



CLOSURE REPORT

Property:

Lateral C-38 #2 (July 2025)
Unit Letter P, S13 T27N R9W
San Juan County, New Mexico

New Mexico EMNRD OCD Incident ID No. NAPP2520438284

October 17, 2025

Ensolum Project No. 05A1226379

Prepared for:

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

Prepared by:

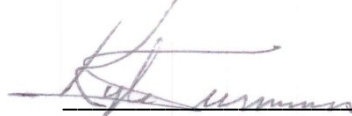

Chad D'A Ponti
Project Scientist
Kyle Summers
Senior Managing Geologist

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1.0 INTRODUCTION

1.1 Site Description & Background

Operator:	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)
Site Name:	Lateral C-38 #2 (Site)
NM EMNRD OCD Incident ID No.	NAPP2520438284
Location:	36.569920° North, -107.734190° West Unit Letter P, Section 13, Township 27 North, Range 09 West San Juan County, New Mexico
Property:	Navajo Nation
Regulatory:	Navajo Nation Environmental Protection Agency (NNEPA)

On July 15, 2025, a potential release of natural gas was identified from the Lateral C-38 pipeline. Enterprise subsequently isolated and locked the pipeline out of service. On July 23, 2025, Enterprise initiated activities to remediate potential petroleum hydrocarbon impact. On July 23, 2025, Enterprise determined the release was “reportable” and notifications were performed.

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 NNEPA. 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**.

- No PODs were identified in this or the adjacent PLSS sections (**Figure A, Appendix B**).
- No cathodic protection wells (CPWs) with recorded depths to water were identified in the NM EMNRD OCD imaging database within one mile of the Site (**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**). A “blue line” ephemeral wash is located approximately 85 feet southwest 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**).
- 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 within a 100-year floodplain (**Figure H, Appendix B**).

Based on available information Enterprise estimates the depth to water at the Site to potentially be less than 50 feet bgs due to the elevation of the release relative to the elevation of the Blanco Canyon Wash, and the proximity of the nearby "blue-line" ephemeral wash, resulting in a Tier I ranking. The closure criteria for soils remaining in place at the Site include:

Tier I Closure Criteria for Soils Impacted by a Release		
Constituent ¹	Method	Limit
Chloride	EPA 300.0 or SM4500 Cl 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).

Abatement standards for water at the Site include the following benzene, toluene, ethylbenzene, and total xylenes (BTEX) concentrations:

New Mexico WQCC BTEX Standards for Groundwater	
Constituent ¹	Limit
Benzene	5 µg/L
Toluene	1,000 µg/L
Ethylbenzene	700 µg/L
Total Xylenes	600 µg/L

¹ – Constituent concentrations are in micrograms per liter (µg/L).

3.0 REMEDIATION ACTIVITIES

On July 23, 2025, Enterprise initiated activities to remediate petroleum hydrocarbon impact resulting from the release. During the remediation and corrective action activities, OFT Construction, Inc. provided heavy equipment and labor support, while Ensolum provided environmental consulting support.

The primary excavation measured approximately 31 feet by 32 feet at the maximum extents, of the main excavation. The maximum depth of the primary excavation measured approximately 11 feet bgs. The total surface expression of the excavation was approximately 992 ft². The lithology encountered during the completion of remediation activities consisted primarily of unconsolidated silty sandy clay.

Approximately 738 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 SAMPLING PROGRAM

Ensolum field screened the soil samples from the excavation utilizing a calibrated photoionization detector (PID) fitted with a 10.6 eV lamp to guide excavation extents.

Ensolum's soil sampling program included the collection of 16 composite soil samples (S-1 through S-16) from the excavation and one composite sample (BF-1) from the Envirotech-sourced backfill stockpile that was shared with an adjacent release (NAPP2519050239)) 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 the excavation and backfill.

On July 25, 2025 and July 28, 2025, sampling was performed at the Site. Composite soil samples S-1 through S-5, and S-12 were collected from the floor of the excavation. Composite soil samples S-6 through S-11 and S-13 through S-16 were collected from the walls of the excavation.

Water was encountered at approximately the total depth of the excavation. One water sample was collected from the excavation beneath the repaired leak location utilizing a disposable sampling bailer.

All 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 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 water sample collected from the excavation was analyzed for Volatile Organic Compounds (VOCs) utilizing U.S. Environmental Protection Agency (EPA) SW-846 Method 8260B.

The laboratory analytical results are summarized in **Table 1** and **Table 2 (Appendix E)**. The laboratory data sheets and executed chain-of-custody forms are provided in **Appendix F** and **Appendix G**.

