

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

Authorization



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Client: Ensolum
Project/Site: POKER LANE UNIT 29 BIG SINKS 124H

Laboratory Job ID: 890-9289-1
SDG: 03C1558789

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Definitions/Glossary

Client: Ensolum
 Project/Site: POKER LANE UNIT 29 BIG SINKS 124H

Job ID: 890-9289-1
 SDG: 03C1558789

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Ensolum
Project: POKER LANE UNIT 29 BIG SINKS 124H

Job ID: 890-9289-1

Job ID: 890-9289-1

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Job Narrative 890-9289-1

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 12/29/2025 3:15 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: FS01 (890-9289-1) and SW01 (890-9289-2).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: FS01 (890-9289-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside the upper control limit: SW01 (890-9289-2). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

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

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: POKER LANE UNIT 29 BIG SINKS 124H

Job ID: 890-9289-1
 SDG: 03C1558789

Client Sample ID: FS01

Lab Sample ID: 890-9289-1

Date Collected: 12/29/25 12:56

Matrix: Solid

Date Received: 12/29/25 15:15

Sample Depth: 4

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00609		0.00200	mg/Kg		01/06/26 09:15	01/06/26 13:52	1
Toluene	0.0467		0.00200	mg/Kg		01/06/26 09:15	01/06/26 13:52	1
Ethylbenzene	0.0971		0.00200	mg/Kg		01/06/26 09:15	01/06/26 13:52	1
m-Xylene & p-Xylene	0.122		0.00400	mg/Kg		01/06/26 09:15	01/06/26 13:52	1
o-Xylene	0.0277		0.00200	mg/Kg		01/06/26 09:15	01/06/26 13:52	1
Xylenes, Total	0.150		0.00400	mg/Kg		01/06/26 09:15	01/06/26 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	167	S1+	70 - 130	01/06/26 09:15	01/06/26 13:52	1
1,4-Difluorobenzene (Surr)	115		70 - 130	01/06/26 09:15	01/06/26 13:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.300		0.00400	mg/Kg			01/06/26 13:52	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	232		49.9	mg/Kg			01/05/26 16:11	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		12/30/25 11:04	01/05/26 16:11	1
Diesel Range Organics (Over C10-C28)	232		49.9	mg/Kg		12/30/25 11:04	01/05/26 16:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		12/30/25 11:04	01/05/26 16:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	12/30/25 11:04	01/05/26 16:11	1
o-Terphenyl	112		70 - 130	12/30/25 11:04	01/05/26 16:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1770		49.7	mg/Kg			12/30/25 19:01	5

Client Sample ID: SW01

Lab Sample ID: 890-9289-2

Date Collected: 12/29/25 13:00

Matrix: Solid

Date Received: 12/29/25 15:15

Sample Depth: 0-4

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		01/06/26 09:15	01/06/26 14:12	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/06/26 09:15	01/06/26 14:12	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/06/26 09:15	01/06/26 14:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/06/26 09:15	01/06/26 14:12	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/06/26 09:15	01/06/26 14:12	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/06/26 09:15	01/06/26 14:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	01/06/26 09:15	01/06/26 14:12	1

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Client Sample Results

Client: Ensolum
 Project/Site: POKER LANE UNIT 29 BIG SINKS 124H

Job ID: 890-9289-1
 SDG: 03C1558789

Client Sample ID: SW01

Lab Sample ID: 890-9289-2

Date Collected: 12/29/25 13:00

Matrix: Solid

Date Received: 12/29/25 15:15

Sample Depth: 0-4

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	01/06/26 09:15	01/06/26 14:12	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			01/06/26 14:12	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			01/05/26 16:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		12/30/25 11:04	01/05/26 16:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		12/30/25 11:04	01/05/26 16:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		12/30/25 11:04	01/05/26 16:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	255	S1+	70 - 130	12/30/25 11:04	01/05/26 16:26	1
o-Terphenyl	278	S1+	70 - 130	12/30/25 11:04	01/05/26 16:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	744		9.92	mg/Kg			12/30/25 19:06	1

Surrogate Summary

Client: Ensolum
Project/Site: POKER LANE UNIT 29 BIG SINKS 124H

Job ID: 890-9289-1
SDG: 03C1558789

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)
890-9289-1	FS01	167 S1+	115
890-9289-2	SW01	80	75
890-9300-A-17-E MS	Matrix Spike	118	97
890-9300-A-17-F MSD	Matrix Spike Duplicate	110	103
LCS 880-128240/1-A	Lab Control Sample	114	103
LCSD 880-128240/2-A	Lab Control Sample Dup	117	100
MB 880-128240/5-A	Method Blank	110	94

