

CLOSURE REPORT

Property:

Lateral 2C-39 (12/04/24) Unit Letter G, S08 T25N R03W Rio Arriba County, New Mexico

New Mexico EMNRD OCD Incident ID No. NAPP2433944047

March 31, 2025

Ensolum Project No. 05A1226356

Prepared for:

Enterprise Field Services, LLC 614 Reilly Avenue Farmington, NM 87401 Attn: Mr. Thomas Long

Prepared by:

Chad D'Aponti Project Scientist

umm

Kyle Summers Senior Managing Geologist

Ensolum, LLC | Environmental, Engineering & Hydrogeologic Consultants

606 South Rio Grande, Suite A | Aztec, NM 87410 | ensolum.com

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E N S O L U M

1.0 INTRODUCTION

1.1 Site Description & Background

Operator:	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)
Site Name:	Lateral 2C-39 (12/04/24) (Site)
NM EMNRD OCD Incident ID No.	NAPP2433944047
Location:	36.41286° North, 107.16517° West Unit Letter G, Section 08, Township 25 North, Range 03 West Rio Arriba County, New Mexico
Property:	Private Property
Regulatory:	New Mexico (NM) Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

On December 4, 2024, Enterprise personnel identified a release of natural gas and associated pipeline liquids from the Lateral 2C-39 pipeline. Enterprise subsequently isolated and locked the pipeline out of service, and initiated activities to repair the pipeline. Enterprise determined the release was "reportable" and the NM EMNRD OCD was subsequently notified.

A **Topographic Map** depicting the location of the Site is included as **Figure 1**, and a **Site Vicinity Map** is included as **Figure 2** in **Appendix A**.

1.2 **Project Objective**

The primary objective of the closure activities was to reduce constituent of concern (COC) concentrations in the on-site soils to below the applicable NM EMNRD OCD closure criteria.

2.0 CLOSURE CRITERIA

The Site is subject to regulatory oversight by the NM EMNRD OCD. During the evaluation and remediation of the Site, Ensolum, LLC (Ensolum) referenced New Mexico Administrative Code (NMAC) 19.15.29 *Releases*, which establishes investigation and abatement action requirements for oil and gas release sites that are subject to reporting and/or corrective action. The appropriate closure criteria for sites are determined using the siting requirements outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC. Ensolum utilized the general site characteristics and information available from NM state agency databases and federal agency geospatial databases to determine the appropriate closure criteria for the Site. Supporting figures and documentation associated with the following Siting bullets are provided in **Appendix B**.

The NM Office of the State Engineer (OSE) tracks the usage and assignment of water rights and water well installations and records this information in the Water Rights Reporting System (WRRS) database. Water wells and other points of diversion (PODs) are each assigned POD numbers in the database (which is searchable and includes an interactive map). One POD was identified in the same Public Land Survey System (PLSS) section and two PODs were identified in adjacent PLSS sections (Figure A, Appendix B). The closest POD with a recorded depth to water (SJ-01305) is approximately 0.65 miles southwest of the site and approximately 20 feet higher in elevation than the Site. The recorded depth to water (DTW) for this POD is 265 feet below grade surface (bgs). POD SJ-04364 POD 8 is approximately 1.26 miles southwest of the site and approximately 58 feet higher in elevation than the Site. The recorded DTW for this POD is 31 feet below grade surface (bgs).

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- No cathodic protection wells (CPWs) were identified in the NM EMNRD OCD imaging database in the same or adjacent PLSS sections (**Figure B** (**Appendix B**)).
- The Site is located within 300 feet of a NM EMNRD OCD-defined continuously flowing watercourse or significant watercourse (**Figure C**, **Appendix B**). As defined by the NM EMNRD OCD in their training seminar, a first order drainage to a "blue line" ephemeral wash is considered a significant watercourse. Such a drainage is located approximately 114 feet east of the Site.
- The Site is not located within 200 feet of a lakebed, sinkhole, or playa lake.
- The Site is not located within 300 feet of a permanent residence, school, hospital, institution, or church (Figure D, Appendix B).
- No springs, or private domestic freshwater wells used by less than five households for domestic or stock watering purposes were identified within 500 feet of the Site (Figure E, Appendix B).
- No freshwater wells or springs were identified within 1,000 feet of the Site (Figure E, Appendix B).
- The Site is not located within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to New Mexico Statutes Annotated (NMSA) 1978, Section 3-27-3.
- Based on information identified in the U.S. Fish & Wildlife Service National Wetlands Inventory Wetlands Mapper, the Site is not within 300 feet of a wetland (Figure F, Appendix B). The Site is approximately 430 feet from a riverine that is classified as a wetland.
- Based on information identified in the NM Mining and Minerals Division's Geographic Information System (GIS) Maps and Mine Data database, the Site is not within an area overlying a subsurface mine (**Figure G**, **Appendix B**).
- The Site is not located within an unstable area per Paragraph (6) of Subsection U of 19.15.2.7 NMAC.
- Based on information provided by the Federal Emergency Management Agency (FEMA) National Flood Hazard Layer (NFHL) geospatial database, the Site is not within a 100-year floodplain (**Figure H**, **Appendix B**).

The Site is located within 300 feet of a NM EMNRD OCD-defined continuously flowing watercourse or significant watercourse, resulting in a Tier I ranking. The closure criteria for soils remaining in place at the Site include:



Closure Report Enterprise Field Services, LLC Lateral 2C-39 (12/04/24)

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Tier I Closure Criteria for Soils Impacted by a Release								
Constituent ¹	Method	Limit						
Chloride	EPA 300.0 or SM4500 CI B	600 mg/kg						
TPH (GRO+DRO+MRO) ²	EPA SW-846 Method 8015	100 mg/kg						
BTEX ³	EPA SW-846 Method 8021 or 8260	50 mg/kg						
Benzene	EPA SW-846 Method 8021 or 8260	10 mg/kg						

¹ – Constituent concentrations are in milligrams per kilogram (mg/kg).

² – Total Petroleum Hydrocarbons (TPH). Gasoline Range Organics (GRO). Diesel Range Organics (DRO). Motor Oil/Lube Oil Range Organics (MRO).

³ – Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX).

3.0 SOIL REMEDIATION ACTIVITIES

On December 4, 2024, Enterprise initiated activities to repair the pipeline and remediate petroleum hydrocarbon impact resulting from the release. During the remediation and corrective action activities, Sierra Oilfield Construction, Inc. provided heavy equipment and labor support, while Ensolum provided environmental consulting support.

The excavation measured approximately 15 feet long and 9 feet wide at the maximum extents, with an approximate 135 ft² footprint. The maximum depth of the excavation measured approximately 8 feet bgs. The lithology encountered during the completion of remediation activities consisted primarily of unconsolidated silty sandy clay.

Approximately 64 cubic yards (yd³) of petroleum hydrocarbon-affected soils were transported to the Envirotech, Inc., (Envirotech) landfarm in San Juan County, NM for disposal/remediation. The executed C-138 solid waste acceptance form is provided in **Appendix C**. The excavation was backfilled with imported fill and then contoured to the surrounding grade.

Figure 3 is a map that identifies approximate soil sample locations and depicts the approximate dimensions of the excavation with respect to the pipeline (**Appendix A**). Photographic documentation of the field activities is included in **Appendix D**.

4.0 SOIL SAMPLING PROGRAM

Ensolum field screened the soil samples from the excavation utilizing a calibrated Dexsil PetroFLAG[®] hydrocarbon analyzer system and a photoionization detector (PID) fitted with a 10.6 eV lamp to guide excavation extents.

Ensolum's soil sampling program included the collection of five composite soil samples (S-1 through S-5) from the excavation and one composite sample (BF-1) from the backfill for laboratory analysis. The composite samples were comprised of five aliquots each and represent an estimated 200 square foot (ft²) or less sample area per guidelines outlined in Section D of 19.15.29.12 NMAC. The excavator bucket and/or hand tools were utilized to obtain fresh aliquots from each area of the excavation. Regulatory correspondence is provided in **Appendix E**.

First Sampling Event

On December 5, 2024, sampling was performed at the Site. The NM EMNRD OCD was notified of the sampling event although no representative was present during sampling activities. Composite soil sample S-1 (8') was collected from the floor of the excavation. Composite soil samples S-2 (0' to 8'), S-3 (0' to 8'), S-4 (0' to 8'), and S-5 (0' to 8') were collected from the walls of the excavation.



Second Sampling Event

On January 23, 2025, sampling was performed at the Site. The NM EMNRD OCD was notified of the sampling event although no representative was present during sampling activities. Composite soil sample BF-1 was collected from the imported fill.

All soil samples were collected and placed in laboratory-prepared glassware. The containers were labeled and sealed using the laboratory-supplied labels and custody seals and were stored on ice in a cooler. The samples were relinquished to the courier for Eurofins Environment Testing South Central, LLC (Eurofins) of Albuquerque, NM, under proper chain-of-custody procedures.

5.0 SOIL LABORATORY ANALYTICAL METHODS

The composite soil samples were analyzed for BTEX using Environmental Protection Agency (EPA) SW-846 Method 8021; TPH GRO/DRO/MRO using EPA SW-846 Method 8015; and chlorides using EPA Method 300.0.

The laboratory analytical results are summarized in **Table 1** (**Appendix F**). The laboratory data sheets and executed chain-of-custody forms are provided in **Appendix G**.

6.0 SOIL DATA EVALUATION

Ensolum compared the benzene, BTEX, TPH, and chloride laboratory analytical results or laboratory practical quantitation limits (PQLs) / reporting limits (RLs) associated with the composite soil samples (S-1 through S-5, and BF-1) to the applicable NM EMNRD OCD closure criteria. Due to the high PQLs/RLs typically associated with TPH MRO results when using EPA SW-846 Method 8015, Ensolum only compared the quantified TPH results to the New Mexico EMNRD OCD closure criteria. The laboratory analytical results are summarized in **Table 1** (**Appendix F**).

- The laboratory analytical results for the composite soil samples indicate that benzene is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 10 mg/kg.
- The laboratory analytical results for composite soil samples S-1 through S-5 indicate total BTEX concentrations ranging from 0.088 mg/kg (S-1) to 0.22 mg/kg (S-5) which are less than the NM ENMRD OCD closure criteria of 50 mg/kg. Total BTEX was not detected in composite soil sample BF-1 at a concentration greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 50 mg/kg.
- The laboratory analytical results for the composite soil samples collected from the soils remaining at the Site indicate total combined TPH GRO/DRO/MRO is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 100 mg/kg.
- The laboratory analytical results for composite soil samples S-1, S-2 and S-4 indicate chloride concentrations ranging from 72 mg/kg (S-1) to 87 mg/kg (S-2 and S-4), which are less than the NM EMNRD OCD closure criteria of 600 mg/kg. The analytical results for the other composite soil samples collected from soils remaining at the Site indicate that chloride concentrations are less than the laboratory PQLs / RLs, which are less than the NM EMNRD OCD closure criteria of 600 mg/kg.

ENSOLUM

7.0 RECLAMATION

The excavation was backfilled with imported fill and then contoured to the surrounding grade. The backfill and the upper four feet of the excavation have been analytically verified to be below the Tier I soil standards of 50 mg/kg BTEX, 10 mg/kg benzene, 100 mg/kg total combined TPH, and 600 mg/kg Chloride. See **APPENDIX D** and **APPENDIX F** for further documentation.