6.0 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-16 and BF-1) to the applicable NM EMNRD OCD closure criteria. Due to the high PQLs/RLs associated with the TPH MRO results when using EPA SW-846 Method 8015, Ensolum only compares the quantified TPH results to the New Mexico EMNRD OCD closure criteria. The soil laboratory analytical results are summarized in **Table 1 (Appendix E)**.

- The laboratory results for composite soil samples S-10 and S-11 indicate benzene concentrations of 0.028 mg/kg and 0.033 mg/kg, respectively, which are less than the NM EMNRD OCD closure criteria of 10 mg/kg. The laboratory analytical results for the other composite soil samples collected from soils remaining at the Site 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 results for composite soil samples S-10 and S-11 indicate total BTEX concentrations of 0.081 mg/kg and 0.092 mg/kg, respectively, which are less than the NM EMNRD OCD closure criteria of 50 mg/kg. The laboratory analytical results for the other composite soil samples collected from soils remaining at the Site indicate that total BTEX is not present at concentrations 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 soils remaining at the Site indicate that total combined TPH GRO/DRO/MRO concentrations are less than the laboratory PQLs / RLs, which are less than the NM EMNRD OCD closure criteria of 100 mg/kg.

- Laboratory results for composite soil samples S-6 through S-11, and S-13 through S-16 indicate chloride concentrations ranging from 70 mg/kg (S-12) to 130 mg/kg (S-8), 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 compared the BTEX laboratory analytical results or laboratory practical quantitation limits (PQLs) / reporting limits (RLs) associated with water samples collected from the excavation to the New Mexico WQCC GQSs. The results of the analyses are summarized in **Table 2** of **Appendix E**.

- The analytical result for the excavation water sample does not indicate a benzene concentration above the laboratory PQL/RL, which is below the WQCC GQS of 5 µg/L.
- The analytical result for the excavation water sample does not indicate a toluene concentration above the laboratory PQL/RL, which is below the WQCC GQS of 1,000 µg/L.
- The analytical result for the excavation water sample does not indicate a ethylbenzene concentration above the laboratory PQL/RL, which is below the WQCC GQS of 700 µg/L.
- The analytical result for the excavation water sample does not indicate a total xylene concentration above the laboratory PQL/RL, which is below the WQCC GQS of 620 µg/L.

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**, **APPENDIX E**, 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 vegetation is predominantly of the Grassland/Sagebrush Vegetation Communities. 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

- Seventeen 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 738 cubic yards (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.

