



March 5, 2026

**New Mexico Oil Conservation Division**

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

**Re: Remediation Work Plan  
JRU Legg Pond  
Incident Number nAPP2533938063  
Eddy County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of XTO Energy, Inc. (XTO), has prepared this *Remediation Work Plan (Work Plan)* to document assessment, delineation, and soil sampling activities for a produced water release into the pasture area associated with JRU Legg Pond (Site). The following *Work Plan* describes delineation and soil sampling activities and proposes excavation of identified impacted soil.

**SITE DESCRIPTION AND RELEASE SUMMARY**

The Site was originally reported in Unit H, Section 24, Township 22 South, Range 30 East, in Eddy County, New Mexico (32.3778081°, -103.8280139°). After review of internal documents, it was confirmed to be located in Unit I, Section 24, Township 22 South, Range 30 East in Eddy County, New Mexico (32.377183°, -103.829523°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On December 3, 2025, a lay-flat water line failure during water transfer activities for ongoing frac operations in a right-of way (ROW) resulted in the release of approximately 30 barrels (bbls) of produced water into the surrounding pasture area. No fluids were recovered. XTO submitted a Notification of Release (NOR) and an Initial C-141 Application (C-141) on December 5, 2025, to the New Mexico Oil Conservation Division (NMOCD). The release was assigned Incident Number nAPP2533938063.

**SITE CHARACTERIZATION AND CLOSURE CRITERIA**

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

Depth to groundwater at the Site is estimated to be between 51 feet below ground surface (bgs) and 100 feet bgs based on the nearest groundwater well data. The closest groundwater data is from a New Mexico Office of the State Engineer (NMOSE) soil boring, permitted as C-4773, located approximately 0.41 miles southeast of the Site. In December 2023, the soil boring was advanced to a depth of 55 bgs for regional depth to groundwater determination. No groundwater was encountered. The Well Record & Log is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a seasonal dry wash, located at 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, or church, but within 300 feet from a wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area), and no other sensitive receptors were identified.

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

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

## SITE ASSESSMENT AND DELINEATION ACTIVITIES

On February 17, 2026, Ensolum personnel visited the Site to conduct delineation activities. Eleven delineation soil samples (SS01 through SS11) were collected within and around the release extent from ground surface. In addition, four boreholes, BH01 through BH04, were advanced via hand auger to investigate the vertical extent of the release. The boreholes were advanced to a maximum terminal depth of 2 feet bgs with discrete soil samples collected at depths ranging from ground surface to 2 feet bgs. The soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix B. The release extent and delineation soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation is included in Appendix C.

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

## LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for delineation soil samples SS01 and SS05 through SS11 indicated all COC concentrations were compliant with Closure Criteria, successfully defining the lateral extent of the release. Laboratory analytical results for delineation soil samples collected from boreholes SS02 (ground surface and 1-foot bgs), SS03 (ground surface), and SS04 (1-foot bgs) indicated chloride concentrations exceeded the Closure Criteria; however, the chloride concentrations in the delineation soil samples collected from boreholes SS02 (2 feet bgs), SS03 (1-foot bgs), and SS04 (2 feet bgs) were compliant with the Closure Criteria, successfully defining the vertical extent of the release. Laboratory analytical results are summarized in Table 1, and the complete laboratory analytical reports are included as Appendix D.

XTO Energy, Inc  
Remediation Work Plan  
JRU Legg Pond



### PROPOSED REMEDIATION WORK PLAN

The delineation soil sampling results indicate soils containing elevated chloride concentrations exist across an approximate 2,528 square foot area and extends to depths ranging from surface to 2 feet bgs. As such, XTO proposes completing the following remediation activities:

- Excavation of chloride impacted soil to depths ranging from surface to 2 feet bgs. Excavation will proceed until confirmation soil samples confirm all COC concentrations are compliant with the Closure Criteria.
- Composite confirmation soil samples will be collected from the floor and sidewalls at a sampling frequency representing no more than 200 square feet per sample.
- An estimated 120 cubic yards of impacted soil will be excavated and disposed of at a New Mexico approved disposal facility.
- The excavation will be backfilled with locally procured material and recontoured to match pre-existing conditions. Pasture areas will be reseeded with the recommended BLM seed mix.

XTO believed this *Work Plan* is protective of human health, the environment, and groundwater. As such, XTO requests approval of this *Work Plan* by NMOCD. XTO will complete the excavation and soil sampling activities within 90 days of the date of approval of this *Work Plan* by the NMOCD or, if production operations restrict access, within 90 days of production operations being discharged from the Site.

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

Sincerely,  
**Ensolum, LLC**

Tracy Hillard  
Project Engineer

Tacoma Morrissey  
Associate Principal

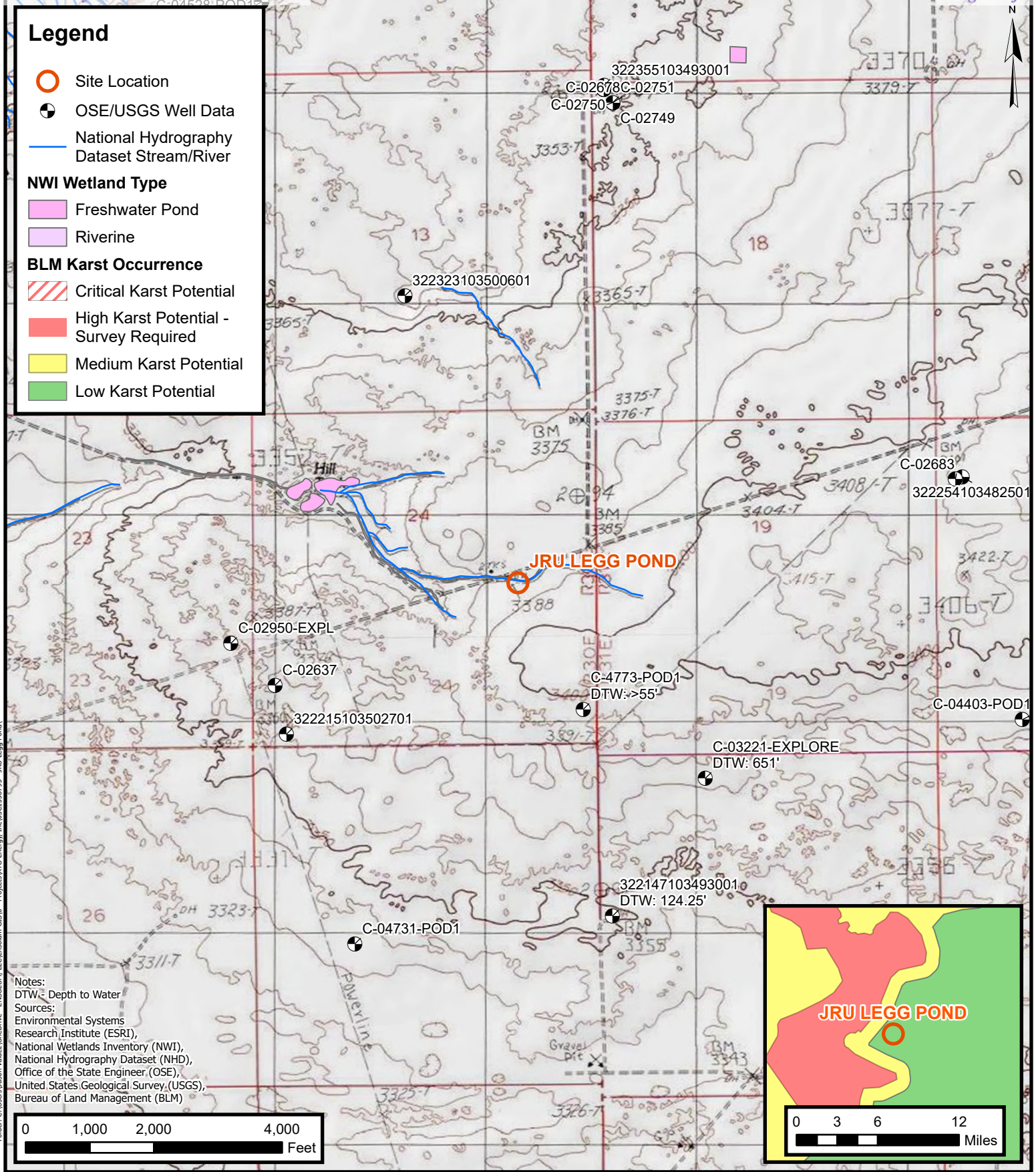
cc: Robert Woodall, XTO  
Richard Kotzur, XTO  
BLM

Appendices:

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



FIGURES



Folder: C:\Users\Justin.Velez\OneDrive - ENSOLUM, LLC\Ensolium GIS\0 - Projects\XTO Energy, Inc\03C1583995 - JRU Legg Pond

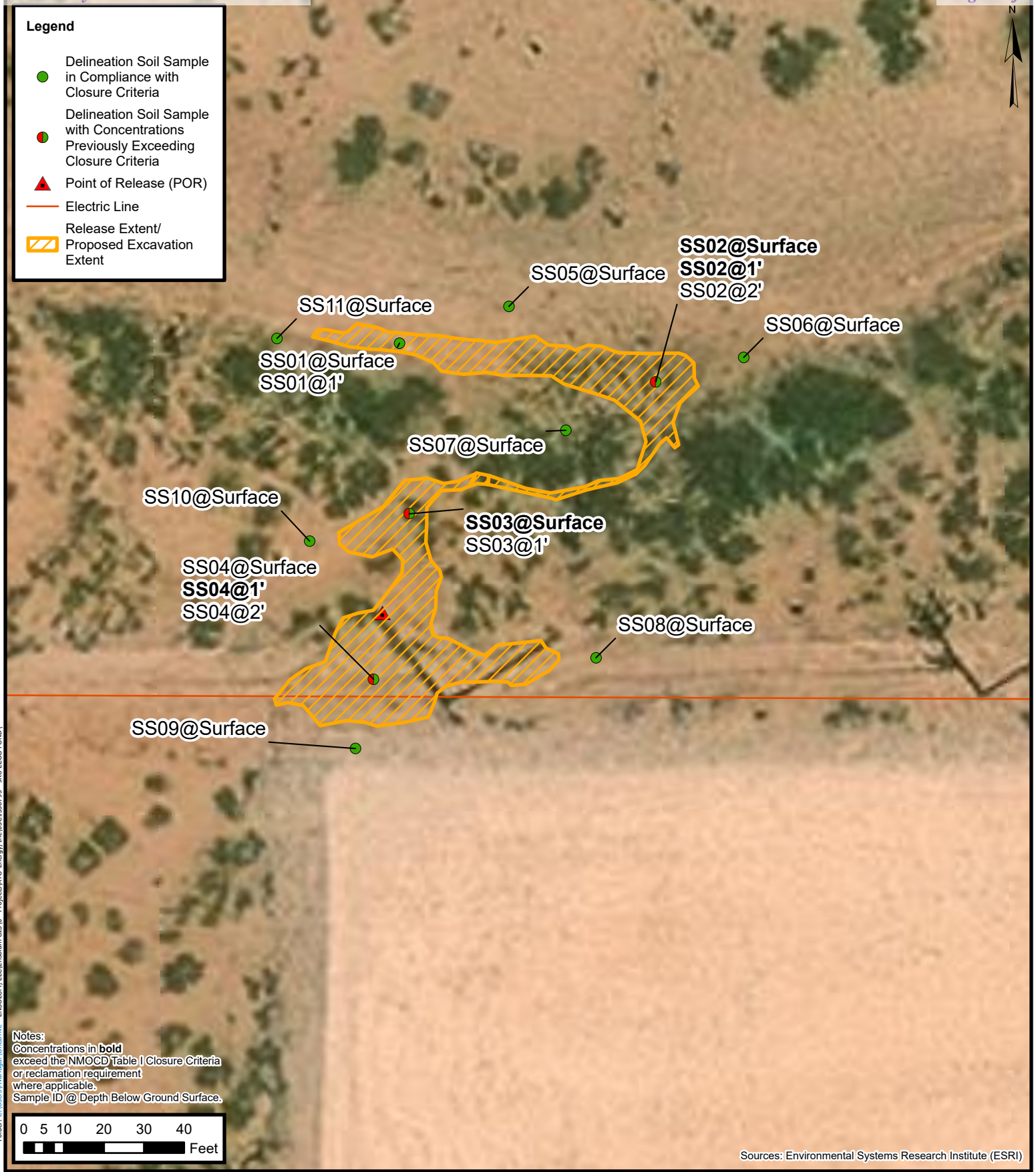


**Site Receptor Map**  
 XTO Energy, Inc  
 JRU Legg Pond  
 Incident Number: nAPP2533938063  
 Unit 1, Section 24, Township 22 South, Range 30 East  
 Eddy County, New Mexico

**FIGURE**  
**1**

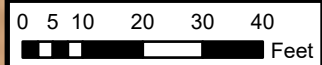
Legend

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- ▲ Point of Release (POR)
- Electric Line
- Release Extent/  
Proposed Excavation Extent



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Notes:  
Concentrations in bold exceed the NMOCD Table I Closure Criteria or reclamation requirement where applicable.  
Sample ID @ Depth Below Ground Surface.