8.0 **REVEGETATION**

Revegetation will be addressed in accordance with 19.15.29.13 NMAC utilizing the recommended seed mix as described in the Vegetation Community Descriptions and Seed Mixes provided by the BLM Farmington Field Office. In this case the surrounding flood-plain/wash vegetation is predominantly of the Grassland Vegetation Community. Enterprise will reseed the area with the appropriate seed mix during the next favorable growing season. Enterprise will provide revegetation documentation under separate cover.

9.0 FINDINGS AND RECOMMENDATION

- Six composite soil samples were collected from the Site. Based on laboratory analytical results, no benzene, total BTEX, chloride, or total combined TPH GRO/DRO/MRO exceedances were identified in the soils remaining at the Site.
- Approximately 64 yd³ of petroleum hydrocarbon-affected soils were transported to the Envirotech landfarm for disposal/remediation.

Based on field observations and laboratory analytical results, no additional investigation or corrective action appears warranted at this time.

10.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

10.1 Standard of Care

Ensolum's services were performed in accordance with standards customarily provided by a firm rendering the same or similar services in the area during the same time period. Ensolum makes no warranties, express or implied, as to the services performed hereunder. Additionally, Ensolum does not warrant the work of third parties supplying information used in the report (e.g., laboratories, regulatory agencies, or other third parties).

10.2 Limitations

Findings, conclusions, and recommendations resulting from these services are based upon information derived from the on-Site activities and other services performed under this scope of work, and it should be noted that this information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, or not present during these services, and Ensolum cannot represent that the Site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during the investigation. Environmental conditions at other areas or portions of the Site may vary from those encountered at actual sample locations. Ensolum's findings and recommendation are based solely upon data available to Ensolum at the time of these services.

L E N S O L U M

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10.3 Reliance

This report has been prepared for the exclusive use of Enterprise, and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the Site) is prohibited without the express written authorization of Enterprise and Ensolum. Any unauthorized distribution or reuse is at the client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions, and limitations stated in the report and Ensolum's Master Services Agreement. The limitation of liability defined in the agreement is the aggregate limit of Ensolum's liability to the client.





APPENDIX A

Figures

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APPENDIX B

Siting Figures and Documentation

Received by OCD: 4/21/2025 9:22:39 AM



Received by OCD: 4/21/2025 9:22:39 AM





Enterprise Field Services, LLC Lateral 2C-39 Project Number: 05A1221356 Unit Letter G, S08, T25N R03W, Rio Arriba County, New Mexico 36.41286, -107.16517

FIGURE





300 Foot Radius Watercourse and Drainage Identification Enterprise Field Services, LLC Lateral 2C-39 Project Number: 05A1221356 Unit Letter G, S08, T25N R03W, Rio Arriba County, New Mexico 36.41286, -107.16517

FIGURE

С

Received by OCD: 4/21/2025 9:22:39 AM







Natural Spring Location Enterprise Field Services, LLC Lateral 2C-39 Project Number: 05A1221356 Unit Letter G, S08, T25N R03W, Rio Arriba County, New Mexico 36.41286, -107.16517

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Received by OCD: 4/21/2025 9:22:39 AM



Received by OCD: 4/21/2025 9:22:39 AM







APPENDIX C

Executed C-138 Solid Waste Acceptance Form Received by OCD: 4/21/2025 9:22:39 AM

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-138 Revised 08/01/11

*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Generator Name and Address:	
Enterprise Field Services, LLC, 614 Reilly Ave, Farmington NM 87401	PayKey:AM14058
	PM: Dwayne Dixon AFE: Pending
2. Originating Site:	The lot i entiting
Lateral 2C-39	
3. Location of Material (Street Address, City, State or ULSTR):	
UL G Section 8 T25N R3W; 36.412578, -107.165110	
4. Source and Description of Waste:	
Source: Remediation activities associated with a natural gas pipeline leak.	
Description: Hydrocerbon/Condensate impacted soil associated natural gas pipeline release. Estimated Volume 50 yd ³ / bbls Known Volume (to be entered by the operator at the end	l of the haul) <u>$G4$</u> (yd ³) bbls
5. GENERATOR CERTIFICATION STATEMENT OF WA	STE STATUS
There in the	
I, Thomas Long ^{thern} ^{Lerg} , representative or authorized agent for Enterprise Products Operation	ng do hereby
Generator Signature certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Et	vironmental Protection Agency's July 1988
regulatory determination, the above described waste is: (Check the appropriate classification)	
RCRA Exempt: Oil field wastes generated from oil and gas exploration and production	ion operations and are not mixed with non-
exempt waste. Operator Use Only: Waste Acceptance Frequency Monthly	Weekly 🗌 Per Load
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed th characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous subpart D, as amended. The following documentation is attached to demonstrate the abort the appropriate items)	ous waste as defined in 40 CFR, part 261,
☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge [] Other (Provide description in Box 4)
GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEM	
GENERATOR 17.13.30.13 WASTE TESTING CERTIFICATION STATEM	ENT FOR LANDFARMS
I, Thomas Long 8-1-2024, representative for Enterprise Products Operating author Generator Signature the required testing/sign the Generator Waste Testing Certification.	rizes Envirotech, Inc. to complete
I, <u>Grea</u> <u>Crea</u> <u>Streat</u> , representative for <u>Envirotech, Inc.</u> representative samples of the oil field waste have been subjected to the paint filter test and test	do hereby certify that
have been found to conform to the specific requirements applicable to landfarms pursuant to S	
of the representative samples are attached to demonstrate the above-described waste conform	
19.15.36 NMAC.	•
5. Transporter: TBD	
OCD Permitted Surface Waste Management Facility	
Name and Facility Permit #: Envirotech Inc. Soil Remediation Facility * Permit #: NM Address of Facility: Hilltop, NM Method of Treatment and/or Disposal: Evaporation Injection Treating Plant Andfarm I	101-0011
Waste Acceptance Status:	(Must Be Maintained As Permanent Record)
PRINT NAME: Gradbred SIGNATURE: Sufface Waste Management Facility Authorized Agent TITLE: Enviro Management Solities Authorized Agent	Zen DATE: <u>12/4/24</u> 32-0615



APPENDIX D

Photographic Documentation

Photograph 1

SITE PHOTOGRAPHS

Enterprise Field Services, LLC Closure Report Lateral 2C-39 Pipeline Release Ensolum Project No. 05A1226356



Photograph Description: View of the inprocess excavation activities. Photograph 3 Photograph Description: View of the final excavation after initial restoration.

Photograph 2

Photograph Description: View of the final excavation.



APPENDIX E

Regulatory Correspondence

From:	OCDOnline@state.nm.us
То:	Long, Thomas
Subject:	[EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 408561
Date:	Wednesday, December 4, 2024 12:51:23 PM

[Use caution with links/attachments]

To whom it may concern (c/o Thomas Long for Enterprise Field Services, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2433944047.

The sampling event is expected to take place:

When: 12/05/2024 @ 10:00 **Where:** G-08-25N-03W 0 FNL 0 FEL (36.41286,-107.16517)

Additional Information: Ensolum, LLC

Additional Instructions: 36.41286,-107.16517

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

• Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

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

From:	Kyle Summers
To:	Landon Daniell
Subject:	FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 421746
Date:	Thursday, January 16, 2025 2:11:09 PM
Attachments:	image002.png
	image003.png
	image004.png
	image005.png



Kyle Summers Principal 903-821-5603 Ensolum, LLC in f

From: Long, Thomas <tjlong@eprod.com>
Sent: Thursday, January 16, 2025 1:58 PM
To: Kyle Summers <ksummers@ensolum.com>; Chad D'Aponti <cdaponti@ensolum.com>
Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 421746

[**EXTERNAL EMAIL**]

2C-39 (2)

Thomas J. Long Senior Environmental Scientist Enterprise Products Company 614 Reilly Ave. Farmington, New Mexico 87401 505-599-2286 (office) 505-215-4727 (Cell) tjlong@eprod.com



From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Thursday, January 16, 2025 1:56 PM

To: Long, Thomas <<u>tjlong@eprod.com</u>>

Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 421746

[Use caution with links/attachments]

To whom it may concern (c/o Thomas Long for Enterprise Field Services, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2433944047.

The sampling event is expected to take place:

When: 01/23/2025 @ 10:00 **Where:** G-08-25N-03W 0 FNL 0 FEL (36.41286,-107.16517)

Additional Information: Ensolum LLC

Additional Instructions: 36.41286,-107.16517

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

• Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive Santa Fe, NM 87505

This message (including any attachments) is confidential and intended for a specific individual and purpose. If you are not the intended recipient, please notify the sender immediately and delete this message.



APPENDIX F

Table 1 – Soil Analytical Summary

E N S O L U M

TABLE 1 Lateral 2C-39 (12/4/24) SOIL ANALYTICAL SUMMARY													
Sample I.D.	Date	Sample Type C- Composite G - Grab	Sample Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX ¹ (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total Combined TPH (GRO/DRO/MRO) ¹ (mg/kg)	Chloride (mg/kg)
New Mexico Energy, Mineral & Natural Resources Department Oil Conservation Division Closure Criteria (Tier I)				10	NE	NE	NE	50	NE	NE	NE	100	600
Excavation Composite Soil Samples													
S-1	12.05.24	С	8	<0.018	<0.037	<0.037	0.088	0.088	<3.7	<9.6	<48	ND	72
S-2	12.05.24	С	0 to 8	<0.024	<0.048	<0.048	0.11	0.11	<4.8	<9.9	<50	ND	87
S-3	12.05.24	С	0 to 8	<0.020	<0.039	<0.039	0.14	0.14	<3.9	<9.4	<47	ND	<60
S-4	12.05.24	С	0 to 8	<0.022	<0.043	<0.043	0.094	0.094	<4.3	<9.5	<48	ND	87
S-5	12.05.24	С	0 to 8	<0.019	0.053	<0.039	0.17	0.22	<3.9	<9.9	<50	ND	<60
						Backfill Co	omposite Soil	Sample					
BF-1	BF-1 1.23.25 C BF <0.020 <0.040 <0.040 <0.080 ND <4.0 <9.5 <48 ND <60												

Note: Concentrations in **bold** and yellow exceed the applicable NM EMNRD Closure Criteria

¹ = Total combined concentrations are rounded to two (2) significant figures to match the laboratory resolution of the individual constituents.