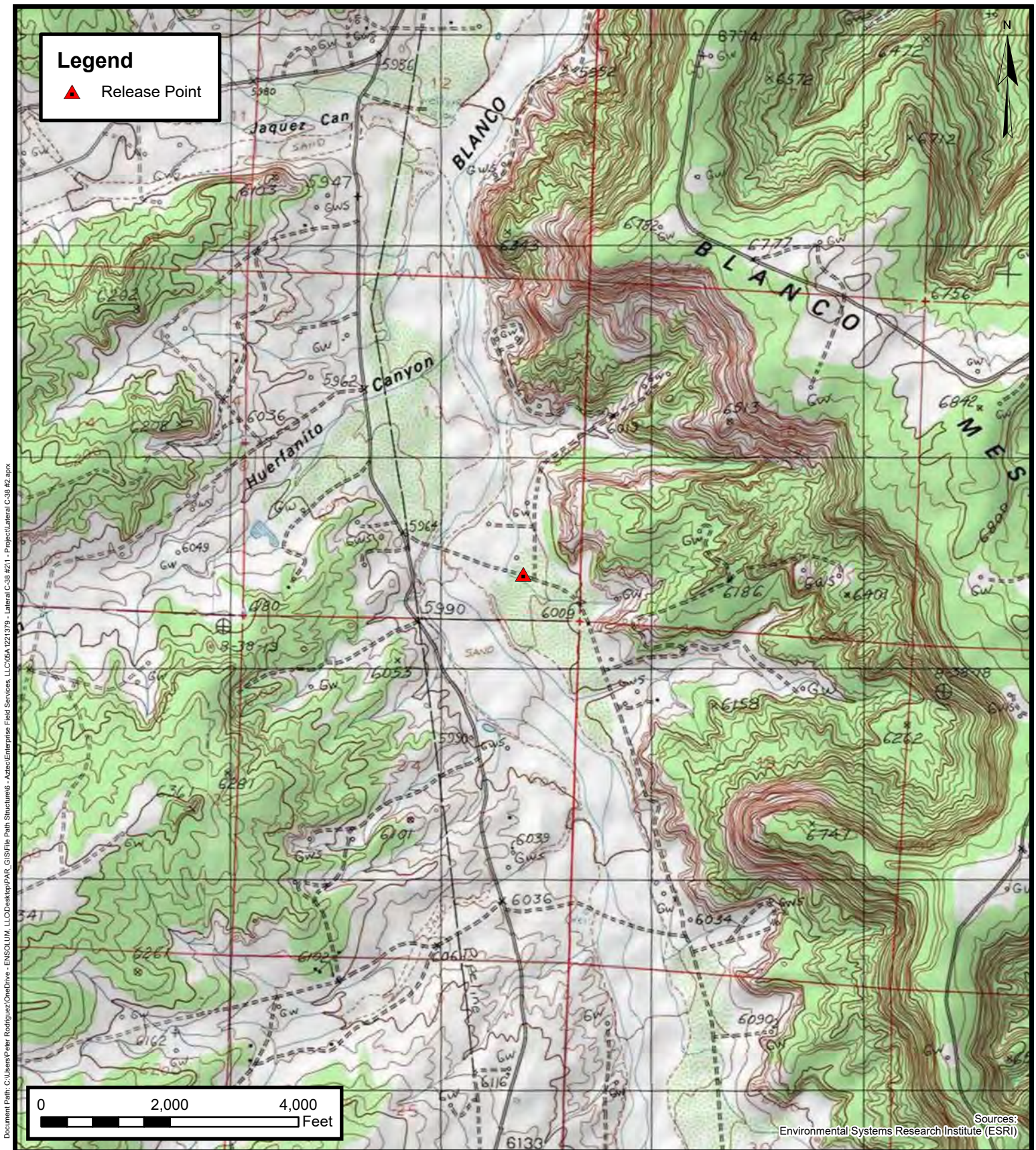
10.3 Reliance

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 this 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



Topographic Map

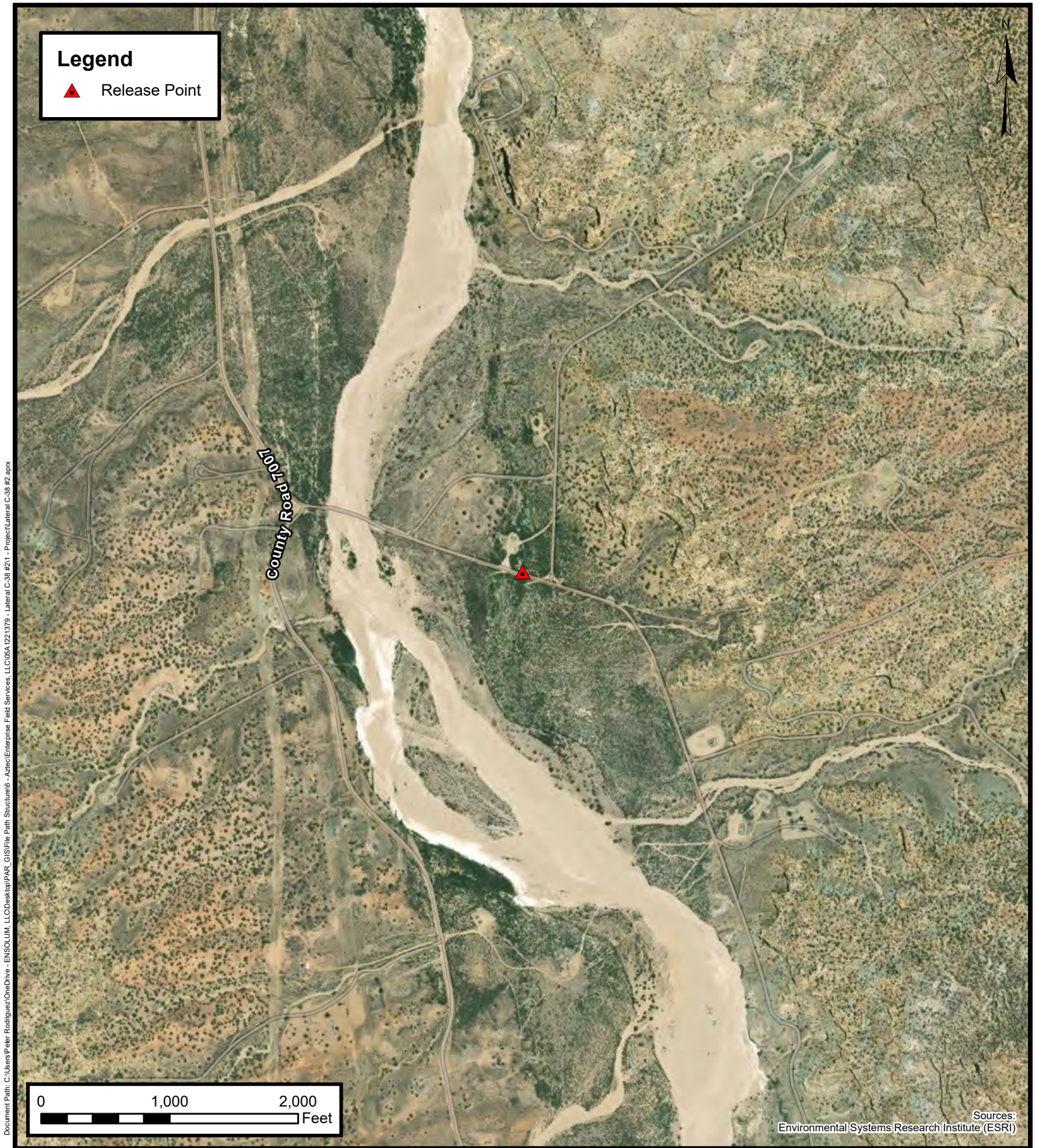
Enterprise Field Services, LLC
Lateral C-38 #2