Sources: Environmental Systems Research Institute (ESRI)

**Delineation Soil Sample Locations**  
 XTO Energy, Inc  
 JRU Legg Pond  
 Incident Number: nAPP2533938063  
 Unit I, Section 24, Township 22 South, Range 30 East  
 Eddy County, New Mexico

**FIGURE**  
**2**



TABLES



**TABLE 1  
SOIL SAMPLE ANALYTICAL RESULTS  
JRU Legg Pond  
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)
<b>NMOCD Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>Delineation Soil Samples</b>										
SS01	02/17/2026	Surface	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	<9.96
SS01	02/17/2026	1	<0.00200	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	68.3
SS02	02/17/2026	Surface	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	<b>4,490</b>
SS02	02/17/2026	1	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	<b>1,210</b>
SS02	02/17/2026	2	<0.00201	<0.00402	<50.2	<50.2	<50.2	<50.2	<50.2	34.3
SS03	02/17/2026	Surface	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	<b>639</b>
SS03	02/17/2026	1	<0.00202	<0.00404	<50.1	<50.1	<50.1	<50.1	<50.1	21.8
SS04	02/17/2026	Surface	<0.00202	<0.00404	<50.2	<50.2	<50.2	<50.2	<50.2	101
SS04	02/17/2026	1	<0.00199	<0.00398	<50.4	<50.4	<50.4	<50.4	<50.4	<b>878</b>
SS04	02/17/2026	2	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	37.1
SS05	02/17/2026	Surface	<0.00199	<0.00398	<50.1	<50.1	<50.1	<50.1	<50.1	15.0
SS06	02/17/2026	Surface	<0.00198	<0.00396	<49.6	<49.6	<49.6	<49.6	<49.6	20.9
SS07	02/17/2026	Surface	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	<9.96
SS08	02/17/2026	Surface	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	11.7
SS09	02/17/2026	Surface	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	111
SS10	02/17/2026	Surface	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	55.4
SS11	02/17/2026	Surface	<0.00198	<0.00396	<50.2	<50.2	<50.2	<50.2	<50.2	<9.96

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

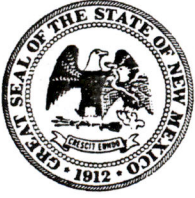
Grey text indicates soil sample removed during excavation activities



## APPENDIX A

### Referenced Well Records

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# WELL RECORD & LOG Apache 24

OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) C-4773 POD1		WELL TAG ID NO.		OSE FILE NO(S) C04773	
	WELL OWNER NAME(S) Devon Energy Resources				PHONE (OPTIONAL)	
	WELL OWNER MAILING ADDRESS 205 E. Bender Road # 105				CITY Hobbs	STATE ZIP NM 88240
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 22	SECONDS 18.7752	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LATITUDE -103	49	34.7196	* DATUM REQUIRED: WGS 84	

2. DRILLING & CASING INFORMATION	LICENSE NO. 1833	NAME OF LICENSED DRILLER Jason Maley			NAME OF WELL DRILLING COMPANY Vision Resources			
	DRILLING STARTED 12-15-23	DRILLING ENDED 12-15-23	DEPTH OF COMPLETED WELL (FT) 55'	BORE HOLE DEPTH (FT) 55'	DEPTH WATER FIRST ENCOUNTERED (FT) Dry			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED) <small>Centralizer info below</small>				STATIC WATER LEVEL IN COMPLETED WELL (FT) Dry	DATE STATIC MEASURED 12-18-23		
	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"	2" PVC SCH40	Thread	2"	SCH40	N/A
	45'	55"	6"	2" PVC SCH40	Thread	2"	SCH40	.05

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <small>*(if using Centralizers for Artesian wells- indicate the spacing below)</small>	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-4773	POD NO.	1	TRN NO.	751177
LOCATION	225.30E.24 444	WELL TAG ID NO.	NA	PAGE 1 OF 2	


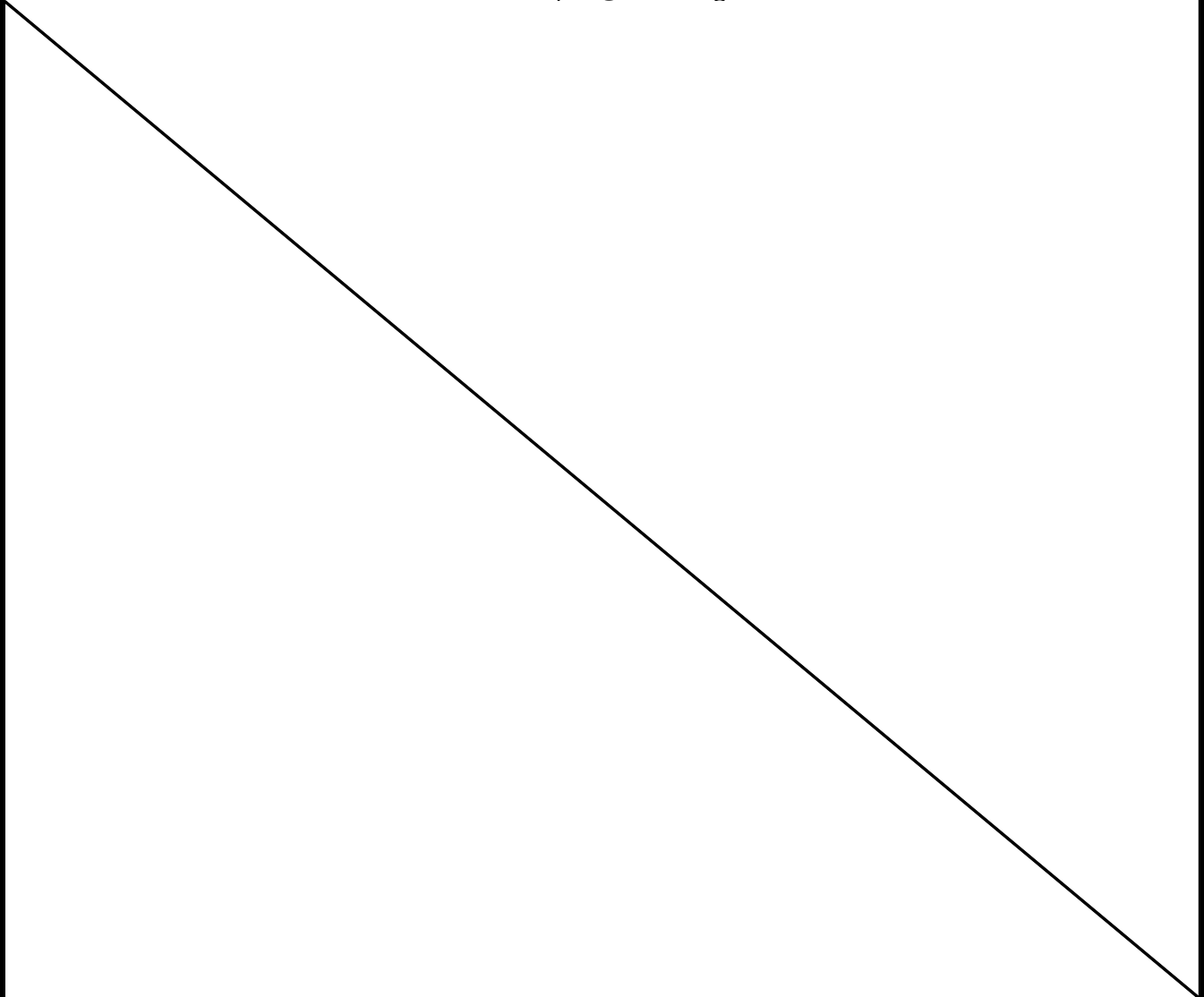






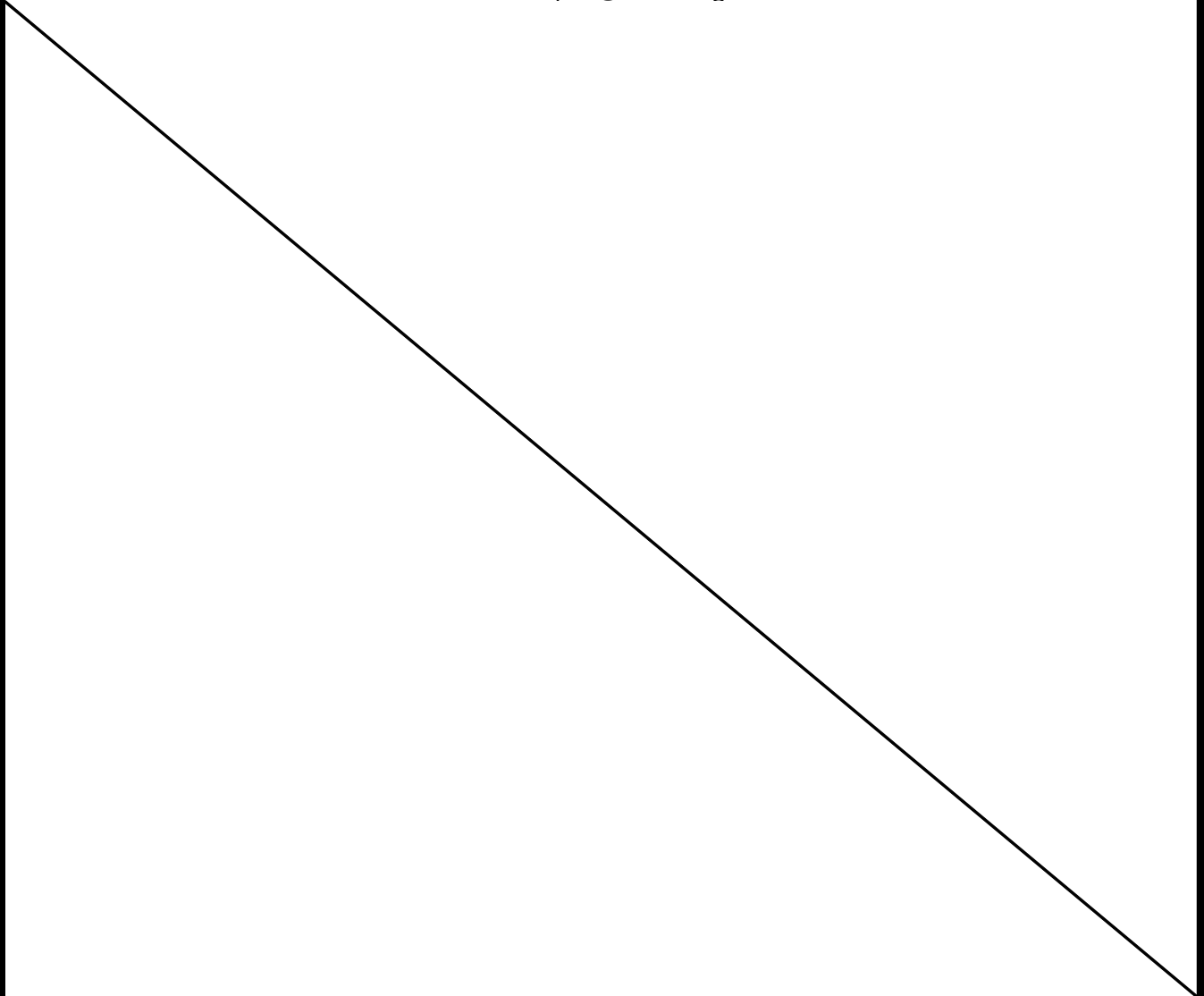
## APPENDIX B


### Lithologic Soil Sampling Logs

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					Sample Name: SS01		Date: 2/17/2026	
					Site Name: JRU Legg Pond			
					Incident Number: nAPP2533938063			
					Job Number: 03C1558795			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: Evan Roe		Method: Hand Auger	
Coordinates: 32.377384, -103.829528					Hole Diameter: 3"		Total Depth: 1ft	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A correction factor of 40% for chlorides is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
Dry	<156	1.8	N	SS01	Surface	0	SP	(0-1') SAND. Brown. Loose. Fine grained. No odor.
Dry	<156	0.3	N	SS01	1	1		
						Final Depth @ 1-foot bgs		
								

						Sample Name: SS02		Date: 2/17/2026	
						Site Name: JRU Legg Pond			
						Incident Number: nAPP2533938063			
						Job Number: 03C1558795			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>						Logged By: Evan Roe		Method: Hand Auger	
Coordinates: 32.377355, -103.829321						Hole Diameter: 3"		Total Depth: 2ft	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A correction factor of 40% for chlorides is included.									
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions	
Dry	7571	3.1	N	SS02	Surface	0			
Dry	1780	0.4	N	SS02	1	1	SP	(0-2') SAND. Brown. Loose. Fine grained. No odor.	
Dry	<156		N	SS02	2	2			
						Final Depth @ 2 feet bgs			

						Sample Name: SS03		Date: 2/17/2026	
						Site Name: JRU Legg Pond			
						Incident Number: nAPP2533938063			
						Job Number: 03C1558795			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>						Logged By: Evan Roe		Method: Hand Auger	
Coordinates: 32.377267, -103.829522						Hole Diameter: 3"		Total Depth: 1ft	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A correction factor of 40% for chlorides is included.									
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions	
Dry	1159	4.3	N	SS03	Surface	0	SP	(0-1') SAND. Brown. Loose. Fine grained. No odor.	
Dry	<156	0.3	N	SS03	1	1			
						Final Depth @ 1-foot bgs			
									

						Sample Name: SS04		Date: 2/17/2026	
						Site Name: JRU Legg Pond			
						Incident Number: nAPP2533938063			
						Job Number: 03C1558795			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>						Logged By: Evan Roe		Method: Hand Auger	
Coordinates: 32.377153, -103.829552						Hole Diameter: 3"		Total Depth: 2ft	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A correction factor of 40% for chlorides is included.									
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions	
Dry	156	3.5	N	SS04	Surface	0			
Dry	1248	0.3	N	SS04	1	1	SP	(0-2') SAND. Brown. Loose. Fine grained. No odor.	
Dry	<156	0.2	N	SS04	2	2		Final Depth @ 2 feet bgs	



## APPENDIX C

### Photographic Log

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## Photographic Log

XTO Energy, Inc  
JRU Legg Pond  
nAPP2533938063

<p><u>Photograph</u> 1</p>	<p><u>Date</u> 12/04/2025</p>	
<p><u>Description</u> Initial Release Assessment</p>		
<p><u>View</u> East</p>		
<p><u>Photograph</u> 2</p>	<p><u>Date</u> 12/04/2025</p>	
<p><u>Description</u> Initial Release Assessment</p>		
<p><u>View</u> West</p>		



## Photographic Log

XTO Energy, Inc  
JRU Legg Pond  
nAPP2533938063

<p><u>Photograph</u> 3</p>	<p><u>Date</u> 12/04/2025</p>	
<p><u>Description</u> Initial Release Assessment</p>		
<p><u>View</u> Southeast</p>		
<p><u>Photograph</u> 4</p>	<p><u>Date</u> 02/17/2026</p>	
<p><u>Description</u> Delineation activities; near SS03</p>		
<p><u>View</u> South</p>		



**Photographic Log**

XTO Energy, Inc  
 JRU Legg Pond  
 nAPP2533938063

<p><u>Photograph</u> 5</p>	<p><u>Date</u> 02/17/2026</p>	
<p><u>Description</u> Delineation activities; near SS02</p>		
<p><u>View</u> Southwest</p>		
<p><u>Photograph</u> 6</p>	<p><u>Date</u> 02/17/2026</p>	
<p><u>Description</u> Delineation activities; near SS08</p>		
<p><u>View</u> Northwest</p>		



## APPENDIX D

### Laboratory Analytical Reports & Chain of Custody Documentation

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Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

Attn: Tracy Hillard  
Ensolum

601 N. Marienfeld St.  
Suite 400

Midland, Texas 79701

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## JOB DESCRIPTION

JRU Legg pond  
03C1558795

## JOB NUMBER

890-9521-1

Eurofins Carlsbad  
1089 N Canal St.  
Carlsbad NM 88220



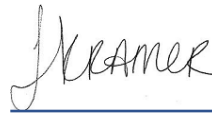
# Eurofins Carlsbad

## 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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2/26/2026 10:38:34 AM

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

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Client: Ensolum  
Project/Site: JRU Legg pond

Laboratory Job ID: 890-9521-1  
SDG: 03C1558795

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## Definitions/Glossary

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9521-1  
SDG: 03C1558795

## Qualifiers

## GC VOA

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

## GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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: JRU Legg pond

Job ID: 890-9521-1

**Job ID: 890-9521-1**

**Eurofins Carlsbad**

### Job Narrative 890-9521-1

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

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

#### Receipt

The samples were received on 2/18/2026 3:26 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 5.0°C.

#### Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-9521-1), SS 02 (890-9521-2), SS 03 (890-9521-3), SS 04 (890-9521-4), SS 05 (890-9521-5), SS 06 (890-9521-6), SS 07 (890-9521-7), SS 08 (890-9521-8), SS 09 (890-9521-9) and SS 10 (890-9521-10).

#### GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-132487 and analytical batch 880-132636 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-132487 and analytical batch 880-132636 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 02 (890-9521-2), SS 07 (890-9521-7), SS 08 (890-9521-8) and SS 10 (890-9521-10). 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: The matrix spike duplicate (MSD) recoveries for preparation batch 880-132331 and analytical batch 880-132927 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-132927 recovered outside the control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-132927/165).

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: JRU Legg pond

Job ID: 890-9521-1  
SDG: 03C1558795

**Client Sample ID: SS 01**

**Lab Sample ID: 890-9521-1**

Date Collected: 02/17/26 10:00

Matrix: Solid

Date Received: 02/18/26 15:26

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/20/26 10:31	02/22/26 04:08	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/20/26 10:31	02/22/26 04:08	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/20/26 10:31	02/22/26 04:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		02/20/26 10:31	02/22/26 04:08	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/20/26 10:31	02/22/26 04:08	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/20/26 10:31	02/22/26 04:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	02/20/26 10:31	02/22/26 04:08	1
1,4-Difluorobenzene (Surr)	97		70 - 130	02/20/26 10:31	02/22/26 04:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			02/22/26 04:08	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			02/25/26 23:25	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		02/19/26 08:53	02/25/26 23:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0	mg/Kg		02/19/26 08:53	02/25/26 23:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/19/26 08:53	02/25/26 23:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	02/19/26 08:53	02/25/26 23:25	1
o-Terphenyl	111		70 - 130	02/19/26 08:53	02/25/26 23:25	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96	mg/Kg			02/20/26 23:03	1

**Client Sample ID: SS 02**

**Lab Sample ID: 890-9521-2**

Date Collected: 02/17/26 10:04

Matrix: Solid

Date Received: 02/18/26 15:26

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/20/26 10:31	02/22/26 04:29	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/20/26 10:31	02/22/26 04:29	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/20/26 10:31	02/22/26 04:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		02/20/26 10:31	02/22/26 04:29	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/20/26 10:31	02/22/26 04:29	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		02/20/26 10:31	02/22/26 04:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130	02/20/26 10:31	02/22/26 04:29	1
1,4-Difluorobenzene (Surr)	119		70 - 130	02/20/26 10:31	02/22/26 04:29	1

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### Client Sample Results

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9521-1  
SDG: 03C1558795

**Client Sample ID: SS 02**

**Lab Sample ID: 890-9521-2**

Date Collected: 02/17/26 10:04

Matrix: Solid

Date Received: 02/18/26 15:26

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			02/22/26 04:29	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			02/26/26 00:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		02/19/26 08:53	02/26/26 00:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/19/26 08:53	02/26/26 00:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/19/26 08:53	02/26/26 00:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130			02/19/26 08:53	02/26/26 00:08	1
o-Terphenyl	102		70 - 130			02/19/26 08:53	02/26/26 00:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4490		99.8	mg/Kg			02/20/26 23:23	10

**Client Sample ID: SS 03**

**Lab Sample ID: 890-9521-3**

Date Collected: 02/17/26 10:08

Matrix: Solid

Date Received: 02/18/26 15:26

**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		02/20/26 10:31	02/22/26 04:49	1
Toluene	<0.00201	U	0.00201	mg/Kg		02/20/26 10:31	02/22/26 04:49	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		02/20/26 10:31	02/22/26 04:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		02/20/26 10:31	02/22/26 04:49	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		02/20/26 10:31	02/22/26 04:49	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		02/20/26 10:31	02/22/26 04:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130			02/20/26 10:31	02/22/26 04:49	1
1,4-Difluorobenzene (Surr)	120		70 - 130			02/20/26 10:31	02/22/26 04:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			02/22/26 04:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			02/26/26 00:23	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	<49.8	U	49.8	mg/Kg		02/19/26 08:53	02/26/26 00:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		02/19/26 08:53	02/26/26 00:23	1

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### Client Sample Results

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9521-1  
SDG: 03C1558795

**Client Sample ID: SS 03**

**Lab Sample ID: 890-9521-3**

Date Collected: 02/17/26 10:08

Matrix: Solid

Date Received: 02/18/26 15:26

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		02/19/26 08:53	02/26/26 00:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130			02/19/26 08:53	02/26/26 00:23	1
o-Terphenyl	111		70 - 130			02/19/26 08:53	02/26/26 00:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	639		10.0	mg/Kg			02/20/26 23:30	1

**Client Sample ID: SS 04**

**Lab Sample ID: 890-9521-4**

Date Collected: 02/17/26 10:12

Matrix: Solid

Date Received: 02/18/26 15:26

**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		02/20/26 10:31	02/22/26 05:10	1
Toluene	<0.00202	U	0.00202	mg/Kg		02/20/26 10:31	02/22/26 05:10	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		02/20/26 10:31	02/22/26 05:10	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		02/20/26 10:31	02/22/26 05:10	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		02/20/26 10:31	02/22/26 05:10	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		02/20/26 10:31	02/22/26 05:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130			02/20/26 10:31	02/22/26 05:10	1
1,4-Difluorobenzene (Surr)	107		70 - 130			02/20/26 10:31	02/22/26 05:10	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			02/22/26 05:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2	mg/Kg			02/26/26 00:37	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2	mg/Kg		02/19/26 08:53	02/26/26 00:37	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2	mg/Kg		02/19/26 08:53	02/26/26 00:37	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2	mg/Kg		02/19/26 08:53	02/26/26 00:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130			02/19/26 08:53	02/26/26 00:37	1
o-Terphenyl	111		70 - 130			02/19/26 08:53	02/26/26 00:37	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101		9.90	mg/Kg			02/20/26 23:37	1

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### Client Sample Results

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9521-1  
SDG: 03C1558795

**Client Sample ID: SS 05**

**Lab Sample ID: 890-9521-5**

Date Collected: 02/17/26 10:16

Matrix: Solid

Date Received: 02/18/26 15:26

**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		02/20/26 10:31	02/22/26 05:30	1
Toluene	<0.00199	U	0.00199	mg/Kg		02/20/26 10:31	02/22/26 05:30	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		02/20/26 10:31	02/22/26 05:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		02/20/26 10:31	02/22/26 05:30	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		02/20/26 10:31	02/22/26 05:30	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		02/20/26 10:31	02/22/26 05:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	02/20/26 10:31	02/22/26 05:30	1
1,4-Difluorobenzene (Surr)	111		70 - 130	02/20/26 10:31	02/22/26 05:30	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			02/22/26 05:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1	mg/Kg			02/26/26 00:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1	mg/Kg		02/19/26 08:53	02/26/26 00:53	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		02/19/26 08:53	02/26/26 00:53	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		02/19/26 08:53	02/26/26 00:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	02/19/26 08:53	02/26/26 00:53	1
o-Terphenyl	108		70 - 130	02/19/26 08:53	02/26/26 00:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.0		10.1	mg/Kg			02/20/26 23:43	1

**Client Sample ID: SS 06**

**Lab Sample ID: 890-9521-6**

Date Collected: 02/17/26 10:20

Matrix: Solid

Date Received: 02/18/26 15:26

**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		02/20/26 10:31	02/22/26 05:51	1
Toluene	<0.00198	U	0.00198	mg/Kg		02/20/26 10:31	02/22/26 05:51	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		02/20/26 10:31	02/22/26 05:51	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		02/20/26 10:31	02/22/26 05:51	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		02/20/26 10:31	02/22/26 05:51	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		02/20/26 10:31	02/22/26 05:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	02/20/26 10:31	02/22/26 05:51	1
1,4-Difluorobenzene (Surr)	105		70 - 130	02/20/26 10:31	02/22/26 05:51	1

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### Client Sample Results

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9521-1  
SDG: 03C1558795

**Client Sample ID: SS 06**

**Lab Sample ID: 890-9521-6**

Date Collected: 02/17/26 10:20

Matrix: Solid

Date Received: 02/18/26 15:26

**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			02/22/26 05:51	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6	mg/Kg			02/26/26 01:06	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	<49.6	U	49.6	mg/Kg		02/19/26 08:53	02/26/26 01:06	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6	mg/Kg		02/19/26 08:53	02/26/26 01:06	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6	mg/Kg		02/19/26 08:53	02/26/26 01:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130			02/19/26 08:53	02/26/26 01:06	1
o-Terphenyl	109		70 - 130			02/19/26 08:53	02/26/26 01:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.9		9.94	mg/Kg			02/20/26 23:50	1

**Client Sample ID: SS 07**

**Lab Sample ID: 890-9521-7**

Date Collected: 02/17/26 11:45

Matrix: Solid

Date Received: 02/18/26 15:26

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/20/26 10:31	02/22/26 06:11	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/20/26 10:31	02/22/26 06:11	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/20/26 10:31	02/22/26 06:11	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		02/20/26 10:31	02/22/26 06:11	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/20/26 10:31	02/22/26 06:11	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		02/20/26 10:31	02/22/26 06:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130			02/20/26 10:31	02/22/26 06:11	1
1,4-Difluorobenzene (Surr)	106		70 - 130			02/20/26 10:31	02/22/26 06:11	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			02/22/26 06:11	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			02/26/26 01:21	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		02/19/26 08:53	02/26/26 01:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/19/26 08:53	02/26/26 01:21	1

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### Client Sample Results

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9521-1  
SDG: 03C1558795

**Client Sample ID: SS 07**

**Lab Sample ID: 890-9521-7**

Date Collected: 02/17/26 11:45

Matrix: Solid

Date Received: 02/18/26 15:26

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/19/26 08:53	02/26/26 01:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130			02/19/26 08:53	02/26/26 01:21	1
o-Terphenyl	107		70 - 130			02/19/26 08:53	02/26/26 01:21	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96	mg/Kg			02/20/26 23:57	1

**Client Sample ID: SS 08**

**Lab Sample ID: 890-9521-8**

Date Collected: 02/17/26 11:49

Matrix: Solid

Date Received: 02/18/26 15:26

**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		02/20/26 10:31	02/22/26 06:32	1
Toluene	<0.00201	U	0.00201	mg/Kg		02/20/26 10:31	02/22/26 06:32	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		02/20/26 10:31	02/22/26 06:32	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		02/20/26 10:31	02/22/26 06:32	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		02/20/26 10:31	02/22/26 06:32	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		02/20/26 10:31	02/22/26 06:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130			02/20/26 10:31	02/22/26 06:32	1
1,4-Difluorobenzene (Surr)	106		70 - 130			02/20/26 10:31	02/22/26 06:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			02/22/26 06:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			02/26/26 01:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		02/19/26 08:53	02/26/26 01:35	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		02/19/26 08:53	02/26/26 01:35	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		02/19/26 08:53	02/26/26 01:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130			02/19/26 08:53	02/26/26 01:35	1
o-Terphenyl	107		70 - 130			02/19/26 08:53	02/26/26 01:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.7		9.98	mg/Kg			02/21/26 00:17	1

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### Client Sample Results

Client: Ensolum  
 Project/Site: JRU Legg pond

Job ID: 890-9521-1  
 SDG: 03C1558795

**Client Sample ID: SS 09**

**Lab Sample ID: 890-9521-9**

Date Collected: 02/17/26 11:53

Matrix: Solid

Date Received: 02/18/26 15:26

**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		02/20/26 10:31	02/22/26 06:52	1
Toluene	<0.00202	U	0.00202	mg/Kg		02/20/26 10:31	02/22/26 06:52	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		02/20/26 10:31	02/22/26 06:52	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		02/20/26 10:31	02/22/26 06:52	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		02/20/26 10:31	02/22/26 06:52	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		02/20/26 10:31	02/22/26 06:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	02/20/26 10:31	02/22/26 06:52	1
1,4-Difluorobenzene (Surr)	101		70 - 130	02/20/26 10:31	02/22/26 06:52	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			02/22/26 06:52	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			02/26/26 01:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		02/19/26 08:53	02/26/26 01:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		02/19/26 08:53	02/26/26 01:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		02/19/26 08:53	02/26/26 01:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	02/19/26 08:53	02/26/26 01:49	1
o-Terphenyl	105		70 - 130	02/19/26 08:53	02/26/26 01:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		10.1	mg/Kg			02/21/26 00:23	1

**Client Sample ID: SS 10**

**Lab Sample ID: 890-9521-10**

Date Collected: 02/17/26 11:57

Matrix: Solid

Date Received: 02/18/26 15:26

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/20/26 10:31	02/22/26 07:13	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/20/26 10:31	02/22/26 07:13	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/20/26 10:31	02/22/26 07:13	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		02/20/26 10:31	02/22/26 07:13	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/20/26 10:31	02/22/26 07:13	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		02/20/26 10:31	02/22/26 07:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	259	S1+	70 - 130	02/20/26 10:31	02/22/26 07:13	1
1,4-Difluorobenzene (Surr)	87		70 - 130	02/20/26 10:31	02/22/26 07:13	1

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### Client Sample Results

Client: Ensolum  
 Project/Site: JRU Legg pond

Job ID: 890-9521-1  
 SDG: 03C1558795

**Client Sample ID: SS 10**

**Lab Sample ID: 890-9521-10**

Date Collected: 02/17/26 11:57

Matrix: Solid

Date Received: 02/18/26 15:26

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			02/22/26 07:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			02/26/26 02:03	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		02/19/26 08:53	02/26/26 02:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/19/26 08:53	02/26/26 02:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/19/26 08:53	02/26/26 02:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	02/19/26 08:53	02/26/26 02:03	1
o-Terphenyl	113		70 - 130	02/19/26 08:53	02/26/26 02:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	55.4		10.0	mg/Kg			02/21/26 00:43	1

### Surrogate Summary

Client: Ensolum  
 Project/Site: JRU Legg pond

Job ID: 890-9521-1  
 SDG: 03C1558795

**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)
880-68389-A-41-E MS	Matrix Spike	146 S1+	82
880-68389-A-41-F MSD	Matrix Spike Duplicate	195 S1+	70
890-9521-1	SS 01	96	97
890-9521-2	SS 02	146 S1+	119
890-9521-3	SS 03	121	120
890-9521-4	SS 04	129	107
890-9521-5	SS 05	128	111
890-9521-6	SS 06	118	105
890-9521-7	SS 07	139 S1+	106
890-9521-8	SS 08	144 S1+	106
890-9521-9	SS 09	120	101
890-9521-10	SS 10	259 S1+	87
LCS 880-132487/1-A	Lab Control Sample	103	99
LCSD 880-132487/2-A	Lab Control Sample Dup	112	99
MB 880-132487/5-A	Method Blank	209 S1+	130