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
890-9288-A-3-C MS	Matrix Spike	100	111
890-9288-A-3-D MSD	Matrix Spike Duplicate	101	112
890-9289-1	FS01	98	112
890-9289-2	SW01	255 S1+	278 S1+
LCS 880-127935/2-A	Lab Control Sample	100	108
LCSD 880-127935/3-A	Lab Control Sample Dup	102	108
MB 880-127935/1-A	Method Blank	113	110

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Ensolum
 Project/Site: POKER LANE UNIT 29 BIG SINKS 124H

Job ID: 890-9289-1
 SDG: 03C1558789

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-128240/5-A
 Matrix: Solid
 Analysis Batch: 128235

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 128240

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/06/26 09:15	01/06/26 11:48	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/06/26 09:15	01/06/26 11:48	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/06/26 09:15	01/06/26 11:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/06/26 09:15	01/06/26 11:48	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/06/26 09:15	01/06/26 11:48	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/06/26 09:15	01/06/26 11:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	01/06/26 09:15	01/06/26 11:48	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/06/26 09:15	01/06/26 11:48	1

Lab Sample ID: LCS 880-128240/1-A
 Matrix: Solid
 Analysis Batch: 128235

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 128240

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1138		mg/Kg		114	70 - 130
Toluene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1223		mg/Kg		122	70 - 130
m-Xylene & p-Xylene	0.200	0.2431		mg/Kg		122	70 - 130
o-Xylene	0.100	0.1232		mg/Kg		123	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-128240/2-A
 Matrix: Solid
 Analysis Batch: 128235

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 128240

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1102		mg/Kg		110	70 - 130	3	35
Toluene	0.100	0.1152		mg/Kg		115	70 - 130	1	35
Ethylbenzene	0.100	0.1256		mg/Kg		126	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2579		mg/Kg		129	70 - 130	6	35
o-Xylene	0.100	0.1274		mg/Kg		127	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-9300-A-17-E MS
 Matrix: Solid
 Analysis Batch: 128235

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 128240

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1062		mg/Kg		106	70 - 130
Toluene	<0.00200	U	0.100	0.1175		mg/Kg		118	70 - 130

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QC Sample Results

Client: Ensolum
Project/Site: POKER LANE UNIT 29 BIG SINKS 124H

Job ID: 890-9289-1
SDG: 03C1558789

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

Lab Sample ID: 890-9300-A-17-E MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 128235

Prep Batch: 128240

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U	0.100	0.1270		mg/Kg		127	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2564		mg/Kg		128	70 - 130
o-Xylene	<0.00200	U	0.100	0.1265		mg/Kg		126	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 890-9300-A-17-F MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 128235

Prep Batch: 128240

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U	0.100	0.1130		mg/Kg		113	70 - 130	6	35
Toluene	<0.00200	U	0.100	0.1098		mg/Kg		110	70 - 130	7	35
Ethylbenzene	<0.00200	U	0.100	0.1165		mg/Kg		116	70 - 130	9	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2349		mg/Kg		117	70 - 130	9	35
o-Xylene	<0.00200	U	0.100	0.1156		mg/Kg		116	70 - 130	9	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

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

Lab Sample ID: MB 880-127935/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 128192

Prep Batch: 127935

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		12/30/25 11:03	01/05/26 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		12/30/25 11:03	01/05/26 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		12/30/25 11:03	01/05/26 09:12	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	113		70 - 130	12/30/25 11:03	01/05/26 09:12	1
o-Terphenyl	110		70 - 130	12/30/25 11:03	01/05/26 09:12	1

Lab Sample ID: LCS 880-127935/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 128192

Prep Batch: 127935

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	833.7		mg/Kg		83	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1183		mg/Kg		118	70 - 130

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QC Sample Results

Client: Ensolum
 Project/Site: POKER LANE UNIT 29 BIG SINKS 124H

Job ID: 890-9289-1
 SDG: 03C1558789

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

Lab Sample ID: LCS 880-127935/2-A
Matrix: Solid
Analysis Batch: 128192

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127935

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	100		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: LCSD 880-127935/3-A
Matrix: Solid
Analysis Batch: 128192

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 127935

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	848.9		mg/Kg		85	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	1000	1156		mg/Kg		116	70 - 130	2	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	102		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: 890-9288-A-3-C MS
Matrix: Solid
Analysis Batch: 128192

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 127935

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	727.3		mg/Kg		73	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	998	820.0		mg/Kg		82	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	100		70 - 130
o-Terphenyl	111		70 - 130