Project Number: 05A1221379

Unit Letter P, S13, T27N, R09W, San Juan County, New Mexico
36.569920, -107.734190

FIGURE

1



Site Vicinity Map

Enterprise Field Services, LLC
Lateral C-38 #2

Project Number: 05A1221379

Unit Letter P, S13, T27N, R09W, San Juan County, New Mexico
36.569920, -107.734190

FIGURE

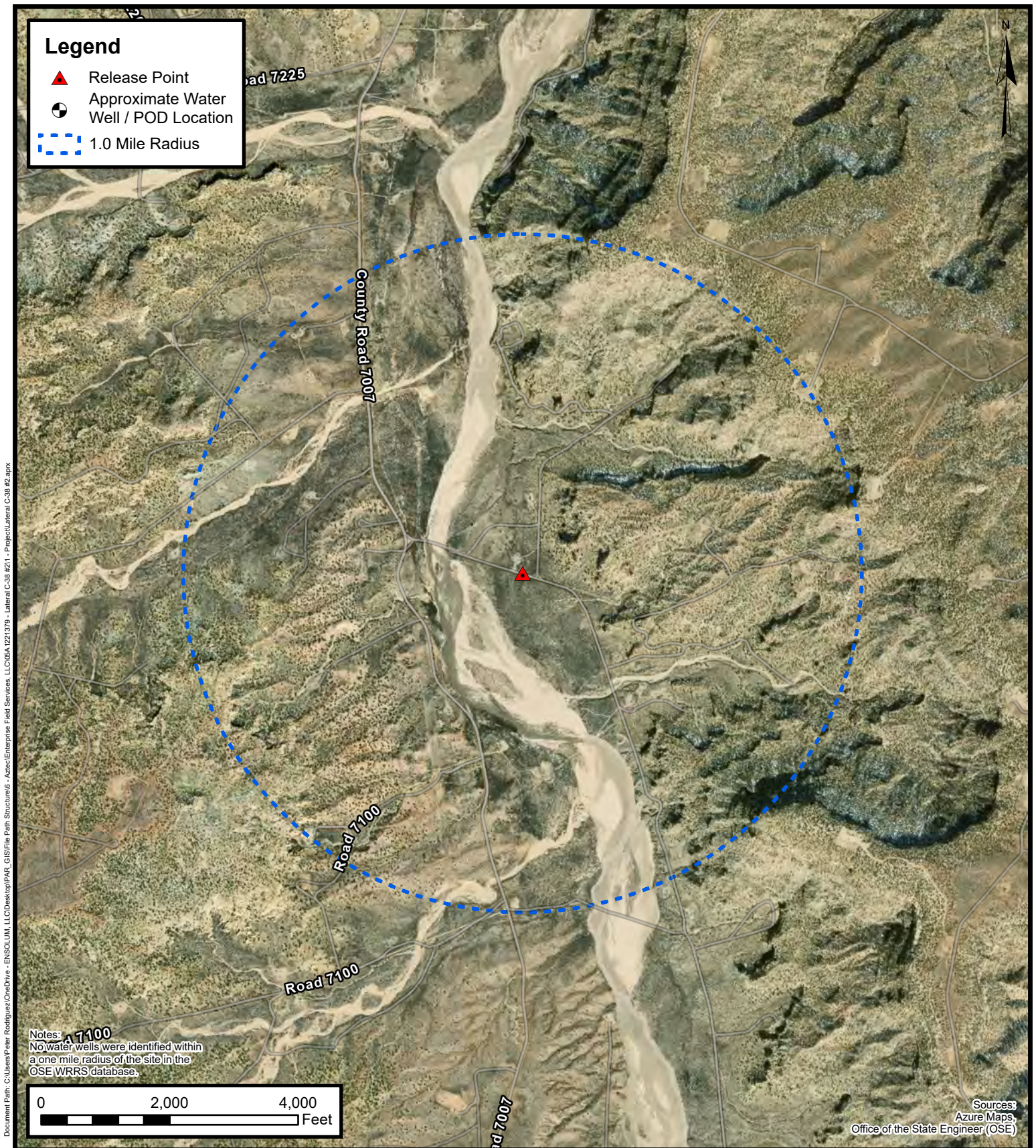
2





APPENDIX B

Siting Figures and Documentation



1.0 Mile Radius Water Well / POD Location Map

Enterprise Field Services, LLC
Lateral C-38 #2

Project Number: 05A1221379

Unit Letter P, S13, T27N, R09W, San Juan County, New Mexico
36.569920, -107.734190