ND = Not Detected above the Practical Quantitation Limits (PQLs) or Reporting Limits (RLs)

NE = Not established

NS = Not sampled

mg/kg = milligrams per kilogram

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes

TPH = Total Petroleum Hydrocarbons

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

MRO = Motor Oil/Lube Oil Range Organics

BF = Backfill sample



APPENDIX G

Laboratory Data Sheets & Chain of Custody Documentation

Received by OCD: 4/21/2025 9:22:39 AM



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Kyle Summers Ensolum 606 S Rio Grande Suite A Aztec, New Mexico 87410 Generated 12/11/2024 12:04:01 PM

JOB DESCRIPTION

Lateral 2C-39

JOB NUMBER

885-16434-1

FOR mmers solum

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5 6

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109

See page two for job notes and contact information



Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization

Generated 12/11/2024 12:04:01 PM

Authorized for release by John Caldwell, Project Manager john.caldwell@et.eurofinsus.com (505)345-3975

Laboratory Job ID: 885-16434-1

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	Receipt Checklists	21

Positive / Present

Presumptive Quality Control

Practical Quantitation Limit

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

Client: Ensolum Project/Site: Lateral 2C-39

Glossary Abbreviation

₽

%R

CFL

CFU

CNF

DER

DL

DLC

EDL

LOD

LOQ

MCL MDA

MDC

MDL

ML

MPN

MQL

NC

ND NEG

POS

PQL

QC RER

RL RPD

TEF

TEQ

TNTC

PRES

Dil Fac

DL, RA, RE, IN

1	Job ID: 885-16434-1	
teral 2C-39		2
These commonly used abbreviations may or may not be present in this report.		3
Listed under the "D" column to designate that the result is reported on a dry weight basis		
Percent Recovery		4
Contains Free Liquid		
Colony Forming Unit		5
Contains No Free Liquid		
Duplicate Error Ratio (normalized absolute difference)		6
Dilution Factor		
Detection Limit (DoD/DOE)		7
Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample		
Decision Level Concentration (Radiochemistry)		8
Estimated Detection Limit (Dioxin)		•
Limit of Detection (DoD/DOE)		Q
Limit of Quantitation (DoD/DOE)		
EPA recommended "Maximum Contaminant Level"		10
Minimum Detectable Activity (Radiochemistry)		
Minimum Detectable Concentration (Radiochemistry)		44
Method Detection Limit		
Minimum Level (Dioxin)		
Most Probable Number		
Method Quantitation Limit		
Not Calculated		
Not Detected at the reporting limit (or MDL or EDL if shown)		
Negative / Absent		
Positive / Present		

Eurofins Albuquerque
Case Narrative

Job ID: 885-16434-1

Client: Ensolum Project: Lateral 2C-39

Job ID: 885-16434-1

Eurofins Albuquerque

Job Narrative 885-16434-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these
 situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise
 specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/6/2024 6:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.4°C.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

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

HPLC/IC

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

Job ID: 885-16434-1

Lab Sample ID: 885-16434-1

Client Sample ID: S-1 Date Collected: 12/05/24 10:00 Date Received: 12/06/24 06:35

Project/Site: Lateral 2C-39

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.7	mg/Kg		12/06/24 09:03	12/06/24 11:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		35 - 166			12/06/24 09:03	12/06/24 11:15	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		12/06/24 09:03	12/06/24 11:15	1
Ethylbenzene	ND		0.037	mg/Kg		12/06/24 09:03	12/06/24 11:15	1
Toluene	ND		0.037	mg/Kg		12/06/24 09:03	12/06/24 11:15	1
Xylenes, Total	0.088		0.037	mg/Kg		12/06/24 09:03	12/06/24 11:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		48 - 145			12/06/24 09:03	12/06/24 11:15	1
Method: SW846 8015M/D - Diese	I Range Organ	ics (DRO) (JC)					
	•••	CS (DRO) (C Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	•••			Unit mg/Kg	<u>D</u>	Prepared 12/06/24 08:59	Analyzed 12/06/24 10:26	Dil Fac
Analyte Diesel Range Organics [C10-C28]	Result				<u>D</u>	· · ·		
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	_ Result	Qualifier		mg/Kg	<u> </u>	12/06/24 08:59	12/06/24 10:26	
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate	ResultND	Qualifier	RL 9.6 48	mg/Kg	<u> </u>	12/06/24 08:59 12/06/24 08:59	12/06/24 10:26 12/06/24 10:26	1
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	Result ND ND %Recovery 96	Qualifier	RL 9.6 48 Limits	mg/Kg	<u> </u>	12/06/24 08:59 12/06/24 08:59 Prepared	12/06/24 10:26 12/06/24 10:26 Analyzed	1 1 Dil Fac
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, Ion Analyte	Result ND ND %Recovery 96 Chromatograp	Qualifier	RL 9.6 48 Limits	mg/Kg	<u>D</u>	12/06/24 08:59 12/06/24 08:59 Prepared	12/06/24 10:26 12/06/24 10:26 Analyzed	1 1 Dil Fac

Matrix: Solid 5

Job ID: 885-16434-1

Lab Sample ID: 885-16434-2 Matrix: Solid

Date Collected: 12/05/24 10:05 Date Received: 12/06/24 06:35

Project/Site: Lateral 2C-39
Client Sample ID: S-2

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		12/06/24 09:03	12/06/24 11:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		35 - 166			12/06/24 09:03	12/06/24 11:36	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		12/06/24 09:03	12/06/24 11:36	1
Ethylbenzene	ND		0.048	mg/Kg		12/06/24 09:03	12/06/24 11:36	1
Toluene	ND		0.048	mg/Kg		12/06/24 09:03	12/06/24 11:36	1
Xylenes, Total	0.11		0.048	mg/Kg		12/06/24 09:03	12/06/24 11:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		48 - 145			12/06/24 09:03	12/06/24 11:36	1
Method: SW846 8015M/D - Diese	I Range Organ	ics (DRO) (0	GC)					
		ics (DRO) ((Qualifier	GC) RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte				Unit mg/Kg	D	Prepared 12/06/24 08:59	Analyzed 12/06/24 10:37	Dil Fac
Analyte Diesel Range Organics [C10-C28]	Result				<u>D</u>			Dil Fac 1 1
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	ResultND	Qualifier	RL 9.9	mg/Kg	<u> </u>	12/06/24 08:59	12/06/24 10:37	1
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate	Result ND ND	Qualifier	RL 9.9 50	mg/Kg	<u> </u>	12/06/24 08:59 12/06/24 08:59	12/06/24 10:37 12/06/24 10:37	1
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	Result ND ND %Recovery 98	Qualifier	RL 9.9 50 Limits	mg/Kg	<u> </u>	12/06/24 08:59 12/06/24 08:59 Prepared	12/06/24 10:37 12/06/24 10:37 Analyzed	1 1 Dil Fac
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, Ion Analyte	Result ND ND %Recovery 98 Chromatograp	Qualifier	RL 9.9 50 Limits	mg/Kg	<u>D</u>	12/06/24 08:59 12/06/24 08:59 Prepared	12/06/24 10:37 12/06/24 10:37 Analyzed	1 1 Dil Fac

Job ID: 885-16434-1

Matrix: Solid

Lab Sample ID: 885-16434-3

Project/Site: Lateral 2C-39 Client Sample ID: S-3

Client: Ensolum

Date Collected: 12/05/24 10:10

Date Received: 12/06/24 06:35

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.9	mg/Kg		12/06/24 09:03	12/06/24 11:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			12/06/24 09:03	12/06/24 11:58	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC))					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020	mg/Kg		12/06/24 09:03	12/06/24 11:58	1
Ethylbenzene	ND		0.039	mg/Kg		12/06/24 09:03	12/06/24 11:58	1
Toluene	ND		0.039	mg/Kg		12/06/24 09:03	12/06/24 11:58	1
Xylenes, Total	0.14		0.039	mg/Kg		12/06/24 09:03	12/06/24 11:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		48 - 145			12/06/24 09:03	12/06/24 11:58	1
Method: SW846 8015M/D - Diese	l Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		12/06/24 08:59	12/06/24 10:47	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		12/06/24 08:59	12/06/24 10:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			12/06/24 08:59	12/06/24 10:47	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	ohy						
Welliou. EFA 300.0 - Allions, Ion								
Analyte	• •	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

Released to Imaging: 6/27/2025 1:04:14 PM

Job ID: 885-16434-1

Lab Sample ID: 885-16434-4 Matrix: Solid

Date Collected: 12/05/24 10:15 Date Received: 12/06/24 06:35

Project/Site: Lateral 2C-39
Client Sample ID: S-4

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.3	mg/Kg		12/06/24 09:03	12/06/24 12:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		35 - 166			12/06/24 09:03	12/06/24 12:20	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC))					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.022	mg/Kg		12/06/24 09:03	12/06/24 12:20	1
Ethylbenzene	ND		0.043	mg/Kg		12/06/24 09:03	12/06/24 12:20	1
Toluene	ND		0.043	mg/Kg		12/06/24 09:03	12/06/24 12:20	1
Xylenes, Total	0.094		0.043	mg/Kg		12/06/24 09:03	12/06/24 12:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		48 - 145			12/06/24 09:03	12/06/24 12:20	1
Method: SW846 8015M/D - Diese	el Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
						12/06/24 08:59	12/06/24 10:58	
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		12/00/24 00.39	12/00/24 10:00	1
0 0 1 1	ND ND		9.5 48	mg/Kg mg/Kg		12/06/24 08:59	12/06/24 10:58	1
Motor Oil Range Organics [C28-C40]		Qualifier		00				1 Dil Fac
Motor Oil Range Organics [C28-C40]	ND	Qualifier	48	00		12/06/24 08:59	12/06/24 10:58	-
Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	ND <u>%Recovery</u> 89		48 Limits	00		12/06/24 08:59 Prepared	12/06/24 10:58 Analyzed	1 1
Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, Ion Analyte	ND <u>%Recovery</u> 89 Chromatograp		48 Limits	00	D	12/06/24 08:59 Prepared	12/06/24 10:58 Analyzed	

Job ID: 885-16434-1

Lab Sample ID: 885-16434-5 Matrix: Solid

Date Collected: 12/05/24 10:20 Date Received: 12/06/24 06:35

Project/Site: Lateral 2C-39

Client Sample ID: S-5

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.9	mg/Kg		12/06/24 09:03	12/06/24 14:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		35 - 166			12/06/24 09:03	12/06/24 14:08	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)	l.					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019	mg/Kg		12/06/24 09:03	12/06/24 14:08	1
Ethylbenzene	ND		0.039	mg/Kg		12/06/24 09:03	12/06/24 14:08	1
Toluene	0.053		0.039	mg/Kg		12/06/24 09:03	12/06/24 14:08	1
Xylenes, Total	0.17		0.039	mg/Kg		12/06/24 09:03	12/06/24 14:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		48 - 145			12/06/24 09:03	12/06/24 14:08	1
		ics (DRO) (12/06/24 09:03	12/06/24 14:08	1
Method: SW846 8015M/D - Diese	I Range Organ	<mark>ics (DRO) (</mark> Qualifier		Unit	D	12/06/24 09:03 Prepared	12/06/24 14:08 Analyzed	1 Dil Fac
Method: SW846 8015M/D - Diese Analyte	I Range Organ		GC)	<mark>Unit</mark> mg/Kg	<u>D</u>			1 1
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28]	I Range Organ Result		GC) RL		<u>D</u>	Prepared	Analyzed	
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	I Range Organ Result ND	Qualifier	GC) <u>RL</u> 9.9	mg/Kg	<u>D</u>	Prepared 12/06/24 08:59	Analyzed	1
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate	I Range Organ Result ND ND	Qualifier	GC) <u>RL</u> 9.9 50	mg/Kg	<u> </u>	Prepared 12/06/24 08:59 12/06/24 08:59	Analyzed 12/06/24 11:08 12/06/24 11:08	1
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	I Range Organ Result ND ND %Recovery 88	Qualifier Qualifier	GC) <u>RL</u> 9.9 50 Limits	mg/Kg	<u>D</u>	Prepared 12/06/24 08:59 12/06/24 08:59 Prepared	Analyzed 12/06/24 11:08 12/06/24 11:08 Analyzed	1 1 Dil Fac
4-Bromofluorobenzene (Surr) Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, Ion Analyte	I Range Organ Result ND %Recovery 88 Chromatograp	Qualifier Qualifier	GC) <u>RL</u> 9.9 50 Limits	mg/Kg	D	Prepared 12/06/24 08:59 12/06/24 08:59 Prepared	Analyzed 12/06/24 11:08 12/06/24 11:08 Analyzed	1 1 Dil Fac