Lab Sample ID: 890-9288-A-3-D MSD
Matrix: Solid
Analysis Batch: 128192

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 127935

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	740.4		mg/Kg		74	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	<50.0	U	998	840.8		mg/Kg		84	70 - 130	3	20	

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	101		70 - 130
o-Terphenyl	112		70 - 130

QC Sample Results

Client: Ensolum
 Project/Site: POKER LANE UNIT 29 BIG SINKS 124H

Job ID: 890-9289-1
 SDG: 03C1558789

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-127928/1-A
 Matrix: Solid
 Analysis Batch: 127945

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			12/30/25 16:57	1

Lab Sample ID: LCS 880-127928/2-A
 Matrix: Solid
 Analysis Batch: 127945

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.4		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-127928/3-A
 Matrix: Solid
 Analysis Batch: 127945

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	243.1		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 890-9288-A-4-B MS
 Matrix: Solid
 Analysis Batch: 127945

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	<9.96	U	249	244.2		mg/Kg		96	90 - 110

Lab Sample ID: 890-9288-A-4-C MSD
 Matrix: Solid
 Analysis Batch: 127945

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	<9.96	U	249	244.3		mg/Kg		96	90 - 110	0	20

QC Association Summary

Client: Ensolum
Project/Site: POKER LANE UNIT 29 BIG SINKS 124H

Job ID: 890-9289-1
SDG: 03C1558789

GC VOA

Analysis Batch: 128235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9289-1	FS01	Total/NA	Solid	8021B	128240
890-9289-2	SW01	Total/NA	Solid	8021B	128240
MB 880-128240/5-A	Method Blank	Total/NA	Solid	8021B	128240
LCS 880-128240/1-A	Lab Control Sample	Total/NA	Solid	8021B	128240
LCSD 880-128240/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	128240
890-9300-A-17-E MS	Matrix Spike	Total/NA	Solid	8021B	128240
890-9300-A-17-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	128240

Prep Batch: 128240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9289-1	FS01	Total/NA	Solid	5035	
890-9289-2	SW01	Total/NA	Solid	5035	
MB 880-128240/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-128240/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-128240/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9300-A-17-E MS	Matrix Spike	Total/NA	Solid	5035	
890-9300-A-17-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 128314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9289-1	FS01	Total/NA	Solid	Total BTEX	
890-9289-2	SW01	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 127935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9289-1	FS01	Total/NA	Solid	8015NM Prep	
890-9289-2	SW01	Total/NA	Solid	8015NM Prep	
MB 880-127935/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-127935/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-127935/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9288-A-3-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9288-A-3-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 128192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9289-1	FS01	Total/NA	Solid	8015B NM	127935
890-9289-2	SW01	Total/NA	Solid	8015B NM	127935
MB 880-127935/1-A	Method Blank	Total/NA	Solid	8015B NM	127935
LCS 880-127935/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	127935
LCSD 880-127935/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	127935
890-9288-A-3-C MS	Matrix Spike	Total/NA	Solid	8015B NM	127935
890-9288-A-3-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	127935

Analysis Batch: 128223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9289-1	FS01	Total/NA	Solid	8015 NM	
890-9289-2	SW01	Total/NA	Solid	8015 NM	

Eurofins Carlsbad

QC Association Summary

Client: Ensolum
 Project/Site: POKER LANE UNIT 29 BIG SINKS 124H

Job ID: 890-9289-1
 SDG: 03C1558789

HPLC/IC

Leach Batch: 127928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9289-1	FS01	Soluble	Solid	DI Leach	
890-9289-2	SW01	Soluble	Solid	DI Leach	
MB 880-127928/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-127928/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-127928/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9288-A-4-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9288-A-4-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 127945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9289-1	FS01	Soluble	Solid	300.0	127928
890-9289-2	SW01	Soluble	Solid	300.0	127928
MB 880-127928/1-A	Method Blank	Soluble	Solid	300.0	127928
LCS 880-127928/2-A	Lab Control Sample	Soluble	Solid	300.0	127928
LCSD 880-127928/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	127928
890-9288-A-4-B MS	Matrix Spike	Soluble	Solid	300.0	127928
890-9288-A-4-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	127928