**FIGURE
A**



Nearest Cathodic Protection Well with Recorded Depth to Water

Enterprise Field Services, LLC

Lateral C-38 #2

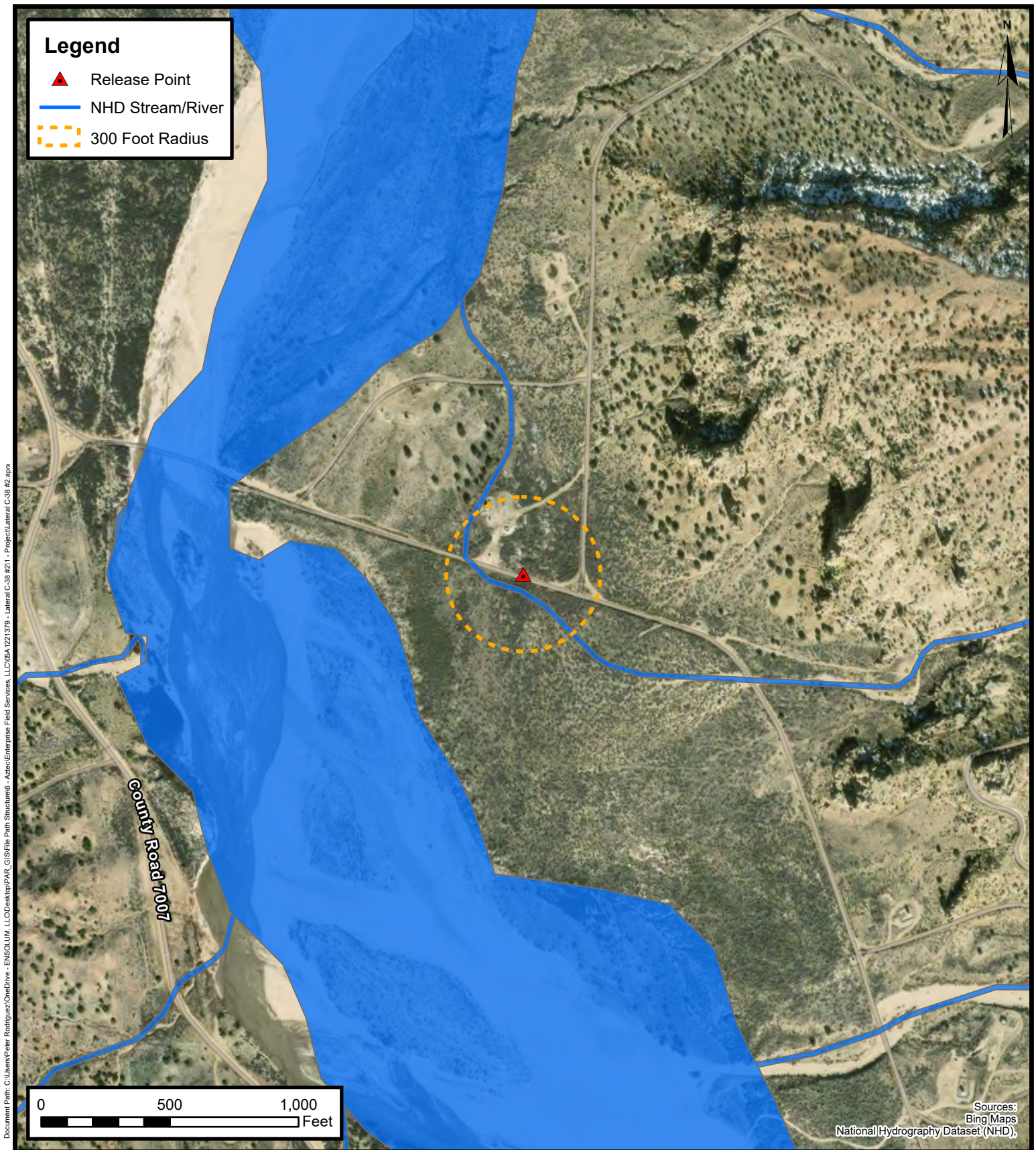
Project Number: 05A1221379

Unit Letter P, S13, T27N, R09W, San Juan County, New Mexico
36.569920, -107.734190