Job ID: 885-16434-1

Client: Ensolum Project/Site: Lateral 2C-39

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-17170/	1-A										Client Sa	mple ID:		
Matrix: Solid												Prep 1	Type: To	tal/N/
Analysis Batch: 17163												Prep	Batch:	17170
		MB	MB											
Analyte	Re	esult	Qualifier	RL		<u> </u>	Unit		D	P	repared	Analyz	ed	Dil Fa
Gasoline Range Organics [C6 - C10]		ND		5.0		r	mg/Kg	l		12/0	6/24 09:03	12/06/24	10:53	
			МВ											
Surrogate	%Reco	-	Qualifier	Limits							repared	Analyz		Dil Fa
4-Bromofluorobenzene (Surr)		86		35 - 166						12/0	6/24 09:03	12/06/24	10:53	
Lab Sample ID: LCS 885-17170 Matrix: Solid	/ 2-A								С	lient	Sample	ID: Lab Co Prep 1	ontrol S Type: To	
Analysis Batch: 17163													Batch:	
				Spike	LCS	LCS						%Rec	2010111	
Analyte				Added		Qualif	ier	Unit		D	%Rec	Limits		
Gasoline Range Organics [C6 - C10]				25.0	19.4			mg/Kg		_	77	70 - 130		
	LCS	LCS												
Surrogate	%Recovery	Quali	fier	Limits										
4-Bromofluorobenzene (Surr)	181			35 - 166										
Lab Sample ID: 885-16434-1 M	S											Client S	ample I	D: S-
Matrix: Solid													ype: To	
Analysis Batch: 17163													Batch:	
-	Sample	Samp	ole	Spike	MS	MS						%Rec		
Analyte	Result	Quali	fier	Added	Result	Qualif	ier	Unit		D	%Rec	Limits		
Gasoline Range Organics [C6 - C10]	ND			18.3	16.3			mg/Kg		_	89	70 - 130		
	MS	MS												
Surrogate	%Recovery		fier	Limits										
4-Bromofluorobenzene (Surr)	181			35 - 166										
Lab Sample ID: 885-16434-1 M	SD											Client S	ample I	D: S-
Matrix: Solid													Type: To	
Analysis Batch: 17163													Batch:	
	Sample	Samr	ole	Spike	MSD	MSD						%Rec		RPI
Analyte	Result			Added		Qualif	ier	Unit		D	%Rec	Limits	RPD	Limi
Gasoline Range Organics [C6 -	ND			18.3	15.3			mg/Kg		_	83	70 - 130	6	2
C10]													-	_
	MSD													
Surrogate	%Recovery	Quali	fier	Limits										
4-Bromofluorobenzene (Surr)	177			35 - 166										
lethod: 8021B - Volatile O	rganic Cor	npo	unds (G	iC)										
Lab Sample ID: MB 885-17170/												mple ID:		

	МВ	МВ						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		12/06/24 09:03	12/06/24 10:53	1
Ethylbenzene	ND		0.050	mg/Kg		12/06/24 09:03	12/06/24 10:53	1
Toluene	ND		0.050	mg/Kg		12/06/24 09:03	12/06/24 10:53	1

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Analysis Batch: 17164

Lab Sample ID: MB 885-17170/1-A

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

Job ID: 885-16434-1

Client: Ensolum Project/Site: Lateral 2C-39

Matrix: Solid

Client Sample ID: Method Blank
onent bampie ib. method blank
Prep Type: Total/NA
Prep Batch: 17170

	MB	MB										
Analyte	Result	Qualifier	RL		Unit		D	Pr	epared	Analyz	ed	Dil Fa
Xylenes, Total	ND		0.10		mg/K	g	- 1		5/24 09:03	12/06/24		
	МВ	МВ										
Surrogate	%Recovery		Limits					Pr	epared	Analyz	ed	Dil Fa
4-Bromofluorobenzene (Surr)	100		48 - 145				1.	2/06	5/24 09:03			
Lab Sample ID: LCS 885-1717	/0/3- A						Clie	nt	Sample	ID: Lab Co	ontrol S	Sampl
Matrix: Solid											ype: To	
Analysis Batch: 17164											Batch:	
			Spike	LCS	LCS					%Rec	2410111	
Analyte			Added	Result	Qualifier	Unit		D	%Rec	Limits		
Benzene			1.00	0.934		mg/Kg			93	70 - 130		
Ethylbenzene			1.00	0.953		mg/Kg			95	70 - 130		
Toluene			1.00	0.941		mg/Kg			94	70 - 130		
Xylenes, Total			3.00	2.85		mg/Kg			95	70 - 130		
		_										
Survey and the	LCS LCS		Lincita									
Surrogate 4-Bromofluorobenzene (Surr)	Qua	alifier	Limits 48 - 145									
Matrix: Solid	MS										ype: To	otal/N
Matrix: Solid										Prep 1 Prep		otal/N/
Matrix: Solid Analysis Batch: 17164	Sample San	-	Spike			11-14			۹/ D	Prep 1 Prep %Rec	ype: To	otal/N/
Matrix: Solid Analysis Batch: 17164 Analyte	Sample San Result Qua	-	Added	Result	MS Qualifier	Unit ma/Ka	I	D	%Rec	Prep 1 Prep %Rec Limits	ype: To	otal/N/
Matrix: Solid Analysis Batch: 17164 Analyte Benzene	Sample San Result Qua ND	-	Added	Result 0.890		mg/Kg	I	D .	93	Prep 1 Prep %Rec Limits 70 - 130	ype: To	otal/N/
Matrix: Solid Analysis Batch: 17164 Analyte Benzene Ethylbenzene	Sample Sam Result Qua ND ND	-	Added 0.956 0.956	Result 0.890 0.931		mg/Kg mg/Kg	I	<u>D</u>	93 97	Prep 1 Prep %Rec Limits 70 - 130 70 - 130	ype: To	otal/N/
Matrix: Solid Analysis Batch: 17164 Analyte Benzene Ethylbenzene Toluene	Sample San Result Qua ND	-	Added	Result 0.890		mg/Kg mg/Kg mg/Kg	1	D	93	Prep 1 Prep %Rec Limits 70 - 130	ype: To	otal/N/
Matrix: Solid Analysis Batch: 17164 Analyte Benzene Ethylbenzene Toluene	Sample San Result Qua ND ND ND 0.11	-	Added 0.956 0.956 0.956	Result 0.890 0.931 0.923		mg/Kg mg/Kg	<u> </u>	<u>D</u>	93 97 94	Prep 1 Prep %Rec Limits 70 - 130 70 - 130 70 - 130	ype: To	otal/N/
Lab Sample ID: 885-16434-2 M Matrix: Solid Analysis Batch: 17164 Analyte Benzene Ethylbenzene Toluene Xylenes, Total	Sample Sam Result Qua ND ND ND 0.11 MS MS	alifier	Added 0.956 0.956 0.956 2.87	Result 0.890 0.931 0.923		mg/Kg mg/Kg mg/Kg	<u> </u>	<u>D</u>	93 97 94	Prep 1 Prep %Rec Limits 70 - 130 70 - 130 70 - 130	ype: To	otal/N/
Matrix: Solid Analysis Batch: 17164 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate	Sample Sam Result Qua ND ND 0.11 MS MS	-	Added 0.956 0.956 0.956	Result 0.890 0.931 0.923		mg/Kg mg/Kg mg/Kg	<u> </u>	<u>D</u> -	93 97 94	Prep 1 Prep %Rec Limits 70 - 130 70 - 130 70 - 130	ype: To	otal/N/
Matrix: Solid Analysis Batch: 17164 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate	Sample San Result Qua ND ND ND 0.11 <i>MS MS</i> %Recovery Qua	alifier	Added 0.956 0.956 2.87 <i>Limits</i>	Result 0.890 0.931 0.923		mg/Kg mg/Kg mg/Kg	<u>!</u>	<u>D</u>	93 97 94	Prep 1 Prep %Rec Limits 70 - 130 70 - 130 70 - 130	ype: To	otal/N/
Matrix: Solid Analysis Batch: 17164 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr)	Sample San Result Qua ND ND 0.11 MS MS %Recovery Qua 97	alifier	Added 0.956 0.956 2.87 <i>Limits</i>	Result 0.890 0.931 0.923		mg/Kg mg/Kg mg/Kg	<u> </u>	D .	93 97 94	Prep 1 Prep %Rec Limits 70 - 130 70 - 130 70 - 130	ype: To Batch:	otal/N/ : 1717
Matrix: Solid Analysis Batch: 17164 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate	Sample San Result Qua ND ND 0.11 MS MS %Recovery Qua 97	alifier	Added 0.956 0.956 2.87 <i>Limits</i>	Result 0.890 0.931 0.923		mg/Kg mg/Kg mg/Kg	1	D .	93 97 94	Prep 1 Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130	ype: To Batch:	iD: S-2
Matrix: Solid Analysis Batch: 17164 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) Lab Sample ID: 885-16434-2 N	Sample Sam Result Qua ND ND 0.11 MS %Recovery Qua 97	alifier	Added 0.956 0.956 2.87 Limits 48 - 145	Result 0.890 0.931 0.923 2.83	Qualifier	mg/Kg mg/Kg mg/Kg	1	<u>D</u>	93 97 94	Prep 1 Prep % %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130	ype: To Batch:	Dtal/N/ 1717(ID: S- ptal/N/
Matrix: Solid Analysis Batch: 17164 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) Lab Sample ID: 885-16434-2 M Matrix: Solid Analysis Batch: 17164	Sample Sam Result Qua ND ND 0.11 MS MS %Recovery Qua 97 MSD Sample Sam	alifier	Added 0.956 0.956 2.87 <i>Limits</i> 48 - 145	Result 0.890 0.931 0.923 2.83	Qualifier	mg/Kg mg/Kg mg/Kg	<u> </u>	D .	93 97 94 95	Prep 1 Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 190 70 - 190 70 - 190 70 - 190	ample l gatch:	ID: S-2 btal/N/ intervention
Matrix: Solid Analysis Batch: 17164 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) Lab Sample ID: 885-16434-2 M Matrix: Solid Analysis Batch: 17164 Analyte	Sample Sam Result Qua ND ND ND 0.11 MS MS %Recovery Qua 97 MSD Sample Sam	alifier	Added 0.956 0.956 2.87 <i>Limits</i> 48 - 145 Spike Added	Result 0.890 0.931 0.923 2.83	Qualifier	mg/Kg mg/Kg mg/Kg			93 97 94 95 95	Prep 1 %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 %Rec Prep 1 %Rec Limits	ample l ype: To Batch: ype: To Batch: 	ID: S-2 btal/N/ ID: S-2 btal/N/ : 1717(RPI Limi
Matrix: Solid Analysis Batch: 17164 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) Lab Sample ID: 885-16434-2 M Matrix: Solid Analysis Batch: 17164 Analyte Benzene	Sample Sam Result Qua ND ND ND 0.11 MS MS %Recovery Qua 97 MSD Sample Sam Result Qua ND	alifier	Added 0.956 0.956 2.87 <i>Limits</i> 48 - 145 Spike Added 0.956	Result 0.890 0.931 0.923 2.83 MSD Result 0.875	Qualifier	mg/Kg mg/Kg mg/Kg Unit mg/Kg			93 97 94 95 %Rec 91	Prep 1 Prep 2 %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 Client S Prep 1 Prep 2 %Rec Limits 70 - 130	ample for the second se	ID: S-2 5010110110110110110110110110110110110110
Matrix: Solid Analysis Batch: 17164 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) Lab Sample ID: 885-16434-2 N Matrix: Solid Analysis Batch: 17164 Analyte Benzene Ethylbenzene	Sample Sam Result Qua ND ND ND 0.11 MS MS %Recovery Qua 97 MSD Sample Sam Result Qua ND ND	alifier	Added 0.956 0.956 2.87 <i>Limits</i> 48 - 145 Spike Added 0.956 0.956	Result 0.890 0.931 0.923 2.83 MSD Result 0.875 0.919	Qualifier	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg			93 97 94 95 %Rec 91 96	Prep 1 Prep 2 %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 Prep 1 Prep 2 %Rec Limits 70 - 130 70 - 130 70 - 130	ample for the second se	ID: S-2 5010110110110110110110110110110110110110
Matrix: Solid Analysis Batch: 17164 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) Lab Sample ID: 885-16434-2 N Matrix: Solid Analysis Batch: 17164 Analyte Benzene Ethylbenzene Toluene	Sample Sam Result Qua ND ND 0.11 MS MS %Recovery Qua 97 MSD Sample Sam Result Qua ND ND ND	alifier	Added 0.956 0.956 2.87 Limits 48 - 145 Spike Added 0.956 0.956 0.956	Result 0.890 0.931 0.923 2.83 MSD Result 0.875 0.919 0.920	Qualifier	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg			93 97 94 95 95 %Rec 91 96 94	Client S Prep 1 %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130	ample ype: To Batch: ype: To Batch: RPD 2 1 0	ID: S-2 5tal/NA 1717(1717(20 20 20 21 21 21 21 21 21 21 21 21 21 21
Matrix: Solid Analysis Batch: 17164 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) Lab Sample ID: 885-16434-2 M Matrix: Solid	Sample Sam Result Qua ND ND ND 0.11 MS MS %Recovery Qua 97 MSD Sample Sam Result Qua ND ND	alifier	Added 0.956 0.956 2.87 <i>Limits</i> 48 - 145 Spike Added 0.956 0.956	Result 0.890 0.931 0.923 2.83 MSD Result 0.875 0.919	Qualifier	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg			93 97 94 95 %Rec 91 96	Prep 1 Prep 2 %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 Prep 1 Prep 2 %Rec Limits 70 - 130 70 - 130 70 - 130	ample for the second se	ID: S-2 Dtal/NA 1717(