Lab Chronicle

Client: Ensolum
 Project/Site: POKER LANE UNIT 29 BIG SINKS 124H

Job ID: 890-9289-1
 SDG: 03C1558789

Client Sample ID: FS01

Lab Sample ID: 890-9289-1

Date Collected: 12/29/25 12:56

Matrix: Solid

Date Received: 12/29/25 15:15

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	128240	01/06/26 09:15	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128235	01/06/26 13:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128314	01/06/26 13:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			128223	01/05/26 16:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	127935	12/30/25 11:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128192	01/05/26 16:11	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	127928	12/30/25 10:19	SA	EET MID
Soluble	Analysis	300.0		5			127945	12/30/25 19:01	CS	EET MID

Client Sample ID: SW01

Lab Sample ID: 890-9289-2

Date Collected: 12/29/25 13:00

Matrix: Solid

Date Received: 12/29/25 15:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	128240	01/06/26 09:15	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128235	01/06/26 14:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128314	01/06/26 14:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			128223	01/05/26 16:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	127935	12/30/25 11:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128192	01/05/26 16:26	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	127928	12/30/25 10:19	SA	EET MID
Soluble	Analysis	300.0		1			127945	12/30/25 19:06	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: POKER LANE UNIT 29 BIG SINKS 124H

Job ID: 890-9289-1
SDG: 03C1558789

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: POKER LANE UNIT 29 BIG SINKS 124H

Job ID: 890-9289-1
SDG: 03C1558789

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: POKER LANE UNIT 29 BIG SINKS 124H

Job ID: 890-9289-1
SDG: 03C1558789

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9289-1	FS01	Solid	12/29/25 12:56	12/29/25 15:15	4
890-9289-2	SW01	Solid	12/29/25 13:00	12/29/25 15:15	0-4

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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



890-9289 Chain of Custody

www.xenco.com Page 1 of 1

Project Manager: **TRACY HUIJES** Bill to: (if different) **DAVE WOODALL**
 Company Name: **Ensolum LLC** Company Name: **XTO ENERGY, INC**
 Address: **3122 National Parks Hwy** Address: **3104 E. GREENE ST.**
 City, State ZIP: **Carlsbad, NM 88220** City, State ZIP: **CARLSBAD, NM 88220**
 Phone: **575.937.3916** Email: **timothy@ensolum.com** **timothy@ensolum.com** **kt@ensolum.com**

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

Project Name: **Power Lake Unit 29 84 SWS 1214**
 Project Number: **0201558789**
 Project Location: **32-10161-103.8D/95**
 Sampler's Name: **DAVID HUBERT**
 PO #: **020**

Turn Around: Routine Rush
 Due Date: **7/12/007**
 TAT starts the day received by the lab, if received by 4:30pm

Temp Blank: Yes No Thermometer ID: **412-007**
 Samples Received Intact: Yes No Correction Factor: **-0.2**
 Cooler Custody Seals: Yes No N/A Temperature Reading: **4.1**
 Sample Custody Seals: Yes No N/A Corrected Temperature: **4.2**
 Total Containers:

ANALYSIS REQUEST

Parameters	Pres. Code	Preservative Codes
None: NO		DI Water: H ₂ O
Cool: Cool		MeOH: Me
HCL: HC		HNO ₃ : HN
H ₂ SO ₄ : H ₂		NaOH: Na
H ₃ PO ₄ : HP		
NaHSO ₄ : NABIS		
Na ₂ S ₂ O ₃ : NaSO ₃		
Zn Acetate+NaOH: Zn		
NaOH+Ascorbic Acid: SAPC		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments
F501	S	12/29/25	1256	H	C	1	INCUBAT ID: NAPP1533524206
S101	S	12/29/25	1300	0-4	C	1	LAB CONTR: 1467351001
							APCM: 48405000 - SPILLS

ANALYSIS REQUEST

Parameters	Pres. Code	Preservative Codes
None: NO		DI Water: H ₂ O
Cool: Cool		MeOH: Me
HCL: HC		HNO ₃ : HN
H ₂ SO ₄ : H ₂		NaOH: Na
H ₃ PO ₄ : HP		
NaHSO ₄ : NABIS		
Na ₂ S ₂ O ₃ : NaSO ₃		
Zn Acetate+NaOH: Zn		
NaOH+Ascorbic Acid: SAPC		

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be Cd 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) **[Signature]** Date/Time: **12/29/25 15:15** Received by: (Signature) **[Signature]** Date/Time: **12/29/25 15:15**

Relinquished by: (Signature) **[Signature]** Date/Time: **12/29/25 15:15** Received by: (Signature) **[Signature]** Date/Time: **12/29/25 15:15**

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Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9289-1

SDG Number: 03C1558789

Login Number: 9289

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.	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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Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9289-1