FIGURE

B





300 Foot Radius Watercourse and Drainage Identification

Enterprise Field Services, LLC

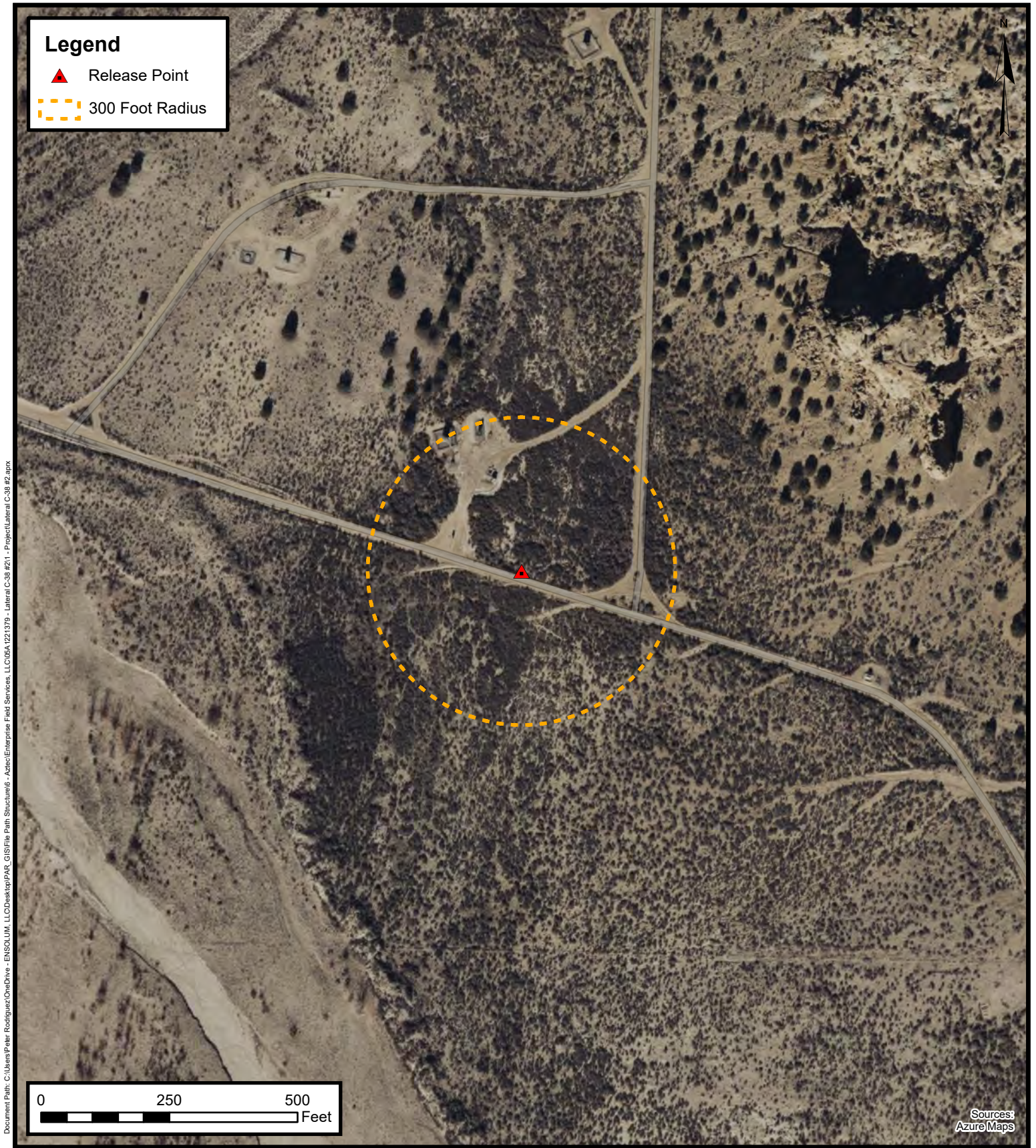
Lateral C-38 #2

Project Number: 05A1221379