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		48 - 145

Eurofins Albuquerque

2 od Blank Total/NA ch: 17170 Dil Fac 1 6 *Dil Fac* 1 8 Ol Sample Total/NA

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Lab Sample ID: MB 885-17169/1-A

QC Sample Results

RL

10

50

Limits

62 - 134

Unit

mg/Kg

mg/Kg

D

Prepared

12/06/24 08:59

12/06/24 08:59

Prepared

12/06/24 08:59

Client: Ensolum Project/Site: Lateral 2C-39

Analysis Batch: 17176

Di-n-octyl phthalate (Surr)

Diesel Range Organics [C10-C28]

Motor Oil Range Organics [C28-C40]

Lab Sample ID: LCS 885-17169/2-A

Matrix: Solid

Analyte

Surrogate

Surrogate

Matrix: Solid

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

MB MB

MB MB %Recovery Qualifier

ND

ND

91

%Recovery Qualifier

Result Qualifier

Job ID: 885-16434-1

Prep Type: Total/NA

Client Sample ID: Method Blank

12/06/24 10:05

12/06/24 10:05

12/06/24 10:05

Prep Batch	17169	_
Trop Dator		5
Analyzed	Dil Fac	
/06/24 10:05	1	6
/06/24 10:05	1	_
Analyzed	Dil Fac	
/06/24 10:05	1	ð
ab Control		9
Prep Type: 1	otal/NA	

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 17169

Analysis Batch: 17176									Prep	Batch: 17169
			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Diesel Range Organics			50.0	34.7		mg/Kg		69	60 - 135	
[C10-C28]										
	LCS	LCS								

Di-n-octyl phthalate (Surr)	89		62 - 134								
Lab Sample ID: 885-16434-5 MS									Client S	Sample ID: S-5	
Matrix: Solid									Prep 1	Type: Total/NA	
Analysis Batch: 17176									Prep	Batch: 17169	
	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Diesel Range Organics	ND		46.4	35.9		mg/Kg		77	44 - 136		

Limits

[C10-C28]			
	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
Di-n-octyl phthalate (Surr)	96		62 - 134

Lab Sample ID: 885-16434-5 MSI Matrix: Solid Analysis Batch: 17176)								Prep ⁻	Sample I Type: To DBatch:	tal/NA
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Diesel Range Organics [C10-C28]	ND		48.2	38.4		mg/Kg		80	44 - 136	7	32
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								

Di-n-octyl phthalate (Surr) 62 - 134 98

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-17173/1-A Matrix: Solid Analysis Batch: 17180						Client Sa	mple ID: Metho Prep Type: ⊺ Prep Batcł	Total/NA
	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		12/06/24 09:26	12/06/24 12:32	1

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Client: Ensolum Project/Site: Lateral 2C-39 Job ID: 885-16434-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-17173/2-A Matrix: Solid					Client	Sample	D: Lab Control Sample Prep Type: Total/NA	
Analysis Batch: 17180	Spike		LCS				Prep Batch: 17173 %Rec	Ę
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	30.0	29.2		mg/Kg		97	90 - 110	
Lab Sample ID: MRL 885-17180/43					Client	Sample	ID: Lab Control Sample	
Matrix: Solid							Prep Type: Total/NA	
Analysis Batch: 17180								
	Spike	MRL	MRL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	0.500	0.520		mg/L		104	50 - 150	

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Client Sample ID

S-1

S-2

S-3

S-4

S-5

S-1

S-1

Method Blank

Lab Control Sample

QC Association Summary

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Matrix

Solid

Solid

Solid

Solid

Solid

Solid

Solid

Solid

Solid

Client: Ensolum Project/Site: Lateral 2C-39

Analysis Batch: 17163

GC VOA

Lab Sample ID

885-16434-1

885-16434-2

885-16434-3

885-16434-4

885-16434-5

MB 885-17170/1-A

LCS 885-17170/2-A

885-16434-1 MS

885-16434-1 MSD

Prep Batch

17170

17170

17170

17170

17170

17170

17170

17170

17170

Job ID: 885-16434-1

Method

8015M/D

8015M/D

8015M/D

8015M/D

8015M/D

8015M/D

8015M/D

8015M/D

8015M/D

•	7
	8
	9

Analysis Batch: 17164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16434-1	S-1	Total/NA	Solid	8021B	17170
885-16434-2	S-2	Total/NA	Solid	8021B	17170
885-16434-3	S-3	Total/NA	Solid	8021B	17170
885-16434-4	S-4	Total/NA	Solid	8021B	17170
885-16434-5	S-5	Total/NA	Solid	8021B	17170
MB 885-17170/1-A	Method Blank	Total/NA	Solid	8021B	17170
LCS 885-17170/3-A	Lab Control Sample	Total/NA	Solid	8021B	17170
885-16434-2 MS	S-2	Total/NA	Solid	8021B	17170
885-16434-2 MSD	S-2	Total/NA	Solid	8021B	17170

Prep Batch: 17170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16434-1	S-1	Total/NA	Solid	5035	
885-16434-2	S-2	Total/NA	Solid	5035	
885-16434-3	S-3	Total/NA	Solid	5035	
885-16434-4	S-4	Total/NA	Solid	5035	
885-16434-5	S-5	Total/NA	Solid	5035	
MB 885-17170/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-17170/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-17170/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-16434-1 MS	S-1	Total/NA	Solid	5035	
885-16434-1 MSD	S-1	Total/NA	Solid	5035	
885-16434-2 MS	S-2	Total/NA	Solid	5035	
885-16434-2 MSD	S-2	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 17169

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
885-16434-1	S-1	Total/NA	Solid	SHAKE	
885-16434-2	S-2	Total/NA	Solid	SHAKE	
885-16434-3	S-3	Total/NA	Solid	SHAKE	
885-16434-4	S-4	Total/NA	Solid	SHAKE	
885-16434-5	S-5	Total/NA	Solid	SHAKE	
MB 885-17169/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-17169/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-16434-5 MS	S-5	Total/NA	Solid	SHAKE	
885-16434-5 MSD	S-5	Total/NA	Solid	SHAKE	

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QC Association Summary

Client: Ensolum Project/Site: Lateral 2C-39

Job ID: 885-16434-1

GC Semi VOA

Analysis Batch: 17176

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
885-16434-1	S-1	Total/NA	Solid	8015M/D	17169
885-16434-2	S-2	Total/NA	Solid	8015M/D	17169
885-16434-3	S-3	Total/NA	Solid	8015M/D	17169
885-16434-4	S-4	Total/NA	Solid	8015M/D	17169
885-16434-5	S-5	Total/NA	Solid	8015M/D	17169
MB 885-17169/1-A	Method Blank	Total/NA	Solid	8015M/D	17169
LCS 885-17169/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	17169
885-16434-5 MS	S-5	Total/NA	Solid	8015M/D	17169
885-16434-5 MSD	S-5	Total/NA	Solid	8015M/D	17169

HPLC/IC

Prep Batch: 17173

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
885-16434-1	S-1	Total/NA	Solid	300_Prep	
885-16434-2	S-2	Total/NA	Solid	300_Prep	
885-16434-3	S-3	Total/NA	Solid	300_Prep	
885-16434-4	S-4	Total/NA	Solid	300_Prep	
885-16434-5	S-5	Total/NA	Solid	300_Prep	
MB 885-17173/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-17173/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 17180

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
885-16434-1	S-1	Total/NA	Solid	300.0	17173
885-16434-2	S-2	Total/NA	Solid	300.0	17173
885-16434-3	S-3	Total/NA	Solid	300.0	17173
885-16434-4	S-4	Total/NA	Solid	300.0	17173
885-16434-5	S-5	Total/NA	Solid	300.0	17173
MB 885-17173/1-A	Method Blank	Total/NA	Solid	300.0	17173
LCS 885-17173/2-A	Lab Control Sample	Total/NA	Solid	300.0	17173
MRL 885-17180/43	Lab Control Sample	Total/NA	Solid	300.0	

Job ID: 885-16434-1

Lab Sample ID: 885-16434-1

Project/Site: Lateral 2C-39

Client: Ensolum

Client Sample ID: S-1 Date Collected: 12/05/24 10:00

Date Received: 12/06/24 06:35

	Batch	Batch		Dilution	Batch			Prepared
Ргер Туре	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			17170	AT	EET ALB	12/06/24 09:03
Total/NA	Analysis	8015M/D		1	17163	AT	EET ALB	12/06/24 11:15
Total/NA	Prep	5035			17170	AT	EET ALB	12/06/24 09:03
Total/NA	Analysis	8021B		1	17164	AT	EET ALB	12/06/24 11:15
Total/NA	Prep	SHAKE			17169	MI	EET ALB	12/06/24 08:59
Total/NA	Analysis	8015M/D		1	17176	MI	EET ALB	12/06/24 10:26
Total/NA	Prep	300_Prep			17173	EH	EET ALB	12/06/24 09:26
Total/NA	Analysis	300.0		20	17180	EH	EET ALB	12/06/24 12:51