**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)
890-9521-1	SS 01	102	111
890-9521-1 MS	SS 01	113	108
890-9521-1 MSD	SS 01	113	108
890-9521-2	SS 02	94	102
890-9521-3	SS 03	100	111
890-9521-4	SS 04	101	111
890-9521-5	SS 05	96	108
890-9521-6	SS 06	100	109
890-9521-7	SS 07	98	107
890-9521-8	SS 08	98	107
890-9521-9	SS 09	97	105
890-9521-10	SS 10	105	113
LCS 880-132331/2-A	Lab Control Sample	101	94
LCSD 880-132331/3-A	Lab Control Sample Dup	101	94
MB 880-132331/1-A	Method Blank	102	111

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

### QC Sample Results

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9521-1  
SDG: 03C1558795

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

Lab Sample ID: MB 880-132487/5-A  
Matrix: Solid  
Analysis Batch: 132636

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 132487

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/20/26 10:31	02/21/26 22:45	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/20/26 10:31	02/21/26 22:45	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/20/26 10:31	02/21/26 22:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		02/20/26 10:31	02/21/26 22:45	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/20/26 10:31	02/21/26 22:45	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/20/26 10:31	02/21/26 22:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	209	S1+	70 - 130	02/20/26 10:31	02/21/26 22:45	1
1,4-Difluorobenzene (Surr)	130		70 - 130	02/20/26 10:31	02/21/26 22:45	1

Lab Sample ID: LCS 880-132487/1-A  
Matrix: Solid  
Analysis Batch: 132636

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 132487

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1017		mg/Kg		102	70 - 130
Toluene	0.100	0.09813		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.07893		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	0.200	0.1856		mg/Kg		93	70 - 130
o-Xylene	0.100	0.1061		mg/Kg		106	70 - 130

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

Lab Sample ID: LCSD 880-132487/2-A  
Matrix: Solid  
Analysis Batch: 132636

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 132487

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09382		mg/Kg		94	70 - 130	8	35
Toluene	0.100	0.09378		mg/Kg		94	70 - 130	5	35
Ethylbenzene	0.100	0.07636		mg/Kg		76	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1816		mg/Kg		91	70 - 130	2	35
o-Xylene	0.100	0.1085		mg/Kg		109	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-68389-A-41-E MS  
Matrix: Solid  
Analysis Batch: 132636

Client Sample ID: Matrix Spike  
Prep Type: Total/NA  
Prep Batch: 132487

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1 F2	0.100	0.01294	F1	mg/Kg		13	70 - 130
Toluene	<0.00200	U F1	0.100	0.02886	F1	mg/Kg		29	70 - 130

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### QC Sample Results

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9521-1  
SDG: 03C1558795

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

Lab Sample ID: 880-68389-A-41-E MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 132636

Prep Batch: 132487

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U F1 F2	0.100	0.04346	F1	mg/Kg		42	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	0.1680		mg/Kg		84	70 - 130
o-Xylene	<0.00200	U F1 F2	0.100	0.09479		mg/Kg		95	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130
1,4-Difluorobenzene (Surr)	82		70 - 130

Lab Sample ID: 880-68389-A-41-F MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 132636

Prep Batch: 132487

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U F1 F2	0.100	0.04306	F1 F2	mg/Kg		43	70 - 130	108	35
Toluene	<0.00200	U F1	0.100	0.02845	F1	mg/Kg		28	70 - 130	1	35
Ethylbenzene	<0.00200	U F1 F2	0.100	0.08832	F2	mg/Kg		87	70 - 130	68	35
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	0.2768	F1 F2	mg/Kg		138	70 - 130	49	35
o-Xylene	<0.00200	U F1 F2	0.100	0.1609	F1 F2	mg/Kg		161	70 - 130	52	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	195	S1+	70 - 130
1,4-Difluorobenzene (Surr)	70		70 - 130

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

Lab Sample ID: MB 880-132331/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 132927

Prep Batch: 132331

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		02/19/26 08:53	02/25/26 22:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/19/26 08:53	02/25/26 22:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/19/26 08:53	02/25/26 22:42	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	102		70 - 130	02/19/26 08:53	02/25/26 22:42	1
o-Terphenyl	111		70 - 130	02/19/26 08:53	02/25/26 22:42	1

Lab Sample ID: LCS 880-132331/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 132927

Prep Batch: 132331

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	1123		mg/Kg		112	70 - 130
Diesel Range Organics (Over C10-C28)	1000	782.8		mg/Kg		78	70 - 130

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### QC Sample Results

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9521-1  
SDG: 03C1558795

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

**Lab Sample ID: LCS 880-132331/2-A**  
**Matrix: Solid**  
**Analysis Batch: 132927**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 132331**

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	101		70 - 130
o-Terphenyl	94		70 - 130

**Lab Sample ID: LCSD 880-132331/3-A**  
**Matrix: Solid**  
**Analysis Batch: 132927**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 132331**

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	1115		mg/Kg		112	70 - 130	1		20
Diesel Range Organics (Over C10-C28)	1000	816.3		mg/Kg		82	70 - 130	4		20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	101		70 - 130
o-Terphenyl	94		70 - 130

**Lab Sample ID: 890-9521-1 MS**  
**Matrix: Solid**  
**Analysis Batch: 132927**

**Client Sample ID: SS 01**  
**Prep Type: Total/NA**  
**Prep Batch: 132331**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	892.3		mg/Kg		89	70 - 130			
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	695.0		mg/Kg		70	70 - 130			

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	113		70 - 130
o-Terphenyl	108		70 - 130

**Lab Sample ID: 890-9521-1 MSD**  
**Matrix: Solid**  
**Analysis Batch: 132927**

**Client Sample ID: SS 01**  
**Prep Type: Total/NA**  
**Prep Batch: 132331**

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	997	888.0		mg/Kg		89	70 - 130	0		20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	675.2	F1	mg/Kg		68	70 - 130	3		20

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	113		70 - 130
o-Terphenyl	108		70 - 130

### QC Sample Results

Client: Ensolum  
 Project/Site: JRU Legg pond

Job ID: 890-9521-1  
 SDG: 03C1558795

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

Lab Sample ID: MB 880-132391/1-A  
 Matrix: Solid  
 Analysis Batch: 132437

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			02/20/26 22:03	1

Lab Sample ID: LCS 880-132391/2-A  
 Matrix: Solid  
 Analysis Batch: 132437

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	251.5		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-132391/3-A  
 Matrix: Solid  
 Analysis Batch: 132437

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	251.6		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 890-9521-7 MS  
 Matrix: Solid  
 Analysis Batch: 132437

Client Sample ID: SS 07  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<9.96	U	249	261.4		mg/Kg		103	90 - 110

Lab Sample ID: 890-9521-7 MSD  
 Matrix: Solid  
 Analysis Batch: 132437

Client Sample ID: SS 07  
 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	259.6		mg/Kg		102	90 - 110	1	20

### QC Association Summary

Client: Ensolum  
 Project/Site: JRU Legg pond

Job ID: 890-9521-1  
 SDG: 03C1558795

#### GC VOA

##### Prep Batch: 132487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9521-1	SS 01	Total/NA	Solid	5035	
890-9521-2	SS 02	Total/NA	Solid	5035	
890-9521-3	SS 03	Total/NA	Solid	5035	
890-9521-4	SS 04	Total/NA	Solid	5035	
890-9521-5	SS 05	Total/NA	Solid	5035	
890-9521-6	SS 06	Total/NA	Solid	5035	
890-9521-7	SS 07	Total/NA	Solid	5035	
890-9521-8	SS 08	Total/NA	Solid	5035	
890-9521-9	SS 09	Total/NA	Solid	5035	
890-9521-10	SS 10	Total/NA	Solid	5035	
MB 880-132487/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132487/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCS D 880-132487/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68389-A-41-E MS	Matrix Spike	Total/NA	Solid	5035	
880-68389-A-41-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

##### Analysis Batch: 132636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9521-1	SS 01	Total/NA	Solid	8021B	132487
890-9521-2	SS 02	Total/NA	Solid	8021B	132487
890-9521-3	SS 03	Total/NA	Solid	8021B	132487
890-9521-4	SS 04	Total/NA	Solid	8021B	132487
890-9521-5	SS 05	Total/NA	Solid	8021B	132487
890-9521-6	SS 06	Total/NA	Solid	8021B	132487
890-9521-7	SS 07	Total/NA	Solid	8021B	132487
890-9521-8	SS 08	Total/NA	Solid	8021B	132487
890-9521-9	SS 09	Total/NA	Solid	8021B	132487
890-9521-10	SS 10	Total/NA	Solid	8021B	132487
MB 880-132487/5-A	Method Blank	Total/NA	Solid	8021B	132487
LCS 880-132487/1-A	Lab Control Sample	Total/NA	Solid	8021B	132487
LCS D 880-132487/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132487
880-68389-A-41-E MS	Matrix Spike	Total/NA	Solid	8021B	132487
880-68389-A-41-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	132487

##### Analysis Batch: 132785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9521-1	SS 01	Total/NA	Solid	Total BTEX	
890-9521-2	SS 02	Total/NA	Solid	Total BTEX	
890-9521-3	SS 03	Total/NA	Solid	Total BTEX	
890-9521-4	SS 04	Total/NA	Solid	Total BTEX	
890-9521-5	SS 05	Total/NA	Solid	Total BTEX	
890-9521-6	SS 06	Total/NA	Solid	Total BTEX	
890-9521-7	SS 07	Total/NA	Solid	Total BTEX	
890-9521-8	SS 08	Total/NA	Solid	Total BTEX	
890-9521-9	SS 09	Total/NA	Solid	Total BTEX	
890-9521-10	SS 10	Total/NA	Solid	Total BTEX	

### QC Association Summary

Client: Ensolum  
 Project/Site: JRU Legg pond

Job ID: 890-9521-1  
 SDG: 03C1558795

#### GC Semi VOA

##### Prep Batch: 132331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9521-1	SS 01	Total/NA	Solid	8015NM Prep	
890-9521-2	SS 02	Total/NA	Solid	8015NM Prep	
890-9521-3	SS 03	Total/NA	Solid	8015NM Prep	
890-9521-4	SS 04	Total/NA	Solid	8015NM Prep	
890-9521-5	SS 05	Total/NA	Solid	8015NM Prep	
890-9521-6	SS 06	Total/NA	Solid	8015NM Prep	
890-9521-7	SS 07	Total/NA	Solid	8015NM Prep	
890-9521-8	SS 08	Total/NA	Solid	8015NM Prep	
890-9521-9	SS 09	Total/NA	Solid	8015NM Prep	
890-9521-10	SS 10	Total/NA	Solid	8015NM Prep	
MB 880-132331/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-132331/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-132331/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9521-1 MS	SS 01	Total/NA	Solid	8015NM Prep	
890-9521-1 MSD	SS 01	Total/NA	Solid	8015NM Prep	

##### Analysis Batch: 132927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9521-1	SS 01	Total/NA	Solid	8015B NM	132331
890-9521-2	SS 02	Total/NA	Solid	8015B NM	132331
890-9521-3	SS 03	Total/NA	Solid	8015B NM	132331
890-9521-4	SS 04	Total/NA	Solid	8015B NM	132331
890-9521-5	SS 05	Total/NA	Solid	8015B NM	132331
890-9521-6	SS 06	Total/NA	Solid	8015B NM	132331
890-9521-7	SS 07	Total/NA	Solid	8015B NM	132331
890-9521-8	SS 08	Total/NA	Solid	8015B NM	132331
890-9521-9	SS 09	Total/NA	Solid	8015B NM	132331
890-9521-10	SS 10	Total/NA	Solid	8015B NM	132331
MB 880-132331/1-A	Method Blank	Total/NA	Solid	8015B NM	132331
LCS 880-132331/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	132331
LCSD 880-132331/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	132331
890-9521-1 MS	SS 01	Total/NA	Solid	8015B NM	132331
890-9521-1 MSD	SS 01	Total/NA	Solid	8015B NM	132331

##### Analysis Batch: 133070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9521-1	SS 01	Total/NA	Solid	8015 NM	
890-9521-2	SS 02	Total/NA	Solid	8015 NM	
890-9521-3	SS 03	Total/NA	Solid	8015 NM	
890-9521-4	SS 04	Total/NA	Solid	8015 NM	
890-9521-5	SS 05	Total/NA	Solid	8015 NM	
890-9521-6	SS 06	Total/NA	Solid	8015 NM	
890-9521-7	SS 07	Total/NA	Solid	8015 NM	
890-9521-8	SS 08	Total/NA	Solid	8015 NM	
890-9521-9	SS 09	Total/NA	Solid	8015 NM	
890-9521-10	SS 10	Total/NA	Solid	8015 NM	

### QC Association Summary

Client: Ensolum  
 Project/Site: JRU Legg pond

Job ID: 890-9521-1  
 SDG: 03C1558795

#### HPLC/IC

##### Leach Batch: 132391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9521-1	SS 01	Soluble	Solid	DI Leach	
890-9521-2	SS 02	Soluble	Solid	DI Leach	
890-9521-3	SS 03	Soluble	Solid	DI Leach	
890-9521-4	SS 04	Soluble	Solid	DI Leach	
890-9521-5	SS 05	Soluble	Solid	DI Leach	
890-9521-6	SS 06	Soluble	Solid	DI Leach	
890-9521-7	SS 07	Soluble	Solid	DI Leach	
890-9521-8	SS 08	Soluble	Solid	DI Leach	
890-9521-9	SS 09	Soluble	Solid	DI Leach	
890-9521-10	SS 10	Soluble	Solid	DI Leach	
MB 880-132391/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-132391/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-132391/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9521-7 MS	SS 07	Soluble	Solid	DI Leach	
890-9521-7 MSD	SS 07	Soluble	Solid	DI Leach	

##### Analysis Batch: 132437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9521-1	SS 01	Soluble	Solid	300.0	132391
890-9521-2	SS 02	Soluble	Solid	300.0	132391
890-9521-3	SS 03	Soluble	Solid	300.0	132391
890-9521-4	SS 04	Soluble	Solid	300.0	132391
890-9521-5	SS 05	Soluble	Solid	300.0	132391
890-9521-6	SS 06	Soluble	Solid	300.0	132391
890-9521-7	SS 07	Soluble	Solid	300.0	132391
890-9521-8	SS 08	Soluble	Solid	300.0	132391
890-9521-9	SS 09	Soluble	Solid	300.0	132391
890-9521-10	SS 10	Soluble	Solid	300.0	132391
MB 880-132391/1-A	Method Blank	Soluble	Solid	300.0	132391
LCS 880-132391/2-A	Lab Control Sample	Soluble	Solid	300.0	132391
LCSD 880-132391/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	132391
890-9521-7 MS	SS 07	Soluble	Solid	300.0	132391
890-9521-7 MSD	SS 07	Soluble	Solid	300.0	132391