Unit Letter P, S13, T27N, R09W, San Juan County, New Mexico
36.569920, -107.734190

FIGURE

C



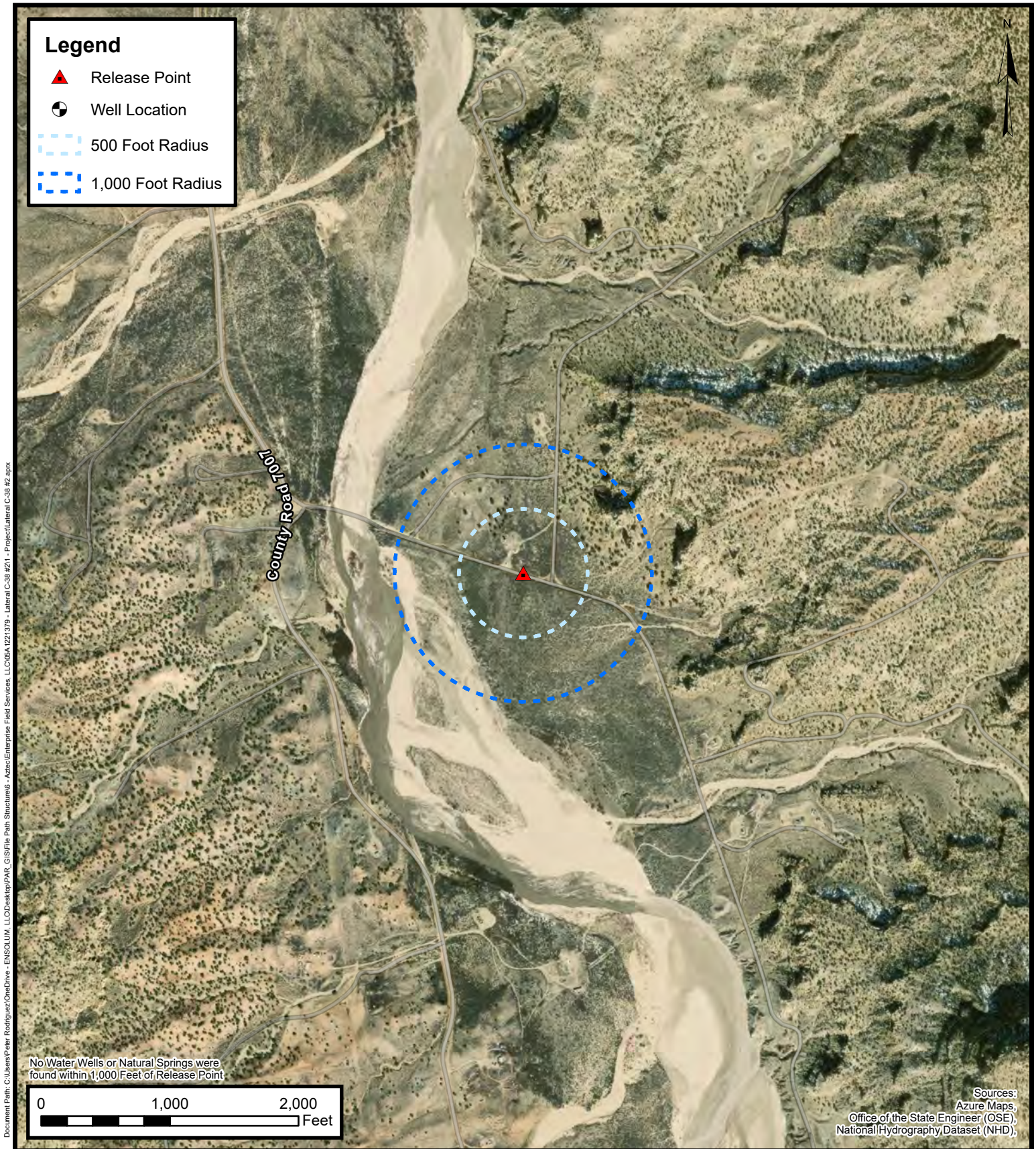
**300 Foot Radius Occupied
Structure Identification**