Lab Sample ID: 885-16434-2

Lab Sample ID: 885-16434-3

Lab Sample ID: 885-16434-4

Matrix: Solid

Matrix: Solid

Client Sample ID: S-2

Date Collected: 12/05/24 10:05 Date Received: 12/06/24 06:35

	Batch	Batch		Dilution	Batch			Prepared
Ргер Туре	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			17170	AT	EET ALB	12/06/24 09:03
Total/NA	Analysis	8015M/D		1	17163	AT	EET ALB	12/06/24 11:36
Total/NA	Prep	5035			17170	AT	EET ALB	12/06/24 09:03
Total/NA	Analysis	8021B		1	17164	AT	EET ALB	12/06/24 11:36
Total/NA	Prep	SHAKE			17169	MI	EET ALB	12/06/24 08:59
Total/NA	Analysis	8015M/D		1	17176	MI	EET ALB	12/06/24 10:37
Total/NA	Prep	300_Prep			17173	EH	EET ALB	12/06/24 09:26
Total/NA	Analysis	300.0		20	17180	EH	EET ALB	12/06/24 13:01

Client Sample ID: S-3

Date Collected: 12/05/24 10:10 Date Received: 12/06/24 06:35

	Batch	Batch		Dilution	Batch			Prepared
Ргер Туре	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			17170	AT	EET ALB	12/06/24 09:03
Total/NA	Analysis	8015M/D		1	17163	AT	EET ALB	12/06/24 11:58
Total/NA	Prep	5035			17170	AT	EET ALB	12/06/24 09:03
Total/NA	Analysis	8021B		1	17164	AT	EET ALB	12/06/24 11:58
Total/NA	Prep	SHAKE			17169	MI	EET ALB	12/06/24 08:59
Total/NA	Analysis	8015M/D		1	17176	MI	EET ALB	12/06/24 10:47
Total/NA	Prep	300_Prep			17173	EH	EET ALB	12/06/24 09:26
Total/NA	Analysis	300.0		20	17180	EH	EET ALB	12/06/24 13:11

Client Sample ID: S-4

Date Collected: 12/05/24 10:15 Date Received: 12/06/24 06:35

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			17170	AT	EET ALB	12/06/24 09:03
Total/NA	Analysis	8015M/D		1	17163	AT	EET ALB	12/06/24 12:20

Eurofins Albuquerque

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Matrix: Solid

5

8

Matrix: Solid

Job ID: 885-16434-1

Project/Site: Lateral 2C-39

Client: Ensolum

Client Sample ID: S-4 Date Collected: 12/05/24 10:15

Date Received: 12/06/24 06:35

	Batch	Batch		Dilution	Batch			Prepared	
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed	
Total/NA	Prep	5035			17170	AT	EET ALB	12/06/24 09:03	
Total/NA	Analysis	8021B		1	17164	AT	EET ALB	12/06/24 12:20	
Total/NA	Prep	SHAKE			17169	MI	EET ALB	12/06/24 08:59	
Total/NA	Analysis	8015M/D		1	17176	MI	EET ALB	12/06/24 10:58	
Total/NA	Prep	300_Prep			17173	EH	EET ALB	12/06/24 09:26	
Total/NA	Analysis	300.0		20	17180	EH	EET ALB	12/06/24 13:21	

Client Sample ID: S-5 Date Collected: 12/05/24 10:20 Date Received: 12/06/24 06:35

	Batch	Batch		Dilution	Batch			Prepared
Ргер Туре	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			17170	AT	EET ALB	12/06/24 09:03
Total/NA	Analysis	8015M/D		1	17163	AT	EET ALB	12/06/24 14:08
Total/NA	Prep	5035			17170	AT	EET ALB	12/06/24 09:03
Total/NA	Analysis	8021B		1	17164	AT	EET ALB	12/06/24 14:08
Total/NA	Prep	SHAKE			17169	MI	EET ALB	12/06/24 08:59
Total/NA	Analysis	8015M/D		1	17176	MI	EET ALB	12/06/24 11:08
Total/NA	Prep	300_Prep			17173	EH	EET ALB	12/06/24 09:26
Total/NA	Analysis	300.0		20	17180	EH	EET ALB	12/06/24 13:31

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Lab Sample ID: 885-16434-4

Matrix: Solid

Accreditation/Certification Summary

Client: Ensolum
Project/Site: Lateral 2C-39

Job ID: 885-16434-1

Laboratory: Eurofins Albuquerque	
The accreditations/certifications listed below are applicable to this report	rt.

AuthorityProgramIdentification NumberExpiration DateOregonNELAPNM10000102-25-25

Client: Ensolum Mailing Address: 666 5 Rro Grande Su; + A 87410 Phone #:	Turn-Around Time: Sqme Day Standard Rush 2-6-24 Project Name: Lafered 2C-39 Project #:	HALL ENVIRON ANALYSIS LABO www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87 Tel. 505-345-3975 Fax 505-345-4107 Analysis Request
email or Fax#: Colapon ti Bensolum Lum QA/QC Package: Image: Level 4 (Full Validation) Accreditation: Image: Az Compliance Image: NELAC Image: Other Image: EDD (Type) Image: Network	Project Manager: K SummerF Sampler: DAport: On Ice: Pres INO # of Coolers: No # of Coolers: OBTOL=G.Y (°C) Container Preservative HEAL No. Type and # Type	BTEX / MATBE / TAUD's (8021) TPH:8015D(GRO / DRO / MRO) 8081 Pesticides/8082 PCB's EDB (Method 504.1) PAHs by 8310 or 8270SIMS RCRA 8 Metals C(), K, K, NO ₂ , PO ₄ , SO ₄ 8260 (VOA) 8270 (Semi-VOA) Total Coliform (Present/Absent)
$\frac{12}{12} = 1000 S \qquad S-1$ $\frac{12}{5} = 1000 S \qquad S-1$ $\frac{12}{5} = 1005 S \qquad S-2$ $\frac{12}{5} = 1010 S \qquad S-3$ $\frac{12}{5} = 1015 S \qquad S-4$ $\frac{12}{5} = 1015 S \qquad S-4$ $\frac{12}{5} = 1020 S \qquad S-5$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
THASKY MSZ SAMELINGUL	Received by. Via: Date Time COUVIRY 12/6/24 6:35	Remarks: Tom hory Am 14058 possibility Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Ensolum

Login Number: 16434 List Number: 1 Creator: McQuiston, Steven

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

True

Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").

Job Number: 885-16434-1

List Source: Eurofins Albuquerque

Received by OCD: 4/21/2025 9:22:39 AM



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Kyle Summers Ensolum 606 S Rio Grande Suite A Aztec, New Mexico 87410 Generated 1/28/2025 4:50:37 PM

JOB DESCRIPTION

Lateral 2C-39 #2

JOB NUMBER

885-18828-1

DESC Late

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109





Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization

Authorized for release by John Caldwell, Project Manager john.caldwell@et.eurofinsus.com (505)345-3975 Generated 1/28/2025 4:50:37 PM

Laboratory Job ID: 885-18828-1

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Glossary Abbreviation

☆ %R

CFL

CFU

CNF

DER

DL

DLC

EDL

LOD

LOQ

MCL

MDA

MDC

MDL

MPN

MQL

NC

ND

NEG

POS

PQL

QC

RER

RL

RPD

TEF

TEQ

TNTC

PRES

ML

Dil Fac

DL, RA, RE, IN

Job ID: 885-18828-1

	3
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	4
Percent Recovery	
Contains Free Liquid	5
Colony Forming Unit	
Contains No Free Liquid	6
Duplicate Error Ratio (normalized absolute difference)	0
Dilution Factor	
Detection Limit (DoD/DOE)	
Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample	
Decision Level Concentration (Radiochemistry)	ð
Estimated Detection Limit (Dioxin)	
Limit of Detection (DoD/DOE)	9
Limit of Quantitation (DoD/DOE)	
EPA recommended "Maximum Contaminant Level"	10
Minimum Detectable Activity (Radiochemistry)	
Minimum Detectable Concentration (Radiochemistry)	11
Method Detection Limit	
Minimum Level (Dioxin)	
Most Probable Number	
Method Quantitation Limit	
Not Calculated	
Not Detected at the reporting limit (or MDL or EDL if shown)	
Negative / Absent	
Positive / Present	
Practical Quantitation Limit	
Presumptive	
Quality Control	
Relative Error Ratio (Radiochemistry)	
Reporting Limit or Requested Limit (Radiochemistry)	

Relative Percent Difference, a measure of the relative difference between two points

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Job ID: 885-18828-1

Job ID: 885-18828-1

Eurofins Albuquerque

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Job Narrative 885-18828-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The sample was received on 1/24/2025 7:12 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -2.3°C.

Receipt Exceptions

The following sample was received at the laboratory outside the required temperature criteria: BF-1 (885-18828-1). This does not meet regulatory requirements. The client was contacted regarding this issue, and the laboratory was instructed to proceed with analysis.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

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

HPLC/IC

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

Job ID: 885-18828-1

Lab Sample ID: 885-18828-1 Matrix: Solid

Date Collected: 01/23/25 10:00 Date Received: 01/24/25 07:12

Project/Site: Lateral 2C-39 #2

Client Sample ID: BF-1

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.0	mg/Kg		01/24/25 09:33	01/24/25 12:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		35 - 166			01/24/25 09:33	01/24/25 12:02	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020	mg/Kg		01/24/25 09:33	01/24/25 12:02	1
Ethylbenzene	ND		0.040	mg/Kg		01/24/25 09:33	01/24/25 12:02	1
Toluene	ND		0.040	mg/Kg		01/24/25 09:33	01/24/25 12:02	1
Xylenes, Total	ND		0.080	mg/Kg		01/24/25 09:33	01/24/25 12:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		48 - 145			01/24/25 09:33	01/24/25 12:02	1
Method: SW846 8015M/D - Diese	l Range Organ	ics (DRO) (GC)					
Analyte	• •	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		01/24/25 09:57	01/24/25 11:42	1
	ne in e		0.0					
	ND		48	mg/Kg		01/24/25 09:57	01/24/25 11:42	1
Motor Oil Range Organics [C28-C40]		Qualifier		0 0		01/24/25 09:57 Prepared	01/24/25 11:42 Analyzed	1 Dil Fac
Motor Oil Range Organics [C28-C40] Surrogate	ND	Qualifier	48	0 0				1
Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	ND 		48 Limits	0 0		Prepared	Analyzed	1 Dil Fac 1
Motor Oil Range Organics [010 022] Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, Ion Analyte	ND %Recovery 111 Chromatograp		48 Limits	0 0	D	Prepared	Analyzed	1 Dil Fac 1 Dil Fac