### Lab Chronicle

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9521-1  
SDG: 03C1558795

**Client Sample ID: SS 01**

**Lab Sample ID: 890-9521-1**

Date Collected: 02/17/26 10:00

Matrix: Solid

Date Received: 02/18/26 15:26

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	132487	02/20/26 10:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132636	02/22/26 04:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132785	02/22/26 04:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			133070	02/25/26 23:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132331	02/19/26 08:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132927	02/25/26 23:25	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	132391	02/19/26 13:11	SA	EET MID
Soluble	Analysis	300.0		1			132437	02/20/26 23:03	CS	EET MID

**Client Sample ID: SS 02**

**Lab Sample ID: 890-9521-2**

Date Collected: 02/17/26 10:04

Matrix: Solid

Date Received: 02/18/26 15:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	132487	02/20/26 10:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132636	02/22/26 04:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132785	02/22/26 04:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			133070	02/26/26 00:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132331	02/19/26 08:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132927	02/26/26 00:08	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	132391	02/19/26 13:11	SA	EET MID
Soluble	Analysis	300.0		10			132437	02/20/26 23:23	CS	EET MID

**Client Sample ID: SS 03**

**Lab Sample ID: 890-9521-3**

Date Collected: 02/17/26 10:08

Matrix: Solid

Date Received: 02/18/26 15:26

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	132487	02/20/26 10:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132636	02/22/26 04:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132785	02/22/26 04:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			133070	02/26/26 00:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	132331	02/19/26 08:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132927	02/26/26 00:23	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	132391	02/19/26 13:11	SA	EET MID
Soluble	Analysis	300.0		1			132437	02/20/26 23:30	CS	EET MID

**Client Sample ID: SS 04**

**Lab Sample ID: 890-9521-4**

Date Collected: 02/17/26 10:12

Matrix: Solid

Date Received: 02/18/26 15:26

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	132487	02/20/26 10:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132636	02/22/26 05:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132785	02/22/26 05:10	SA	EET MID

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### Lab Chronicle

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9521-1  
SDG: 03C1558795

**Client Sample ID: SS 04**  
Date Collected: 02/17/26 10:12  
Date Received: 02/18/26 15:26

**Lab Sample ID: 890-9521-4**  
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			133070	02/26/26 00:37	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	132331	02/19/26 08:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132927	02/26/26 00:37	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	132391	02/19/26 13:11	SA	EET MID
Soluble	Analysis	300.0		1			132437	02/20/26 23:37	CS	EET MID

**Client Sample ID: SS 05**  
Date Collected: 02/17/26 10:16  
Date Received: 02/18/26 15:26

**Lab Sample ID: 890-9521-5**  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	132487	02/20/26 10:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132636	02/22/26 05:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132785	02/22/26 05:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			133070	02/26/26 00:53	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	132331	02/19/26 08:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132927	02/26/26 00:53	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	132391	02/19/26 13:11	SA	EET MID
Soluble	Analysis	300.0		1			132437	02/20/26 23:43	CS	EET MID

**Client Sample ID: SS 06**  
Date Collected: 02/17/26 10:20  
Date Received: 02/18/26 15:26

**Lab Sample ID: 890-9521-6**  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	132487	02/20/26 10:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132636	02/22/26 05:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132785	02/22/26 05:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			133070	02/26/26 01:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10.00 mL	132331	02/19/26 08:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132927	02/26/26 01:06	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	132391	02/19/26 13:11	SA	EET MID
Soluble	Analysis	300.0		1			132437	02/20/26 23:50	CS	EET MID

**Client Sample ID: SS 07**  
Date Collected: 02/17/26 11:45  
Date Received: 02/18/26 15:26

**Lab Sample ID: 890-9521-7**  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	132487	02/20/26 10:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132636	02/22/26 06:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132785	02/22/26 06:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			133070	02/26/26 01:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132331	02/19/26 08:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132927	02/26/26 01:21	FC	EET MID

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### Lab Chronicle

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9521-1  
SDG: 03C1558795

**Client Sample ID: SS 07**  
Date Collected: 02/17/26 11:45  
Date Received: 02/18/26 15:26

**Lab Sample ID: 890-9521-7**  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	132391	02/19/26 13:11	SA	EET MID
Soluble	Analysis	300.0		1			132437	02/20/26 23:57	CS	EET MID

**Client Sample ID: SS 08**  
Date Collected: 02/17/26 11:49  
Date Received: 02/18/26 15:26

**Lab Sample ID: 890-9521-8**  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	132487	02/20/26 10:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132636	02/22/26 06:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132785	02/22/26 06:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			133070	02/26/26 01:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	132331	02/19/26 08:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132927	02/26/26 01:35	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	132391	02/19/26 13:11	SA	EET MID
Soluble	Analysis	300.0		1			132437	02/21/26 00:17	CS	EET MID

**Client Sample ID: SS 09**  
Date Collected: 02/17/26 11:53  
Date Received: 02/18/26 15:26

**Lab Sample ID: 890-9521-9**  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	132487	02/20/26 10:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132636	02/22/26 06:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132785	02/22/26 06:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			133070	02/26/26 01:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	132331	02/19/26 08:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132927	02/26/26 01:49	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	132391	02/19/26 13:11	SA	EET MID
Soluble	Analysis	300.0		1			132437	02/21/26 00:23	CS	EET MID

**Client Sample ID: SS 10**  
Date Collected: 02/17/26 11:57  
Date Received: 02/18/26 15:26

**Lab Sample ID: 890-9521-10**  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	132487	02/20/26 10:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132636	02/22/26 07:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132785	02/22/26 07:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			133070	02/26/26 02:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132331	02/19/26 08:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132927	02/26/26 02:03	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	132391	02/19/26 13:11	SA	EET MID
Soluble	Analysis	300.0		1			132437	02/21/26 00:43	CS	EET MID

Eurofins Carlsbad

### Lab Chronicle

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9521-1  
SDG: 03C1558795

**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: JRU Legg pond

Job ID: 890-9521-1  
SDG: 03C1558795

#### 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: JRU Legg pond

Job ID: 890-9521-1  
SDG: 03C1558795

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: JRU Legg pond

Job ID: 890-9521-1  
SDG: 03C1558795

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9521-1	SS 01	Solid	02/17/26 10:00	02/18/26 15:26	New Mexico
890-9521-2	SS 02	Solid	02/17/26 10:04	02/18/26 15:26	New Mexico
890-9521-3	SS 03	Solid	02/17/26 10:08	02/18/26 15:26	New Mexico
890-9521-4	SS 04	Solid	02/17/26 10:12	02/18/26 15:26	New Mexico
890-9521-5	SS 05	Solid	02/17/26 10:16	02/18/26 15:26	New Mexico
890-9521-6	SS 06	Solid	02/17/26 10:20	02/18/26 15:26	New Mexico
890-9521-7	SS 07	Solid	02/17/26 11:45	02/18/26 15:26	New Mexico
890-9521-8	SS 08	Solid	02/17/26 11:49	02/18/26 15:26	New Mexico
890-9521-9	SS 09	Solid	02/17/26 11:53	02/18/26 15:26	New Mexico
890-9521-10	SS 10	Solid	02/17/26 11:57	02/18/26 15:26	New Mexico

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890-9521 Chain of Custody

www.xencoco.com Page 1 of 1

# 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



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

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

Project Name:	Project Number:	Project Location:	Sampler's Name:	PO #:	Turn Around		Pres. Code	ANALYSIS REQUEST		Preservative Codes
					<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush		None: NO	DI Water: H <sub>2</sub> O	
JRU Legg Pond	03C1558795	32.377911, -103.829777	Evan Roe		<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush				MeOH: Me HNO <sub>3</sub> : HN NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Yes No	Parameters				
Samples Received Intact:		Yes No	Thermometer ID:	TAT starts the day received by the lab, if received by 4:30pm						
Cooler Custody Seals:		Yes No	Correction Factor:	5.0						
Sample Custody Seals:		Yes No	Temperature Reading:	5.0						
Total Containers:		5.0								

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	TF	BTEX	Chlorides	Sample Comments
SS 01	Soil	2/17/2026	1000	Surface	Grab	1	✓	✓	✓	Incident ID: nAPP253938063
SS 02	Soil	2/17/2026	1004	Surface	Grab	1	✓	✓	✓	CC: 1082851001
SS 03	Soil	2/17/2026	1004.5	Surface	Grab	1	✓	✓	✓	GFCM: 48605000
SS 04	Soil	2/17/2026	1012	Surface	Grab	1	✓	✓	✓	
SS 05	Soil	2/17/2026	1016	Surface	Grab	1	✓	✓	✓	
SS 06	Soil	2/17/2026	1020	Surface	Grab	1	✓	✓	✓	
SS 07	Soil	2/17/2026	1145	Surface	Grab	1	✓	✓	✓	
SS 08	Soil	2/17/2026	1149	Surface	Grab	1	✓	✓	✓	
SS 09	Soil	2/17/2026	1153	Surface	Grab	1	✓	✓	✓	
SS 10	Soil	2/17/2026	1157	Surface	Grab	1	✓	✓	✓	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO<sub>2</sub> Na Sr Ti Sn U V Zn  
 Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>Evan</i>	<i>alsh</i>	2/18 15:20			



**Eurofins Carlsbad**

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

**Chain of Custody Record**



Environment Testing

<b>Client Information (Sub Contract Lab)</b>		Sampler	Lab PM	COC No:	
Client Contact:	N/A	Phone:	Kramer, Jessica	890-6531 1	
Shipping/Receiving	N/A	Email:	Jessica.Kramer@et.eurofins.com	Page 1 of 2	
Company:	Eurofins Environment Testing South Cent	Accreditations Required (See note):	NEIAP - Texas	Job #:	890-9521-1
Address:	1211 W. Florida Ave.	Due Date Requested:	2/24/2026	Preservation Codes:	
City:	Midland	TAT Requested (days)	N/A	<b>Analysis Requested</b>	
State/Zip:	TX, 79701	PO #:	N/A	8015MOD_NM/8015NM_S_Prep(MOD) Full TPH	
Phone:	432-704-5440(Tel)	W/O #:	N/A	8015MOD_Calc	
Email:	N/A	Project #:	89000110	300_ORGFM_28D/DI_LEACHChloride	
Project Name:	JRU Legg pond	SSCOW#:	N/A	8021B/5035FP_Calc(MOD) BTEX	
Site:	N/A	Sample Date	Sample Time	Total_BTEX_GCV	
<b>Sample Identification - Client ID (Lab ID)</b>		Sample Date	Sample Time	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)
SS 01 (890-9521-1)		2/17/26	10 00 Mountain	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
SS 02 (890-9521-2)		2/17/26	10 04 Mountain	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
SS 03 (890-9521-3)		2/17/26	10 08 Mountain	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
SS 04 (890-9521-4)		2/17/26	10 12 Mountain	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
SS 05 (890-9521-5)		2/17/26	10 16 Mountain	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
SS 06 (890-9521-6)		2/17/26	10 20 Mountain	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
SS 07 (890-9521-7)		2/17/26	11 45 Mountain	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
SS 08 (890-9521-8)		2/17/26	11 49 Mountain	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
SS 09 (890-9521-9)		2/17/26	11 53 Mountain	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
				Total Number of containers	1
				Special Instructions/Note:	

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

**Possible Hazard Identification**

Uncertified

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

Special Instructions/QC Requirements

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

Return To Client  Disposal By Lab  Archive For \_\_\_\_\_ Months

Empty Kit Relinquished by \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Relinquished by \_\_\_\_\_ Date/Time: 2/18 1630 Company: \_\_\_\_\_

Relinquished by \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_

Relinquished by \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_

Custody Seals Intact: \_\_\_\_\_ Custody Seal No \_\_\_\_\_

Δ Yes Δ No

Cooler Temperature(s) °C and Other Remarks:

### Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9521-1

SDG Number: 03C1558795

**Login Number: 9521**

**List Number: 1**

**Creator: Lopez, Abraham**

**List Source: Eurofins Carlsbad**

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

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### Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9521-1

SDG Number: 03C1558795

Login Number: 9521

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 02/19/26 08:29 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: Tracy Hillard  
 Ensolum  
 601 N. Marienfeld St.  
 Suite 400  
 Midland, Texas 79701  
 Generated 2/26/2026 1:28:35 PM

## JOB DESCRIPTION

JRU Legg pond  
 03C1558795

## JOB NUMBER

890-9523-1

Eurofins Carlsbad  
 1089 N Canal St.  
 Carlsbad NM 88220



# Eurofins Carlsbad

## Job Notes

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

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

## Authorization



Generated  
2/26/2026 1:28:35 PM

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

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Client: Ensolum  
Project/Site: JRU Legg pond

Laboratory Job ID: 890-9523-1  
SDG: 03C1558795

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## Definitions/Glossary

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9523-1  
SDG: 03C1558795

## Qualifiers

## GC VOA

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

## GC Semi VOA

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

## HPLC/IC

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

## Glossary

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

## Case Narrative

Client: Ensolum  
Project: JRU Legg pond

Job ID: 890-9523-1

**Job ID: 890-9523-1**

**Eurofins Carlsbad**

### Job Narrative 890-9523-1

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

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

#### Receipt

The samples were received on 2/18/2026 3:26 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 5.0°C.

#### Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 11 (890-9523-1), SS 01 (890-9523-2), SS 02 (890-9523-3), SS 02 (890-9523-4), SS 03 (890-9523-5), SS 04 (890-9523-6) and SS 04 (890-9523-7).

#### GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-132967 and analytical batch 880-132908 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

#### Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: SS 11 (890-9523-1), SS 01 (890-9523-2), SS 02 (890-9523-3) and SS 02 (890-9523-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (890-9522-A-11-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-132332/2-A) and (890-9522-A-11-A). 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

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: JRU Legg pond

Job ID: 890-9523-1  
SDG: 03C1558795

**Client Sample ID: SS 11**

**Lab Sample ID: 890-9523-1**

Date Collected: 02/17/26 12:01

Matrix: Solid

Date Received: 02/18/26 15:26

**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		02/25/26 11:29	02/26/26 04:26	1
Toluene	<0.00198	U	0.00198	mg/Kg		02/25/26 11:29	02/26/26 04:26	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		02/25/26 11:29	02/26/26 04:26	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		02/25/26 11:29	02/26/26 04:26	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		02/25/26 11:29	02/26/26 04:26	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		02/25/26 11:29	02/26/26 04:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	02/25/26 11:29	02/26/26 04:26	1
1,4-Difluorobenzene (Surr)	97		70 - 130	02/25/26 11:29	02/26/26 04:26	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			02/26/26 04:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2	mg/Kg			02/26/26 07:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2	mg/Kg		02/19/26 08:56	02/26/26 07:23	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2	mg/Kg		02/19/26 08:56	02/26/26 07:23	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2	mg/Kg		02/19/26 08:56	02/26/26 07:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130	02/19/26 08:56	02/26/26 07:23	1
o-Terphenyl	134	S1+	70 - 130	02/19/26 08:56	02/26/26 07:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96	mg/Kg			02/20/26 16:23	1

**Client Sample ID: SS 01**

**Lab Sample ID: 890-9523-2**

Date Collected: 02/17/26 12:35

Matrix: Solid

Date Received: 02/18/26 15:26

Sample Depth: 1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/25/26 11:29	02/26/26 04:46	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/25/26 11:29	02/26/26 04:46	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/25/26 11:29	02/26/26 04:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		02/25/26 11:29	02/26/26 04:46	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/25/26 11:29	02/26/26 04:46	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/25/26 11:29	02/26/26 04:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	02/25/26 11:29	02/26/26 04:46	1
1,4-Difluorobenzene (Surr)	97		70 - 130	02/25/26 11:29	02/26/26 04:46	1

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### Client Sample Results

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9523-1  
SDG: 03C1558795

**Client Sample ID: SS 01**

**Lab Sample ID: 890-9523-2**

Date Collected: 02/17/26 12:35

Matrix: Solid

Date Received: 02/18/26 15:26

Sample Depth: 1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			02/26/26 04:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			02/26/26 07:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		02/19/26 08:56	02/26/26 07:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		02/19/26 08:56	02/26/26 07:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		02/19/26 08:56	02/26/26 07:39	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane	132	S1+	70 - 130			02/19/26 08:56	02/26/26 07:39	1
o-Terphenyl	133	S1+	70 - 130			02/19/26 08:56	02/26/26 07:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.3		10.1	mg/Kg			02/20/26 17:06	1

**Client Sample ID: SS 02**

**Lab Sample ID: 890-9523-3**

Date Collected: 02/17/26 12:40

Matrix: Solid

Date Received: 02/18/26 15:26

Sample Depth: 1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/25/26 11:29	02/26/26 05:07	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/25/26 11:29	02/26/26 05:07	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/25/26 11:29	02/26/26 05:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		02/25/26 11:29	02/26/26 05:07	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/25/26 11:29	02/26/26 05:07	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		02/25/26 11:29	02/26/26 05:07	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	103		70 - 130			02/25/26 11:29	02/26/26 05:07	1
1,4-Difluorobenzene (Surr)	92		70 - 130			02/25/26 11:29	02/26/26 05:07	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			02/26/26 05:07	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			02/26/26 07:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		02/19/26 08:56	02/26/26 07:53	1

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### Client Sample Results

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9523-1  
SDG: 03C1558795

**Client Sample ID: SS 02**

**Lab Sample ID: 890-9523-3**

Date Collected: 02/17/26 12:40

Matrix: Solid

Date Received: 02/18/26 15:26

Sample Depth: 1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/19/26 08:56	02/26/26 07:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/19/26 08:56	02/26/26 07:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130			02/19/26 08:56	02/26/26 07:53	1
o-Terphenyl	133	S1+	70 - 130			02/19/26 08:56	02/26/26 07:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1210		50.2	mg/Kg			02/21/26 16:09	5

**Client Sample ID: SS 02**

**Lab Sample ID: 890-9523-4**

Date Collected: 02/17/26 13:15

Matrix: Solid

Date Received: 02/18/26 15:26

Sample Depth: 2

**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		02/25/26 11:29	02/26/26 05:27	1
Toluene	<0.00201	U	0.00201	mg/Kg		02/25/26 11:29	02/26/26 05:27	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		02/25/26 11:29	02/26/26 05:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		02/25/26 11:29	02/26/26 05:27	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		02/25/26 11:29	02/26/26 05:27	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		02/25/26 11:29	02/26/26 05:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130			02/25/26 11:29	02/26/26 05:27	1
1,4-Difluorobenzene (Surr)	98		70 - 130			02/25/26 11:29	02/26/26 05:27	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			02/26/26 05:27	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2	mg/Kg			02/26/26 08:09	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	<50.2	U	50.2	mg/Kg		02/19/26 08:56	02/26/26 08:09	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2	mg/Kg		02/19/26 08:56	02/26/26 08:09	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2	mg/Kg		02/19/26 08:56	02/26/26 08:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130			02/19/26 08:56	02/26/26 08:09	1
o-Terphenyl	129		70 - 130			02/19/26 08:56	02/26/26 08:09	1

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### Client Sample Results

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9523-1  
SDG: 03C1558795

**Client Sample ID: SS 02**

**Lab Sample ID: 890-9523-4**

Date Collected: 02/17/26 13:15  
Date Received: 02/18/26 15:26  
Sample Depth: 2

Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.3		9.96	mg/Kg			02/20/26 17:27	1

**Client Sample ID: SS 03**

**Lab Sample ID: 890-9523-5**

Date Collected: 02/17/26 12:45  
Date Received: 02/18/26 15:26  
Sample Depth: 1

Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		02/25/26 11:29	02/26/26 05:48	1
Toluene	<0.00202	U	0.00202	mg/Kg		02/25/26 11:29	02/26/26 05:48	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		02/25/26 11:29	02/26/26 05:48	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		02/25/26 11:29	02/26/26 05:48	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		02/25/26 11:29	02/26/26 05:48	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		02/25/26 11:29	02/26/26 05:48	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	98		70 - 130			02/25/26 11:29	02/26/26 05:48	1
1,4-Difluorobenzene (Surr)	93		70 - 130			02/25/26 11:29	02/26/26 05:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			02/26/26 05:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1	mg/Kg			02/26/26 08:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1	mg/Kg		02/19/26 08:56	02/26/26 08:23	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		02/19/26 08:56	02/26/26 08:23	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		02/19/26 08:56	02/26/26 08:23	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane	122		70 - 130			02/19/26 08:56	02/26/26 08:23	1
o-Terphenyl	124		70 - 130			02/19/26 08:56	02/26/26 08:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.8		9.98	mg/Kg			02/20/26 17:33	1

### Client Sample Results

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9523-1  
SDG: 03C1558795

**Client Sample ID: SS 04**

**Lab Sample ID: 890-9523-6**

Date Collected: 02/17/26 12:50

Matrix: Solid

Date Received: 02/18/26 15:26

Sample Depth: 1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		02/25/26 11:29	02/26/26 06:08	1
Toluene	<0.00199	U	0.00199	mg/Kg		02/25/26 11:29	02/26/26 06:08	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		02/25/26 11:29	02/26/26 06:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		02/25/26 11:29	02/26/26 06:08	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		02/25/26 11:29	02/26/26 06:08	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		02/25/26 11:29	02/26/26 06:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	02/25/26 11:29	02/26/26 06:08	1
1,4-Difluorobenzene (Surr)	92		70 - 130	02/25/26 11:29	02/26/26 06:08	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			02/26/26 06:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4	mg/Kg			02/26/26 02:54	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4	mg/Kg		02/19/26 08:58	02/26/26 02:54	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4	mg/Kg		02/19/26 08:58	02/26/26 02:54	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4	mg/Kg		02/19/26 08:58	02/26/26 02:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	02/19/26 08:58	02/26/26 02:54	1
o-Terphenyl	105		70 - 130	02/19/26 08:58	02/26/26 02:54	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	878		49.6	mg/Kg			02/20/26 17:38	5

**Client Sample ID: SS 04**

**Lab Sample ID: 890-9523-7**

Date Collected: 02/17/26 13:25

Matrix: Solid

Date Received: 02/18/26 15:26

Sample Depth: 2

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		02/25/26 11:29	02/26/26 06:29	1
Toluene	<0.00198	U	0.00198	mg/Kg		02/25/26 11:29	02/26/26 06:29	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		02/25/26 11:29	02/26/26 06:29	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		02/25/26 11:29	02/26/26 06:29	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		02/25/26 11:29	02/26/26 06:29	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		02/25/26 11:29	02/26/26 06:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	02/25/26 11:29	02/26/26 06:29	1

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### Client Sample Results

Client: Ensolum  
 Project/Site: JRU Legg pond

Job ID: 890-9523-1  
 SDG: 03C1558795

**Client Sample ID: SS 04**

**Lab Sample ID: 890-9523-7**

Date Collected: 02/17/26 13:25

Matrix: Solid

Date Received: 02/18/26 15:26

Sample Depth: 2

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	94		70 - 130	02/25/26 11:29	02/26/26 06:29	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			02/26/26 06:29	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			02/26/26 03:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		02/19/26 08:58	02/26/26 03:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/19/26 08:58	02/26/26 03:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/19/26 08:58	02/26/26 03:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	02/19/26 08:58	02/26/26 03:39	1
o-Terphenyl	109		70 - 130	02/19/26 08:58	02/26/26 03:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.1		10.1	mg/Kg			02/20/26 17:54	1

### Surrogate Summary

Client: Ensolum  
 Project/Site: JRU Legg pond

Job ID: 890-9523-1  
 SDG: 03C1558795

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-9523-1	SS 11	101	97
890-9523-2	SS 01	98	97
890-9523-3	SS 02	103	92
890-9523-4	SS 02	100	98
890-9523-5	SS 03	98	93
890-9523-6	SS 04	101	92
890-9523-7	SS 04	105	94
890-9527-A-1-B MS	Matrix Spike	99	98
890-9527-A-1-C MSD	Matrix Spike Duplicate	83	96
LCS 880-132967/1-A	Lab Control Sample	109	87
LCSD 880-132967/2-A	Lab Control Sample Dup	113	94
MB 880-132937/5-A	Method Blank	102	98
MB 880-132967/5-A	Method Blank	109	93

**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)
890-9522-A-11-B MS	Matrix Spike	114	128
890-9522-A-11-C MSD	Matrix Spike Duplicate	143 S1+	125
890-9523-1	SS 11	133 S1+	134 S1+
890-9523-2	SS 01	132 S1+	133 S1+
890-9523-3	SS 02	127	133 S1+
890-9523-4	SS 02	132 S1+	129
890-9523-5	SS 03	122	124
890-9523-6	SS 04	111	105
890-9523-6 MS	SS 04	116	115
890-9523-6 MSD	SS 04	115	114
890-9523-7	SS 04	116	109
LCS 880-132332/2-A	Lab Control Sample	140 S1+	123
LCS 880-132333/2-A	Lab Control Sample	100	103
LCSD 880-132332/3-A	Lab Control Sample Dup	104	114
LCSD 880-132333/3-A	Lab Control Sample Dup	107	109
MB 880-132332/1-A	Method Blank	127	128
MB 880-132333/1-A	Method Blank	118	111

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

### QC Sample Results

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9523-1  
SDG: 03C1558795

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

Lab Sample ID: MB 880-132937/5-A  
Matrix: Solid  
Analysis Batch: 132908

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 132937

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/25/26 09:50	02/25/26 11:27	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/25/26 09:50	02/25/26 11:27	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/25/26 09:50	02/25/26 11:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		02/25/26 09:50	02/25/26 11:27	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/25/26 09:50	02/25/26 11:27	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/25/26 09:50	02/25/26 11:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	02/25/26 09:50	02/25/26 11:27	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/25/26 09:50	02/25/26 11:27	1

Lab Sample ID: MB 880-132967/5-A  
Matrix: Solid  
Analysis Batch: 132908

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 132967

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/25/26 11:29	02/25/26 22:25	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/25/26 11:29	02/25/26 22:25	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/25/26 11:29	02/25/26 22:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		02/25/26 11:29	02/25/26 22:25	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/25/26 11:29	02/25/26 22:25	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/25/26 11:29	02/25/26 22:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	02/25/26 11:29	02/25/26 22:25	1
1,4-Difluorobenzene (Surr)	93		70 - 130	02/25/26 11:29	02/25/26 22:25	1

Lab Sample ID: LCS 880-132967/1-A  
Matrix: Solid  
Analysis Batch: 132908

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 132967

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08688		mg/Kg		87	70 - 130
Toluene	0.100	0.1062		mg/Kg		106	70 - 130
Ethylbenzene	0.100	0.09878		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130
o-Xylene	0.100	0.1007		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: LCSD 880-132967/2-A  
Matrix: Solid  
Analysis Batch: 132908

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 132967

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08911		mg/Kg		89	70 - 130	3	35

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### QC Sample Results

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9523-1  
SDG: 03C1558795

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

Lab Sample ID: LCSD 880-132967/2-A  
Matrix: Solid  
Analysis Batch: 132908

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 132967

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Toluene	0.100	0.1030		mg/Kg		103	70 - 130	3	35	
Ethylbenzene	0.100	0.09567		mg/Kg		96	70 - 130	3	35	
m-Xylene & p-Xylene	0.200	0.1994		mg/Kg		100	70 - 130	2	35	
o-Xylene	0.100	0.09788		mg/Kg		98	70 - 130	3	35	
		<b>LCSD</b>	<b>LCSD</b>							
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>							
4-Bromofluorobenzene (Surr)	113		70 - 130							
1,4-Difluorobenzene (Surr)	94		70 - 130							

Lab Sample ID: 890-9527-A-1-B MS  
Matrix: Solid  
Analysis Batch: 132908

Client Sample ID: Matrix Spike  
Prep Type: Total/NA  
Prep Batch: 132967

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	<0.00200	U	0.100	0.07765		mg/Kg		78	70 - 130	
Toluene	<0.00200	U	0.100	0.07700		mg/Kg		77	70 - 130	
Ethylbenzene	<0.00200	U F1	0.100	0.06898	F1	mg/Kg		69	70 - 130	
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1347	F1	mg/Kg		66	70 - 130	
o-Xylene	0.00264	F1	0.100	0.06839	F1	mg/Kg		66	70 - 130	
		<b>MS</b>	<b>MS</b>							
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>							
4-Bromofluorobenzene (Surr)	99		70 - 130							
1,4-Difluorobenzene (Surr)	98		70 - 130							

Lab Sample ID: 890-9527-A-1-C MSD  
Matrix: Solid  
Analysis Batch: 132908

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA  
Prep Batch: 132967

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.07643		mg/Kg		76	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.07372		mg/Kg		74	70 - 130	4	35
Ethylbenzene	<0.00200	U F1	0.100	0.06254	F1	mg/Kg		63	70 - 130	10	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1078	F1	mg/Kg		53	70 - 130	22	35
o-Xylene	0.00264	F1	0.100	0.05737	F1	mg/Kg		55	70 - 130	18	35
		<b>MSD</b>	<b>MSD</b>								
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>								
4-Bromofluorobenzene (Surr)	83		70 - 130								
1,4-Difluorobenzene (Surr)	96		70 - 130								

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

Lab Sample ID: MB 880-132332/1-A  
Matrix: Solid  
Analysis Batch: 132932

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 132332

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		02/19/26 08:55	02/26/26 02:08		1

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### QC Sample Results

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9523-1  
SDG: 03C1558795

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

**Lab Sample ID: MB 880-132332/1-A**  
**Matrix: Solid**  
**Analysis Batch: 132932**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 132332**

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/19/26 08:55	02/26/26 02:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/19/26 08:55	02/26/26 02:08	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	127		70 - 130	02/19/26 08:55	02/26/26 02:08	1
o-Terphenyl	128		70 - 130	02/19/26 08:55	02/26/26 02:08	1