SDG Number: 03C1558789

Login Number: 9289

List Source: Eurofins Midland

List Number: 2

List Creation: 12/30/25 10:42 AM

Creator: Laing, Edmundo

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 D

Spill Volume Calculation

Location:	PLU 29 Big Sinks 124H	
Spill Date:	11/27/2025	
Incident #:	nAPP2533524806	
Area 1		
Approximate Area =	68.23	sq. ft.
Average Saturation (or depth) of spill =	120	inches
Average Porosity Factor =	0.15	
VOLUME OF LEAK		
Total Crude Oil =	1.82	bbls
Total Produced Water =	16.4	bbls
TOTAL VOLUME OF LEAK		
Total Crude Oil =	1.82	bbls
Total Produced Water =	16.4	bbls
TOTAL VOLUME RECOVERED		
Total Crude Oil =	0	bbls
Total Produced Water =	0	bbls

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 530530

QUESTIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 530530
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2533524806
Incident Name	NAPP2533524806 POKER LAKE UNIT 29 BIG SINKS 124H @ F-29-25S-31E
Incident Type	Oil Release
Incident Status	Initial C-141 Received

Location of Release Source

Please answer all the questions in this group.

Site Name	POKER LAKE UNIT 29 Big Sinks 124H
Date Release Discovered	11/27/2025
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

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

Crude Oil Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Crude Oil Released: 2 BBL Recovered: 0 BBL Lost: 2 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 16 BBL Recovered: 0 BBL Lost: 16 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)	A total of 18.22 bbls were released, 1.82 bbls of produced oil and 16.4 bbls of produced water.

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, Page 2

Action 530530

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 530530
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<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: NMEEnvNotifications@exxonmobil.com Date: 12/01/2025
--	--

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, Page 3

Action 530530

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 530530
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization

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

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

Remediation Plan

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

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

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Oil Conservation Division
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CONDITIONS

Action 530530

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 530530
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Initial C141 is approved. A remediation work plan, site characterization plan or a closure report is due to the OCD no later than 90-days after discovery of the release. The final date to submit the next report is 03/02/2026.	12/2/2025

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QUESTIONS

Action 556433

QUESTIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 556433
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2533524806
Incident Name	NAPP2533524806 POKER LAKE UNIT 29 BIG SINKS 124H @ F-29-25S-31E
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	POKER LAKE UNIT 29 BIG SINKS 124H
Date Release Discovered	11/27/2025
Surface Owner	Federal

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Crude Oil Released: 2 BBL Recovered: 0 BBL Lost: 2 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 16 BBL Recovered: 0 BBL Lost: 16 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)	A total of 18.22 bbls were released, 1.82 bbls of produced oil and 16.4 bbls of produced water.

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QUESTIONS, Page 2

Action 556433

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 556433
	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	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEEnvNotifications@exxonmobil.com Date: 02/20/2026
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QUESTIONS, Page 3

Action 556433

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 556433
	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 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between ½ and 1 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 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	No

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

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

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

Chloride (EPA 300.0 or SM4500 Cl B)	1770
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	232
GRO+DRO (EPA SW-846 Method 8015M)	232
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3
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	11/28/2025
On what date will (or did) the final sampling or liner inspection occur	01/21/2026
On what date will (or was) the remediation complete(d)	01/21/2026
What is the estimated surface area (in square feet) that will be reclaimed	80
What is the estimated volume (in cubic yards) that will be reclaimed	12
What is the estimated surface area (in square feet) that will be remediated	80
What is the estimated volume (in cubic yards) that will be remediated	12

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 556433

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 556433
	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	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 02/20/2026
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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 556433

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 556433
	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 556433

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 556433
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	543523
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/21/2026
What was the (estimated) number of samples that were to be gathered	6
What was the sampling surface area in square feet	6000

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	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	80
What was the total volume (cubic yards) remediated	12
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	80
What was the total volume (in cubic yards) reclaimed	12
Summarize any additional remediation activities not included by answers (above)	Laboratory analytical results indicate all Constituents of Concerns were in compliance with Closure Criteria. Depth to groundwater has been estimated to be greater than 50 feet bgs and no other sensitive receptors were identified near the Site. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests closure for Incident Number nAPP2533524806.
<i>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>	
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: NMEEnvNotifications@exxonmobil.com Date: 02/20/2026

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QUESTIONS, Page 7

Action 556433

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 556433
	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 556433

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 556433
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Remediation closure is approved.	2/27/2026
michael.buchanan	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	2/27/2026
michael.buchanan	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	2/27/2026
michael.buchanan	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	2/27/2026
michael.buchanan	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	2/27/2026
michael.buchanan	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	2/27/2026