Released to Imaging: 6/27/2025 1:04:14 PM

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Job ID: 885-18828-1

Client: Ensolum Project/Site: Lateral 2C-39 #2

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-19796/	/1-A							(Client Sa	mple ID: Metho	d Blanl
Matrix: Solid										Prep Type: 1	Total/N
Analysis Batch: 19793										Prep Batch	n: 1979
	ME	B MB									
Analyte	Resul	t Qualifier	RL		Unit		D	Pr	epared	Analyzed	Dil Fa
Gasoline Range Organics [C6 - C10]	NE)	5.0		mg/Kg	9		01/24	/25 09:33	01/24/25 11:15	
	МЕ	B MB									
Surrogate	%Recover	/ Qualifier	Limits					Pr	epared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	10.	2	35 - 166					01/24	/25 09:33	01/24/25 11:15	
Lab Sample ID: LCS 885-19796	6/2 - A						С	lient	Sample I	D: Lab Control	Sampl
Matrix: Solid										Prep Type: 1	
Analysis Batch: 19793										Prep Batch	n: 1979
			Spike	LCS	LCS					%Rec	
Analyte			Added	Result	Qualifier	Unit		D	%Rec	Limits	
Gasoline Range Organics [C6 - C10]			25.0	21.1		mg/Kg			85	70 - 130	
		•									
	LCS LC	5									
Surrogate		s alifier	Limits								
-			Limits 35 - 166								
4-Bromofluorobenzene (Surr)	%Recovery Qu 187	alifier	35 - 166								
4-Bromofluorobenzene (Surr) lethod: 8021B - Volatile O	^{%Recovery} Qu 187 rganic Comp	alifier	35 - 166						Client Sa	mple ID: Metho	d Blan
4-Bromofluorobenzene (Surr) lethod: 8021B - Volatile O Lab Sample ID: MB 885-19796/	^{%Recovery} Qu 187 rganic Comp	alifier	35 - 166						Client Sa	mple ID: Metho Pren Type: 1	
4-Bromofluorobenzene (Surr) lethod: 8021B - Volatile O Lab Sample ID: MB 885-19796/ Matrix: Solid	^{%Recovery} Qu 187 rganic Comp	alifier	35 - 166						Client Sa	Prep Type: 1	Fotal/N/
4-Bromofluorobenzene (Surr) lethod: 8021B - Volatile O Lab Sample ID: MB 885-19796/ Matrix: Solid	^{%Recovery} Qu 187 rganic Comp	ounds (C	35 - 166						Client Sa		Fotal/N
4-Bromofluorobenzene (Surr) lethod: 8021B - Volatile O Lab Sample ID: MB 885-19796/ Matrix: Solid Analysis Batch: 19794	<u>%Recovery</u> Qu 187 rganic Comp /1-A	ounds (C	35 - 166		Unit		D		Client Sa	Prep Type: 1	Fotal/N/ า: 1979
4-Bromofluorobenzene (Surr) lethod: 8021B - Volatile O Lab Sample ID: MB 885-19796/ Matrix: Solid Analysis Batch: 19794 Analyte	<u>%Recovery</u> Qu 187 rganic Comp /1-A	alifier ounds (C B MB t Qualifier	35 - 166 GC)		<u>Unit</u>		D	Pr		Prep Type: 1 Prep Batch	Fotal/N/ า: 1979
4-Bromofluorobenzene (Surr) lethod: 8021B - Volatile O Lab Sample ID: MB 885-19796/ Matrix: Solid Analysis Batch: 19794 Analyte Benzene	%Recovery Qu 187 Prganic Comp /1-A ME Resul	alifier ounds (C B B C Qualifier	35 - 166 GC) RL			-	<u>D</u>	Pr 01/24	epared	Prep Type: 1 Prep Batch Analyzed	Fotal/N/ n: 1979
4-Bromofluorobenzene (Surr) lethod: 8021B - Volatile O Lab Sample ID: MB 885-19796/ Matrix: Solid Analysis Batch: 19794 Analyte Benzene Ethylbenzene	<u>%Recovery</u> 187 rganic Comp /1-A ME Result NICE	alifier ounds (C B MB t Qualifier	35 - 166 GC) 		mg/Kg	9	<u>D</u>	Pr 01/24 01/24	epared //25 09:33	Prep Type: 1 Prep Batch Analyzed 01/24/25 11:15	Fotal/N n: 1979
4-Bromofluorobenzene (Surr) lethod: 8021B - Volatile O Lab Sample ID: MB 885-19796/ Matrix: Solid Analysis Batch: 19794 Analyte Benzene Ethylbenzene Toluene	<u>%Recovery</u> Qui 187 Prganic Comp /1-A ME Resul NE	alifier ounds (C B MB t Qualifier	35 - 166 GC) RL 0.025 0.050		mg/Kg mg/Kg	9	<u>D</u>	Pr 01/24 01/24 01/24	epared 1/25 09:33 1/25 09:33	Prep Type: 1 Prep Batch 01/24/25 11:15 01/24/25 11:15	Fotal/N n: 1979
Surrogate 4-Bromofluorobenzene (Surr) 1ethod: 8021B - Volatile O Lab Sample ID: MB 885-19796/ Matrix: Solid Analysis Batch: 19794 Analyte Benzene Ethylbenzene Toluene Xylenes, Total	<u>%Recovery</u> Qui 187 Prganic Comp /1-A ME Resul NE NE	alifier ounds (C B B C Qualifier	35 - 166 3C) RL 0.025 0.050 0.050		mg/Kg mg/Kg	9	<u>D</u>	Pr 01/24 01/24 01/24	epared //25 09:33 4/25 09:33 4/25 09:33	Analyzed 01/24/25 11:15 01/24/25 11:15 01/24/25 11:15	Total/N/ n: 1979 Dil Fa
4-Bromofluorobenzene (Surr) A-Bromofluorobenzene (Surr) Antipe ID: MB 885-19796/ Matrix: Solid Analysis Batch: 19794 Analyte Benzene Ethylbenzene Toluene	<u>%Recovery</u> Qu 187 Prganic Comp /1-A ME Resul NC NC NC	Alifier OUNDS (C B MB t Qualifier) B MB	35 - 166 3C) RL 0.025 0.050 0.050		mg/Kg mg/Kg	9	<u>D</u>	Pr 01/24 01/24 01/24	epared //25 09:33 4/25 09:33 4/25 09:33	Analyzed 01/24/25 11:15 01/24/25 11:15 01/24/25 11:15	Fotal/N/

Lab Sample ID: LCS 885-19796/3-A Matrix: Solid

Prep Type: Total/NA Analysis Batch: 19794 Prep Batch: 19796 Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits D 1.00 1.02 102 70 - 130 Benzene mg/Kg Ethylbenzene 1.00 1.05 mg/Kg 105 70 - 130 104 Toluene 1.00 1.04 70 - 130 mg/Kg Xylenes, Total 3.00 3.13 mg/Kg 104 70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		48 - 145

Client Sample ID: Lab Control Sample

Client: Ensolum Project/Site: Lateral 2C-39 #2

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

vietnod: 8021B - volatile	Organic Cor	npounus		nueu)								
Lab Sample ID: 885-18828-1 Matrix: Solid	MS								Client Sa Prep T	ample ID: Type: Tot		
Analysis Batch: 19827										Batch:	19796	
	•	Sample	Spike		MS				%Rec			
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	ND		0.804	0.821		mg/Kg		102	70 - 130			
Ethylbenzene	ND		0.804	0.834		mg/Kg		104	70 - 130			
Toluene	ND		0.804	0.836		mg/Kg		104	70 _ 130			
Xylenes, Total	ND		2.41	2.49		mg/Kg		103	70 - 130			
	MS	MS										
Surrogate	%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	110		48 - 145									
- Lab Sample ID: 885-18828-1	I MSD								Client Sa	mple ID	: BF-1	
Matrix: Solid										· Type: Tot		
Analysis Batch: 19827										Batch:		
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	ND		0.804	0.816		mg/Kg		102	70 - 130	1	20	
Ethylbenzene	ND		0.804	0.825		mg/Kg		103	70 - 130	1	20	
Toluene	ND		0.804	0.815		mg/Kg		101	70 - 130	3	20	

2.45

mg/Kg

102

70 - 130

Xylenes, Total	ND		2.41
	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		48 - 145

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-19800/1-A											Client Sa	ample ID: Metho	od Blank
Matrix: Solid												Prep Type:	Total/NA
Analysis Batch: 19788												Prep Batc	h: 19800
		MB	МВ										
Analyte	Re	sult	Qualifier		RL		Unit		D	P	repared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]		ND			10		mg/K	g		01/2	4/25 09:57	01/24/25 11:11	1
Motor Oil Range Organics [C28-C40]		ND			50		mg/Kg	g		01/2	4/25 09:57	01/24/25 11:11	1
		ΜВ	МВ										
Surrogate	%Recov	rery	Qualifier	Limits						P	repared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)		113		62 - 13	84					01/2	4/25 09:57	01/24/25 11:11	1
- Lab Sample ID: LCS 885-19800/2-/	A								CI	lient	Sample	ID: Lab Contro	Sample
Matrix: Solid												Prep Type:	Total/NA
Analysis Batch: 19788												Prep Batc	
-				Spike	I	_cs	LCS					%Rec	
Analyte				Added	Re	sult	Qualifier	Unit		D	%Rec	Limits	
Diesel Range Organics				50.0	Ę	51.3		mg/Kg		_	103	60 - 135	_
[C10-C28]													
	LCS	LCS											
Surrogate %	%Recovery	Quali	ifier	Limits									
Di-n-octyl phthalate (Surr)	95			62 - 134									

2

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Job ID: 885-18828-1

Client: Ensolum Project/Site: Lateral 2C-39 #2

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-19786/1-A										Client Sa	ample ID: Metho	od Blank	
Matrix: Solid											Prep Type:		
Analysis Batch: 19784											Prep Batc		
	МВ	MB											
Analyte	Result	Qualifier		RL		Unit		D	Pr	epared	Analyzed	Dil Fac	
Chloride	ND			1.5		mg/K	.g		01/24	4/25 07:35	01/24/25 08:19	1	
Lab Sample ID: LCS 885-19786/3-A								Cli	ent	Sample	ID: Lab Control	Sample	j
Matrix: Solid								•	•	Cumpie	Prep Type:		
Analysis Batch: 19784											Prep Batc		
			Spike		LCS	LCS					%Rec		
Analyte			Added	F	Result	Qualifier	Unit		D	%Rec	Limits		
Chloride			15.0		15.2		mg/Kg			101	90 - 110		
Lab Sample ID: MRL 885-19786/2-A								Cli	ent	Sample	ID: Lab Control	Sample	
Matrix: Solid										•	Prep Type:		
Analysis Batch: 19784											Prep Batc		
			Spike		MRL	MRL					%Rec		
Analyte			Added	F	Result	Qualifier	Unit		D	%Rec	Limits		
Chloride			1.50		1.65		mg/L			110	50 - 150		

QC Association Summary

Client: Ensolum Project/Site: Lateral 2C-39 #2

GC VOA

Analysis Batch: 19793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18828-1	BF-1	Total/NA	Solid	8015M/D	19796
MB 885-19796/1-A	Method Blank	Total/NA	Solid	8015M/D	19796
LCS 885-19796/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	19796
Analysis Batch: 19794	4				
Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
885-18828-1	BF-1	Total/NA	Solid	8021B	19796
MB 885-19796/1-A	Method Blank	Total/NA	Solid	8021B	19796
LCS 885-19796/3-A	Lab Control Sample	Total/NA	Solid	8021B	19796
Prep Batch: 19796					
Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
885-18828-1	BF-1	Total/NA	Solid	5035	