**Lab Sample ID: LCS 880-132332/2-A**  
**Matrix: Solid**  
**Analysis Batch: 132932**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 132332**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1002		mg/Kg		100	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1-Chlorooctane	140	S1+	70 - 130
o-Terphenyl	123		70 - 130

**Lab Sample ID: LCSD 880-132332/3-A**  
**Matrix: Solid**  
**Analysis Batch: 132932**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 132332**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	998.3		mg/Kg		100	70 - 130	0	20

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1-Chlorooctane	104		70 - 130
o-Terphenyl	114		70 - 130

**Lab Sample ID: 890-9522-A-11-B MS**  
**Matrix: Solid**  
**Analysis Batch: 132932**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 132332**

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	1000	1099		mg/Kg		110	70 - 130
Diesel Range Organics (Over C10-C28)	<50.2	U	1000	990.6		mg/Kg		99	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1-Chlorooctane	114		70 - 130
o-Terphenyl	128		70 - 130

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### QC Sample Results

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9523-1  
SDG: 03C1558795

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

Lab Sample ID: 890-9522-A-11-C MSD  
Matrix: Solid  
Analysis Batch: 132932

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA  
Prep Batch: 132332

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	1000	1083		mg/Kg		108	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.2	U	1000	912.7		mg/Kg		91	70 - 130	8	20
Surrogate	%Recovery	Qualifier	Limits					Prepared	Analyzed	Dil Fac	
1-Chlorooctane	143	S1+	70 - 130					02/19/26 08:58	02/26/26 02:08	1	
o-Terphenyl	125		70 - 130					02/19/26 08:58	02/26/26 02:08	1	

Lab Sample ID: MB 880-132333/1-A  
Matrix: Solid  
Analysis Batch: 132933

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 132333

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		02/19/26 08:58	02/26/26 02:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/19/26 08:58	02/26/26 02:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/19/26 08:58	02/26/26 02:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130			02/19/26 08:58	02/26/26 02:08	1
o-Terphenyl	111		70 - 130			02/19/26 08:58	02/26/26 02:08	1

Lab Sample ID: LCS 880-132333/2-A  
Matrix: Solid  
Analysis Batch: 132933

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 132333

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec	RPD	Limit
		Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	922.3		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	975.7		mg/Kg		98	70 - 130		
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	100		70 - 130						
o-Terphenyl	103		70 - 130						

Lab Sample ID: LCSD 880-132333/3-A  
Matrix: Solid  
Analysis Batch: 132933

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 132333

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	Limit
		Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1030		mg/Kg		103	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	1000	1070		mg/Kg		107	70 - 130	9	20

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### QC Sample Results

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9523-1  
SDG: 03C1558795

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

Lab Sample ID: LCSD 880-132333/3-A  
Matrix: Solid  
Analysis Batch: 132933

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 132333

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	107		70 - 130
o-Terphenyl	109		70 - 130

Lab Sample ID: 890-9523-6 MS  
Matrix: Solid  
Analysis Batch: 132933

Client Sample ID: SS 04  
Prep Type: Total/NA  
Prep Batch: 132333

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	998	1129		mg/Kg		112		70 - 130
Diesel Range Organics (Over C10-C28)	<50.4	U	998	1061		mg/Kg		106		70 - 130

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	116		70 - 130
o-Terphenyl	115		70 - 130

Lab Sample ID: 890-9523-6 MSD  
Matrix: Solid  
Analysis Batch: 132933

Client Sample ID: SS 04  
Prep Type: Total/NA  
Prep Batch: 132333

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier						Limit	
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	998	1136		mg/Kg		112		70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.4	U	998	1046		mg/Kg		105		70 - 130	1	20

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	115		70 - 130
o-Terphenyl	114		70 - 130

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

Lab Sample ID: MB 880-132393/1-A  
Matrix: Solid  
Analysis Batch: 132439

Client Sample ID: Method Blank  
Prep Type: Soluble

Analyte	MB		RL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier							
Chloride	<10.0	U	10.0	mg/Kg			02/20/26 13:43		1

Lab Sample ID: LCS 880-132393/2-A  
Matrix: Solid  
Analysis Batch: 132439

Client Sample ID: Lab Control Sample  
Prep Type: Soluble

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

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### QC Sample Results

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9523-1  
SDG: 03C1558795

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

Lab Sample ID: LCSD 880-132393/3-A  
Matrix: Solid  
Analysis Batch: 132439

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	253.9		mg/Kg		102	90 - 110	8	20

Lab Sample ID: 890-9522-A-17-C MS  
Matrix: Solid  
Analysis Batch: 132439

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	59.7		252	302.9		mg/Kg		97	90 - 110

Lab Sample ID: 890-9522-A-17-D MSD  
Matrix: Solid  
Analysis Batch: 132439

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	59.7		252	324.0		mg/Kg		105	90 - 110	7	20

Lab Sample ID: MB 880-132433/1-A  
Matrix: Solid  
Analysis Batch: 132470

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			02/20/26 16:50	1

Lab Sample ID: LCS 880-132433/2-A  
Matrix: Solid  
Analysis Batch: 132470

Client Sample ID: Lab Control Sample  
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	236.3		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-132433/3-A  
Matrix: Solid  
Analysis Batch: 132470

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	257.1		mg/Kg		103	90 - 110	8	20

Lab Sample ID: 890-9523-2 MS  
Matrix: Solid  
Analysis Batch: 132470

Client Sample ID: SS 01  
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	68.3		252	309.7		mg/Kg		96	90 - 110

Lab Sample ID: 890-9523-2 MSD  
Matrix: Solid  
Analysis Batch: 132470

Client Sample ID: SS 01  
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	68.3		252	333.0		mg/Kg		105	90 - 110	7	20

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### QC Association Summary

Client: Ensolum  
 Project/Site: JRU Legg pond

Job ID: 890-9523-1  
 SDG: 03C1558795

#### GC VOA

##### Analysis Batch: 132908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9523-1	SS 11	Total/NA	Solid	8021B	132967
890-9523-2	SS 01	Total/NA	Solid	8021B	132967
890-9523-3	SS 02	Total/NA	Solid	8021B	132967
890-9523-4	SS 02	Total/NA	Solid	8021B	132967
890-9523-5	SS 03	Total/NA	Solid	8021B	132967
890-9523-6	SS 04	Total/NA	Solid	8021B	132967
890-9523-7	SS 04	Total/NA	Solid	8021B	132967
MB 880-132937/5-A	Method Blank	Total/NA	Solid	8021B	132937
MB 880-132967/5-A	Method Blank	Total/NA	Solid	8021B	132967
LCS 880-132967/1-A	Lab Control Sample	Total/NA	Solid	8021B	132967
LCSD 880-132967/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132967
890-9527-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	132967
890-9527-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	132967

##### Prep Batch: 132937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-132937/5-A	Method Blank	Total/NA	Solid	5035	

##### Prep Batch: 132967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9523-1	SS 11	Total/NA	Solid	5035	
890-9523-2	SS 01	Total/NA	Solid	5035	
890-9523-3	SS 02	Total/NA	Solid	5035	
890-9523-4	SS 02	Total/NA	Solid	5035	
890-9523-5	SS 03	Total/NA	Solid	5035	
890-9523-6	SS 04	Total/NA	Solid	5035	
890-9523-7	SS 04	Total/NA	Solid	5035	
MB 880-132967/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132967/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132967/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9527-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
890-9527-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

##### Analysis Batch: 133102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9523-1	SS 11	Total/NA	Solid	Total BTEX	
890-9523-2	SS 01	Total/NA	Solid	Total BTEX	
890-9523-3	SS 02	Total/NA	Solid	Total BTEX	
890-9523-4	SS 02	Total/NA	Solid	Total BTEX	
890-9523-5	SS 03	Total/NA	Solid	Total BTEX	
890-9523-6	SS 04	Total/NA	Solid	Total BTEX	
890-9523-7	SS 04	Total/NA	Solid	Total BTEX	

#### GC Semi VOA

##### Prep Batch: 132332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9523-1	SS 11	Total/NA	Solid	8015NM Prep	
890-9523-2	SS 01	Total/NA	Solid	8015NM Prep	
890-9523-3	SS 02	Total/NA	Solid	8015NM Prep	
890-9523-4	SS 02	Total/NA	Solid	8015NM Prep	

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### QC Association Summary

Client: Ensolum  
 Project/Site: JRU Legg pond

Job ID: 890-9523-1  
 SDG: 03C1558795

#### GC Semi VOA (Continued)

##### Prep Batch: 132332 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9523-5	SS 03	Total/NA	Solid	8015NM Prep	
MB 880-132332/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-132332/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-132332/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9522-A-11-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9522-A-11-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

##### Prep Batch: 132333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9523-6	SS 04	Total/NA	Solid	8015NM Prep	
890-9523-7	SS 04	Total/NA	Solid	8015NM Prep	
MB 880-132333/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-132333/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-132333/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9523-6 MS	SS 04	Total/NA	Solid	8015NM Prep	
890-9523-6 MSD	SS 04	Total/NA	Solid	8015NM Prep	

##### Analysis Batch: 132932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9523-1	SS 11	Total/NA	Solid	8015B NM	132332
890-9523-2	SS 01	Total/NA	Solid	8015B NM	132332
890-9523-3	SS 02	Total/NA	Solid	8015B NM	132332
890-9523-4	SS 02	Total/NA	Solid	8015B NM	132332
890-9523-5	SS 03	Total/NA	Solid	8015B NM	132332
MB 880-132332/1-A	Method Blank	Total/NA	Solid	8015B NM	132332
LCS 880-132332/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	132332
LCSD 880-132332/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	132332
890-9522-A-11-B MS	Matrix Spike	Total/NA	Solid	8015B NM	132332
890-9522-A-11-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	132332

##### Analysis Batch: 132933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9523-6	SS 04	Total/NA	Solid	8015B NM	132333
890-9523-7	SS 04	Total/NA	Solid	8015B NM	132333
MB 880-132333/1-A	Method Blank	Total/NA	Solid	8015B NM	132333
LCS 880-132333/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	132333
LCSD 880-132333/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	132333
890-9523-6 MS	SS 04	Total/NA	Solid	8015B NM	132333
890-9523-6 MSD	SS 04	Total/NA	Solid	8015B NM	132333

##### Analysis Batch: 133074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9523-1	SS 11	Total/NA	Solid	8015 NM	
890-9523-2	SS 01	Total/NA	Solid	8015 NM	
890-9523-3	SS 02	Total/NA	Solid	8015 NM	
890-9523-4	SS 02	Total/NA	Solid	8015 NM	
890-9523-5	SS 03	Total/NA	Solid	8015 NM	
890-9523-6	SS 04	Total/NA	Solid	8015 NM	
890-9523-7	SS 04	Total/NA	Solid	8015 NM	

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### QC Association Summary

Client: Ensolum  
 Project/Site: JRU Legg pond

Job ID: 890-9523-1  
 SDG: 03C1558795

#### HPLC/IC

##### Leach Batch: 132393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9523-1	SS 11	Soluble	Solid	DI Leach	
MB 880-132393/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-132393/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-132393/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9522-A-17-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9522-A-17-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

##### Leach Batch: 132433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9523-2	SS 01	Soluble	Solid	DI Leach	
890-9523-3	SS 02	Soluble	Solid	DI Leach	
890-9523-4	SS 02	Soluble	Solid	DI Leach	
890-9523-5	SS 03	Soluble	Solid	DI Leach	
890-9523-6	SS 04	Soluble	Solid	DI Leach	
890-9523-7	SS 04	Soluble	Solid	DI Leach	
MB 880-132433/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-132433/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-132433/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9523-2 MS	SS 01	Soluble	Solid	DI Leach	
890-9523-2 MSD	SS 01	Soluble	Solid	DI Leach	

##### Analysis Batch: 132439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9523-1	SS 11	Soluble	Solid	300.0	132393
MB 880-132393/1-A	Method Blank	Soluble	Solid	300.0	132393
LCS 880-132393/2-A	Lab Control Sample	Soluble	Solid	300.0	132393
LCSD 880-132393/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	132393
890-9522-A-17-C MS	Matrix Spike	Soluble	Solid	300.0	132393
890-9522-A-17-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	132393

##### Analysis Batch: 132470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9523-2	SS 01	Soluble	Solid	300.0	132433
890-9523-3	SS 02	Soluble	Solid	300.0	132433
890-9523-4	SS 02	Soluble	Solid	300.0	132433
890-9523-5	SS 03	Soluble	Solid	300.0	132433
890-9523-6	SS 04	Soluble	Solid	300.0	132433
890-9523-7	SS 04	Soluble	Solid	300.0	132433
MB 880-132433/1-A	Method Blank	Soluble	Solid	300.0	132433
LCS 880-132433/2-A	Lab Control Sample	Soluble	Solid	300.0	132433
LCSD 880-132433/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	132433
890-9523-2 MS	SS 01	Soluble	Solid	300.0	132433
890-9523-2 MSD	SS 01	Soluble	Solid	300.0	132433

### Lab Chronicle

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9523-1  
SDG: 03C1558795

**Client Sample ID: SS 11**

**Lab Sample ID: 890-9523-1**

Date Collected: 02/17/26 12:01

Matrix: Solid

Date Received: 02/18/26 15:26

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	132967	02/25/26 11:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132908	02/26/26 04:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133102	02/26/26 04:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			133074	02/26/26 07:23	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	132332	02/19/26 08:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132932	02/26/26 07:23	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	132393	02/19/26 13:13	SA	EET MID
Soluble	Analysis	300.0		1			132439	02/20/26 16:23	CS	EET MID

**Client Sample ID: SS 01**

**Lab Sample ID: 890-9523-2**

Date Collected: 02/17/26 12:35

Matrix: Solid

Date Received: 02/18/26 15:26

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	132967	02/25/26 11:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132908	02/26/26 04:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133102	02/26/26 04:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			133074	02/26/26 07:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	132332	02/19/26 08:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132932	02/26/26 07:39	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	132433	02/20/26 08:01	SA	EET MID
Soluble	Analysis	300.0		1			132470	02/20/26 17:06	CS	EET MID

**Client Sample ID: SS 02**

**Lab Sample ID: 890-9523-3**

Date Collected: 02/17/26 12:40

Matrix: Solid

Date Received: 02/18/26 15:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	132967	02/25/26 11:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132908	02/26/26 05:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133102	02/26/26 05:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			133074	02/26/26 07:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132332	02/19/26 08:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132932	02/26/26 07:53	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	132433	02/20/26 08:01	SA	EET MID
Soluble	Analysis	300.0		5			132470	02/21/26 16:09	CS	EET MID

**Client Sample ID: SS 02**

**Lab Sample ID: 890-9523-4**

Date Collected: 02/17/26 13:15

Matrix: Solid

Date Received: 02/18/26 15:26

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	132967	02/25/26 11:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132908	02/26/26 05:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133102	02/26/26 05:27	SA	EET MID