885-18828-1	BF-1	Total/NA	Solid	5035
MB 885-19796/1-A	Method Blank	Total/NA	Solid	5035
LCS 885-19796/2-A	Lab Control Sample	Total/NA	Solid	5035
LCS 885-19796/3-A	Lab Control Sample	Total/NA	Solid	5035
885-18828-1 MS	BF-1	Total/NA	Solid	5035
885-18828-1 MSD	BF-1	Total/NA	Solid	5035
 —				

Analysis Batch: 19827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18828-1 MS	BF-1	Total/NA	Solid	8021B	19796
885-18828-1 MSD	BF-1	Total/NA	Solid	8021B	19796

GC Semi VOA

Analysis Batch: 19788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18828-1	BF-1	Total/NA	Solid	8015M/D	19800
MB 885-19800/1-A	Method Blank	Total/NA	Solid	8015M/D	19800
LCS 885-19800/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	19800
└─ Prep Batch: 19800					
Prep Batch: 19800	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
Γ.	Client Sample ID BF-1	Prep Type Total/NA	Matrix Solid	Method SHAKE	Prep Batch
Lab Sample ID					Prep Batch

HPLC/IC

Analysis Batch: 19784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18828-1	BF-1 Total/NA		Solid	300.0	19786
MB 885-19786/1-A	Method Blank	Total/NA	Solid	300.0	19786
LCS 885-19786/3-A	Lab Control Sample	Total/NA	Solid	300.0	19786
MRL 885-19786/2-A	Lab Control Sample	Total/NA	Solid	300.0	19786
 Lab Sample ID	Client Sample ID	Pren Type	Matrix	Method	Pren Batch
Lab Sample ID 885-18828-1	Client Sample ID BF-1	Prep Type Total/NA	Matrix Solid	Method 300_Prep	Prep Batch
					Prep Batch

Eurofins Albuquerque

Job ID: 885-18828-1

Job ID: 885-18828-1

QC Association Summary

Client: Ensolum	
Project/Site: Lateral 2C-39 #2	

HPLC/IC (Continued)

Prep Batch: 19786 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 885-19786/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

Job ID: 885-18828-1

Matrix: Solid

Lab Sample ID: 885-18828-1

Client: Ensolum Project/Site: Lateral 2C-39 #2

Client Sample ID: BF-1 Date Collected: 01/23/25 10:00 Date Received: 01/24/25 07:12

	Batch	Batch		Dilution	Batch			Prepared
Ргер Туре	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
otal/NA	Prep	5035			19796	JP	EET ALB	01/24/25 09:33
otal/NA	Analysis	8015M/D		1	19793	JP	EET ALB	01/24/25 12:02
otal/NA	Prep	5035			19796	JP	EET ALB	01/24/25 09:33
otal/NA	Analysis	8021B		1	19794	JP	EET ALB	01/24/25 12:02
otal/NA	Prep	SHAKE			19800	MI	EET ALB	01/24/25 09:57
otal/NA	Analysis	8015M/D		1	19788	MI	EET ALB	01/24/25 11:42
īotal/NA	Prep	300_Prep			19786	RC	EET ALB	01/24/25 07:35
otal/NA	Analysis	300.0		20	19784	RC	EET ALB	01/24/25 11:10

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Eurofins Albuquerque

Released to Imaging: 6/27/2025 1:04:14 PM

Job ID: 885-18828-1

Accreditation/Certification Summary

Client: Ensolum
Project/Site: Lateral 2C-39 #2

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority Program Identification Number Expiration Date Oregon NELAP NM100001 02-25-25

email or Fax#: Project Manager: QAOC Package:			Ē	n so	ustody Re hn S R. 70 C		Turn-Around □ Standard Project Nam Lot-cr Project #:	l týRush e:	12203 1-24-25 39 #2				A awki	IAI N/ www ins N 15-39	A.L. /.hall IE - 975	YS lenvi Alb F	ironn uque	nent erque	▲E al.co e, NI -345-	30 om M 87 -4107	RA 109			Received by OCD: 4/21/2025
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	em: QA/ Acc	ail or Fa QC Pack Standard reditatic NELAC	kage: d on:		ompliance	Validation)	Sampler: On Ice: # of Coolers:	Summe Contro Hes I	Into No Mo €0		3015D(GRO / DRO / MRO)	Pesticides/8082 PCB's	(Method 504.1)	by 8310 or 8270SIMS	8 Metals	A I A A A A A A A A A A			Coliform (Present/Absent)					5 9:22:39 AM
38/25 1443 Martin Mus Walt 1/2/25 1443 Tom Long	Page 14 of 15						Type and #	Туре	HEAL No.	PTEX	TPH:8	8081	EDB (PAHS	RCRA		8260 (8270 (Total (
AMJ4058	Date 1/28/2025	25 14	43		Auto	·	Received by:	Via Via Waet	Date Time $\frac{1}{23}h_{23}$ 1443 Date Time	Rer				1000	3			nw		+0	2ec	yer	24/2	Page

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Job Number: 885-18828-1

List Source: Eurofins Albuquerque

Login Sample Receipt Checklist

Client: Ensolum

Login Number: 18828 List Number: 1 Creator: McQuiston, Steven

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.	False	Refer to Job Narrative for details.
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	True	

Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").

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QUESTIONS

Action 453709

QUESTIONS					
Operator:	OGRID:				
Enterprise Field Services, LLC	241602				
PO Box 4324	Action Number:				
Houston, TX 77210	453709				
	Action Type:				
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)				

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2433944047
Incident Name	NAPP2433944047 LATERAL 2C-39 @ 0
Incident Type	Natural Gas Release
Incident Status	Reclamation Report Received

Location of Release Source

Please answer all the questions in this group.							
Site Name	LATERAL 2C-39						
Date Release Discovered	12/04/2024						
Surface Owner	Private						

Incident Details

Please answer all the questions in this group.	
Incident Type	Natural Gas 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	Νο

Nature and Volume of Release

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

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Corrosion Pipeline (Any) Condensate Released: 5 BBL Recovered: 0 BBL Lost: 5 BBL.
Natural Gas Vented (Mcf) Details	Cause: Corrosion Pipeline (Any) Natural Gas Vented Released: 5 MCF Recovered: 0 MCF Lost: 5 MCF.
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)	Not answered.

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QUESTIONS, Page 2

Action 453709

QUESTIONS (continued)		
Operator:	OGRID:	
Enterprise Field Services, LLC	241602	
PO Box 4324	Action Number:	
Houston, TX 77210	453709	
	Action Type:	
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS

Nature and Volume of Release (continued)	
Yes, according to supplied volumes this will be treated as a "gas only" report.	
No	
Unavailable.	
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	afety 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	None
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releat the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 12/18/2024

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

QUESTIONS, Page 3

Action 453709

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QUESTIONS	(continued)

Operator:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	453709
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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.

Between 26 and 50 (ft.)
OCD Imaging Records Lookup
No
nd the following surface areas:
Between 200 and 300 (ft.)
Greater than 5 (mi.)
Between 1 and 5 (mi.)
Greater than 5 (mi.)
Greater than 5 (mi.)
Greater than 5 (mi.)
Between 500 and 1000 (ft.)
Greater than 5 (mi.)
Greater than 5 (mi.)
Low
Between 100 and 200 (ft.)
No

Remediation Plan

Please answer all the questions	that apply or are indicated. This information must be provided to	o the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation	n plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertic	cal 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 CI B)	87
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	0.1
GRO+DRO	(EPA SW-846 Method 8015M)	0.1
BTEX	(EPA SW-846 Method 8021B or 8260B)	0.2
Benzene	(EPA SW-846 Method 8021B or 8260B)	0.1
	NMAC unless the site characterization report includes complete imelines for beginning and completing the remediation.	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date v	will the remediation commence	12/04/2024
On what date will (or did)	the final sampling or liner inspection occur	01/23/2025
On what date will (or was) the remediation complete(d)	12/05/2024
What is the estimated sur	face area (in square feet) that will be reclaimed	135
What is the estimated vol	ume (in cubic yards) that will be reclaimed	64
What is the estimated sur	face area (in square feet) that will be remediated	135
What is the estimated vol	ume (in cubic yards) that will be remediated	64
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

QUESTI	ONS (continued)	
Operator:	OGRID:	
Enterprise Field Services, LLC	241602	
PO Box 4324	Action Number:	
Houston, TX 77210	453709	
	Action Type:	
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	
QUESTIONS		
Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate	/ reduce contaminants:	
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	ENVIROTECH LANDFARM #1 [fEEM0112334691]	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	Not answered.	
OR is the off-site disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.	
(In Situ) Soil Vapor Extraction	Not answered.	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.	
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.	
OTHER (Non-listed remedial process)	Not answered.	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed ef- which includes the anticipated timelines for beginning and completing the remediation.	forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,	
to report and/or file certain release notifications and perform corrective actions for releat the OCD does not relieve the operator of liability should their operations have failed to a	nowledge and understand that pursuant to OCD rules and regulations all operators are required ses which may endanger public health or the environment. The acceptance of a C-141 report by dequately investigate and remediate contamination that pose a threat to groundwater, surface does not relieve the operator of responsibility for compliance with any other federal, state, or	
I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 04/21/2025	

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.

Action 453709

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

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QUESTIONS, Page 5

Action 453709

QUESTIONS (continued)	
Operator: Enterprise Field Services, LLC	OGRID: 241602
PO Box 4324 Houston, TX 77210	Action Number: 453709
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only		
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.		
Requesting a deferral of the remediation closure due date with the approval of this submission	Νο	

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

QUESTIONS, Page 6

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	<i></i>
QUESTIONS	(continued)

Operator:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	453709
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	421746
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/23/2025
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	200

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	135
What was the total volume (cubic yards) remediated	64
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	135
What was the total volume (in cubic yards) reclaimed	64
Summarize any additional remediation activities not included by answers (above)	None
	closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of
	knowledge and understand that pursuant to OCD rules and regulations all operators are required
the OCD does not relieve the operator of liability should their operations have failed to a water, human health or the environment. In addition, OCD acceptance of a C-141 repor	uses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or ially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed ng notification to the OCD when reclamation and re-vegetation are complete.
	Neme: Themes Leng

	Name: Thomas Long
I hereby agree and sign off to the above statement	Title: Sr Field Environmental Scientist
Thereby agree and sign on to the above statement	Email: tjlong@eprod.com
	Date: 04/21/2025

General Information Phone: (505) 629-6116

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

QUESTIONS, Page 7

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Action 453709

QUESTIONS (continued)		
Operator:	OGRID:	
Enterprise Field Services, LLC	241602	
PO Box 4324	Action Number:	
Houston, TX 77210	453709	
	Action Type:	
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS

Reclamation Report		
Only answer the questions in this group if all reclamation steps have been completed.		
Requesting a reclamation approval with this submission	Yes	
What was the total reclamation surface area (in square feet) for this site	135	
What was the total volume of replacement material (in cubic yards) for this site	64	
	four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 ver must include a top layer, which is either the background thickness of topsoil or one foot of suitable material	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes	
On what (estimated) date will (or was) the reseeding commence(d)	12/07/2024	
Summarize any additional reclamation activities not included by answers (above)	None	
	eclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form t field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.		
I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 04/21/2025	

General Information Phone: (505) 629-6116

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

QUESTIONS (continued)

Operator:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	453709
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report

Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied

Requesting a restoration complete approval with this submission

No Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete

Action 453709

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CONDITIONS

Operator:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	453709
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	6/27/2025

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Action 453709