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### Lab Chronicle

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9523-1  
SDG: 03C1558795

**Client Sample ID: SS 02**  
Date Collected: 02/17/26 13:15  
Date Received: 02/18/26 15:26

**Lab Sample ID: 890-9523-4**  
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			133074	02/26/26 08:09	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	132332	02/19/26 08:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132932	02/26/26 08:09	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	132433	02/20/26 08:01	SA	EET MID
Soluble	Analysis	300.0		1			132470	02/20/26 17:27	CS	EET MID

**Client Sample ID: SS 03**  
Date Collected: 02/17/26 12:45  
Date Received: 02/18/26 15:26

**Lab Sample ID: 890-9523-5**  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	132967	02/25/26 11:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132908	02/26/26 05:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133102	02/26/26 05:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			133074	02/26/26 08:23	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	132332	02/19/26 08:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132932	02/26/26 08:23	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	132433	02/20/26 08:01	SA	EET MID
Soluble	Analysis	300.0		1			132470	02/20/26 17:33	CS	EET MID

**Client Sample ID: SS 04**  
Date Collected: 02/17/26 12:50  
Date Received: 02/18/26 15:26

**Lab Sample ID: 890-9523-6**  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	132967	02/25/26 11:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132908	02/26/26 06:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133102	02/26/26 06:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			133074	02/26/26 02:54	SA	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10.00 mL	132333	02/19/26 08:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132933	02/26/26 02:54	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	132433	02/20/26 08:01	SA	EET MID
Soluble	Analysis	300.0		5			132470	02/20/26 17:38	CS	EET MID

**Client Sample ID: SS 04**  
Date Collected: 02/17/26 13:25  
Date Received: 02/18/26 15:26

**Lab Sample ID: 890-9523-7**  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	132967	02/25/26 11:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132908	02/26/26 06:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133102	02/26/26 06:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			133074	02/26/26 03:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132333	02/19/26 08:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132933	02/26/26 03:39	FC	EET MID

Eurofins Carlsbad

### Lab Chronicle

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9523-1  
SDG: 03C1558795

**Client Sample ID: SS 04**  
**Date Collected: 02/17/26 13:25**  
**Date Received: 02/18/26 15:26**

**Lab Sample ID: 890-9523-7**  
**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	132433	02/20/26 08:01	SA	EET MID
Soluble	Analysis	300.0		1			132470	02/20/26 17:54	CS	EET MID

**Laboratory References:**

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

- 1
- 2
- 3
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### Accreditation/Certification Summary

Client: Ensolum  
Project/Site: JRU Legg pond

Job ID: 890-9523-1  
SDG: 03C1558795

#### Laboratory: Eurofins Midland

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

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

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

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

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

### Method Summary

Client: Ensolum  
 Project/Site: JRU Legg pond

Job ID: 890-9523-1  
 SDG: 03C1558795

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: JRU Legg pond

Job ID: 890-9523-1  
SDG: 03C1558795

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9523-1	SS 11	Solid	02/17/26 12:01	02/18/26 15:26	
890-9523-2	SS 01	Solid	02/17/26 12:35	02/18/26 15:26	1
890-9523-3	SS 02	Solid	02/17/26 12:40	02/18/26 15:26	1
890-9523-4	SS 02	Solid	02/17/26 13:15	02/18/26 15:26	2
890-9523-5	SS 03	Solid	02/17/26 12:45	02/18/26 15:26	1
890-9523-6	SS 04	Solid	02/17/26 12:50	02/18/26 15:26	1
890-9523-7	SS 04	Solid	02/17/26 13:25	02/18/26 15:26	2

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- 12
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890-9523 Chain of Custody

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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



Project Manager: Tracy Hillard  
 Company Name: Ensolum  
 Address: 3122 National Parks Hwy  
 City, State ZIP: Carlsbad, NM 88220  
 Phone: 575-937-3906

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

Program: UST/PST RP rownfields rc perfund   
 State of Project: Reporting: Level II  Level III  PST/UST  TRRP  Level IV   
 Deliverables: EDD  ADaPT  Other:

ANALYSIS REQUEST										Preservative Codes			
Project Name:	Turn Around	Pres. Code	Parameters							Sample Comments			
JRU Legg Pond	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	TPH	BTEX	Chlorides	None: NO	DI Water: H <sub>2</sub> O
Project Number: 03C1558795	Due Date: 32.377911, -103.829777		Soil	2/17/2026	1201	Surface	Grab	1	✓	✓	✓	Cool: Cool	MeOH: Me
Project Location: Evan Roe			Soil	2/17/2026	1235	1	Grab	1	✓	✓	✓	HCL: HC	HNO <sub>3</sub> : HN
Sampler's Name: Evan Roe			Soil	2/17/2026	1240	1	Grab	1	✓	✓	✓	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
PO #: 575-937-3906			Soil	2/17/2026	1315	2	Grab	1	✓	✓	✓	H <sub>3</sub> PO <sub>4</sub> : HP	
SAMPLE RECEIPT	Temp Blank: (Yes No) (Yes No)		Soil	2/17/2026	1245	1	Grab	1	✓	✓	✓	NaHSO <sub>4</sub> : NABIS	
Samples Received Intact: (Yes No)	Thermometer ID: 11111111		Soil	2/17/2026	1250	1	Grab	1	✓	✓	✓	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
Cooler Custody Seals: (Yes No) N/A	Correction Factor: 0.2		Soil	2/17/2026	1325	2	Grab	1	✓	✓	✓	Zn Acetate+NaOH: Zn	
Sample Custody Seals: (Yes No) N/A	Temperature Reading: 5.2											NaOH+Ascorbic Acid: SAPC	
Total Containers: 5, 0	Corrected Temperature: 5.0												

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO<sub>2</sub> Na Sr Ti Sn U V Zn  
 Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	2/18 15:26	



**Eurofins Carlsbad**

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

**Chain of Custody Record**



Environment Testing

**Client Information (Sub Contract Lab)**

Client Contact:   
 Shipping/Receiving:   
 Company: Eurofins Environment Testing South Cent

Sampler:   
 Phone:   
 N/A

Lab PM:   
 E-Mail: Jessica.Kramer@eurofins.com

Carrier Tracking No(s):   
 State of Origin: New Mexico

COC No:   
 Page:   
 Page 1 of 1

Address: 1211 W Florida Ave.   
 City: Midland   
 State Zip: TX, 79701   
 Phone: 432-704-5440(Tel)   
 Email:   
 Project Name: JRU Leggs pond   
 Site:   
 N/A

Due Date Requested: 2/24/2026   
 TAT Requested (days): N/A   
 PO #:   
 W/O #:   
 Project #: 89000110   
 SSOV#:   
 N/A

**Analysis Requested**

Job #: 890-9523-1   
 Preservation Codes:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=solid, O=overfill, B=traceable Anal)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep(MOD) Full TPH	8015MOD_Calc	300_ORGFM_28D/DI_LEACHChloride	8021B/5035FP_Calc(MOD) BTEX	Total_BTEX_GCV	Total Number of containers	Special Instructions/Note:
<del>SS 11 (890-9523-1)</del>	<del>2/17/26</del>	<del>12 01</del>	<del>Mountain</del>	<del>G</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>1</del>	<del></del>
<del>SS 01 (890-9523-2)</del>	<del>2/17/26</del>	<del>12 35</del>	<del>Mountain</del>	<del>G</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>1</del>	<del></del>
<del>SS 02 (890-9523-3)</del>	<del>2/17/26</del>	<del>12 40</del>	<del>Mountain</del>	<del>G</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>1</del>	<del></del>
<del>SS 02 (890-9523-4)</del>	<del>2/17/26</del>	<del>13 15</del>	<del>Mountain</del>	<del>G</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>1</del>	<del></del>
<del>SS 03 (890-9523-5)</del>	<del>2/17/26</del>	<del>12 45</del>	<del>Mountain</del>	<del>G</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>1</del>	<del></del>
<del>SS 04 (890-9523-6)</del>	<del>2/17/26</del>	<del>12 50</del>	<del>Mountain</del>	<del>G</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>1</del>	<del></del>
<del>SS 04 (890-9523-7)</del>	<del>2/17/26</del>	<del>13 25</del>	<del>Mountain</del>	<del>G</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>1</del>	<del></del>

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

**Possible Hazard Identification**

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)   
 Return To Client  Disposal By Lab  Archive For  Months   
 Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date	Time	Received by:	Method of Shipment:
Relinquished by: <i>[Signature]</i>	Date/Time: 2/17/26	1630	Received by: <i>[Signature]</i>	Date/Time: Company: Company:
Relinquished by:	Date/Time:		Received by:	Date/Time: Company: Company:
Relinquished by:	Date/Time:		Received by:	Date/Time: Company: Company:

Custody Seals Intact:  Yes  No   
 Custody Seal No:   
 Cooler Temperature(s) °C and Other Remarks:   
 Ver: 10/10/2024

### Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9523-1

SDG Number: 03C1558795

**Login Number: 9523**

**List Number: 1**

**Creator: Lopez, Abraham**

**List Source: Eurofins Carlsbad**

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

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- 9
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- 11
- 12
- 13
- 14

### Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9523-1

SDG Number: 03C1558795

Login Number: 9523

List Source: Eurofins Midland

List Number: 2

List Creation: 02/19/26 08:29 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 E

### Spill Volume Calculation

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**Oil or Water Spill TO SOIL Volume Spreadsheet**

Calculator Updated 11/17/2015

INPUT FIELDS
OUTPUT
RESULT

Types of Soil	Porosity Factor
Gravel	0.25
Sand	0.20
Clay/silt/sand Mix	0.15
Clay	0.05
Caliche	0.03
Unknown	0.25

Location:	JRU Apache Pad E
GPS Coordinates:	32.377976, -103.829521
Spill Date:	12/4/2025
Spill Time:	NA

Length of Spill=		feet
Width of Spill=		feet
Saturation (or depth) of Spill=		inches

OR

Area=	2,514.00	ft <sup>2</sup>
Saturation (or depth) of Spill=	4.00	inches

OR

Soil Volume=		yd <sup>3</sup>
--------------	--	-----------------

Oil Cut=	-	% Oil
Porosity Factor=	0.20	

Soil Volume=	31.04	yd <sup>3</sup>
Total Oil in Soil=	-	barrels
Total Produced Water in Soil=	29.85	barrels

Volume Picked up	-	bbls
------------------	---	------

**TOTAL VOLUME OF LEAK (SOAK AND RECOVERED)**

Total Oil=	-	barrels
Total Produced Water=	29.85	barrels

**TOTAL VOLUME RECOVERED**

Total Oil=	-	barrels
Total Produced Water=	-	barrels

**RRC NOTIFICATION REQUIREMENTS**

OIL LEAK => 5 BBLS
WATER LEAK =>30 BBLS
Take Photos of spill before cleanup
Make Sketch of Spill Area

**STEP 1**  
USED TO  
CALCULATE  
SOAK INTO THE  
GROUND. ONLY  
USE ONE  
METHOD

**STEP 2**  
INPUT OIL CUT  
AND POROSITY  
FROM ABOVE  
CHART

**STEP 3**  
INPUT VOLUME  
VAC TRUCK  
RECOVERED

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

QUESTIONS

Action 532288

**QUESTIONS**

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 532288
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2533938063
Incident Name	NAPP2533938063 JRU LEGG POND @ FAB1805930906
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received
Incident Facility	[fAB1805930906] JRU LEGG RECYCLING FACILITY

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	JRU LEGG POND
Date Release Discovered	12/03/2025
Surface Owner	Federal

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

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Other   Other (Specify)   Produced Water   Released: 30 BBL   Recovered: 0 BBL   Lost: 30 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)	During a pressure, test a hole was discovered in the layflat water line being tested.

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QUESTIONS, Page 2

Action 532288

**QUESTIONS (continued)**

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 532288
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>Yes</b>
Reasons why this would be considered a submission for a notification of a major release	<b>From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.</b>
<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	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEEnvNotifications@exxonmobil.com Date: 12/05/2025
--	--

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QUESTIONS, Page 3

Action 532288

**QUESTIONS (continued)**

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 532288
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**QUESTIONS**

<b>Site Characterization</b>	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Not answered.
What method was used to determine the depth to ground water	Not answered.
Did this release impact groundwater or surface water	Not answered.
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
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.

<b>Remediation Plan</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	No
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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CONDITIONS

Action 532288

**CONDITIONS**

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 532288
	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 remediation closure report is due to the OCD no later than 03/09/2025, within 90-days after the discovery of the release.	12/8/2025

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QUESTIONS

Action 560496

**QUESTIONS**

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 560496
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2533938063
Incident Name	NAPP2533938063 JRU LEGG POND @ FAB1805930906
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received
Incident Facility	[fAB1805930906] JRU LEGG RECYCLING FACILITY

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	JRU LEGG POND
Date Release Discovered	12/03/2025
Surface Owner	Federal

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

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Other   Other (Specify)   Produced Water   Released: 30 BBL   Recovered: 0 BBL   Lost: 30 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)	During a pressure, test a hole was discovered in the layflat water line being tested.

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QUESTIONS, Page 2

Action 560496

**QUESTIONS (continued)**

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 560496
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>Yes</b>
Reasons why this would be considered a submission for a notification of a major release	<b>From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.</b>

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

**Initial Response**

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

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

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

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

I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEEnvNotifications@exxonmobil.com Date: 03/06/2026
--	--

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QUESTIONS, Page 3

Action 560496

**QUESTIONS (continued)**

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 560496
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**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
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 100 and 200 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1/2 and 1 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

**Remediation Plan**

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

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

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

Chloride (EPA 300.0 or SM4500 Cl B)	4490
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	02/17/2026
On what date will (or did) the final sampling or liner inspection occur	06/08/2026
On what date will (or was) the remediation complete(d)	06/08/2026
What is the estimated surface area (in square feet) that will be reclaimed	2528
What is the estimated volume (in cubic yards) that will be reclaimed	120
What is the estimated surface area (in square feet) that will be remediated	2528
What is the estimated volume (in cubic yards) that will be remediated	120

*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.*

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 4

Action 560496

**QUESTIONS (continued)**

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 560496
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**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 <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> 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: 03/06/2026
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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 560496

**QUESTIONS (continued)**

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 560496
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Deferral Requests Only</b>	
<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 560496

**QUESTIONS (continued)**

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 560496
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>560506</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>02/17/2026</b>
What was the (estimated) number of samples that were to be gathered	<b>17</b>
What was the sampling surface area in square feet	<b>2528</b>

**Remediation Closure Request**

*Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.*

Requesting a remediation closure approval with this submission	<b>No</b>
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CONDITIONS

Action 560496

**CONDITIONS**

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 560496
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**CONDITIONS**

Created By	Condition	Condition Date
michael.buchanan	Remediation and Site Characterization plan is approved for the incident at JRU Legg Pond.	3/18/2026