Enterprise Field Services, LLC
Lateral C-38 #2

Project Number: 05A1221379

Unit Letter P, S13, T27N, R09W, San Juan County, New Mexico
36.569920, -107.734190

**FIGURE
D**



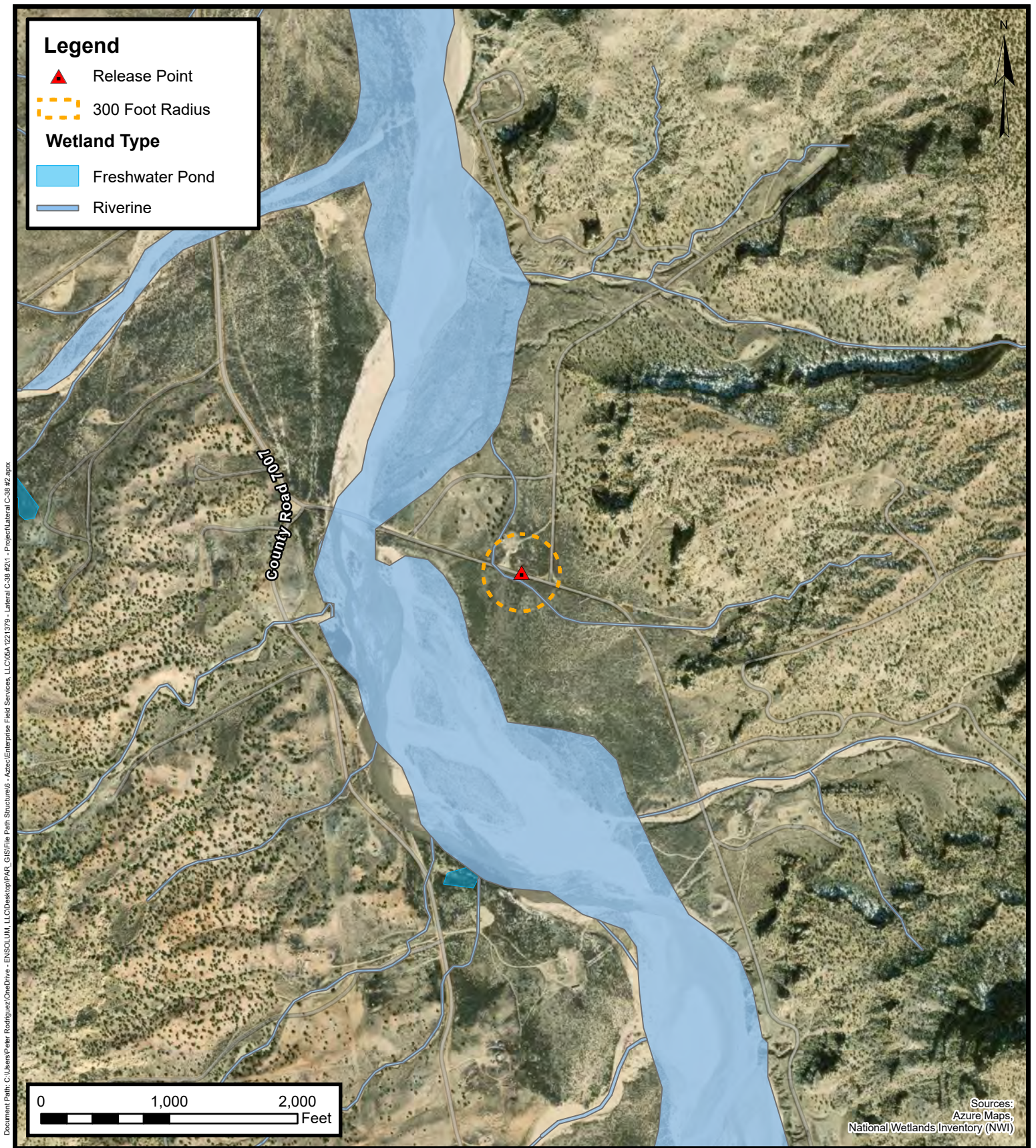
Water Well and Natural Spring Location

Enterprise Field Services, LLC
Lateral C-38 #2

Project Number: 05A1221379

Unit Letter P, S13, T27N, R09W, San Juan County, New Mexico
36.569920, -107.734190

FIGURE
E



Wetlands

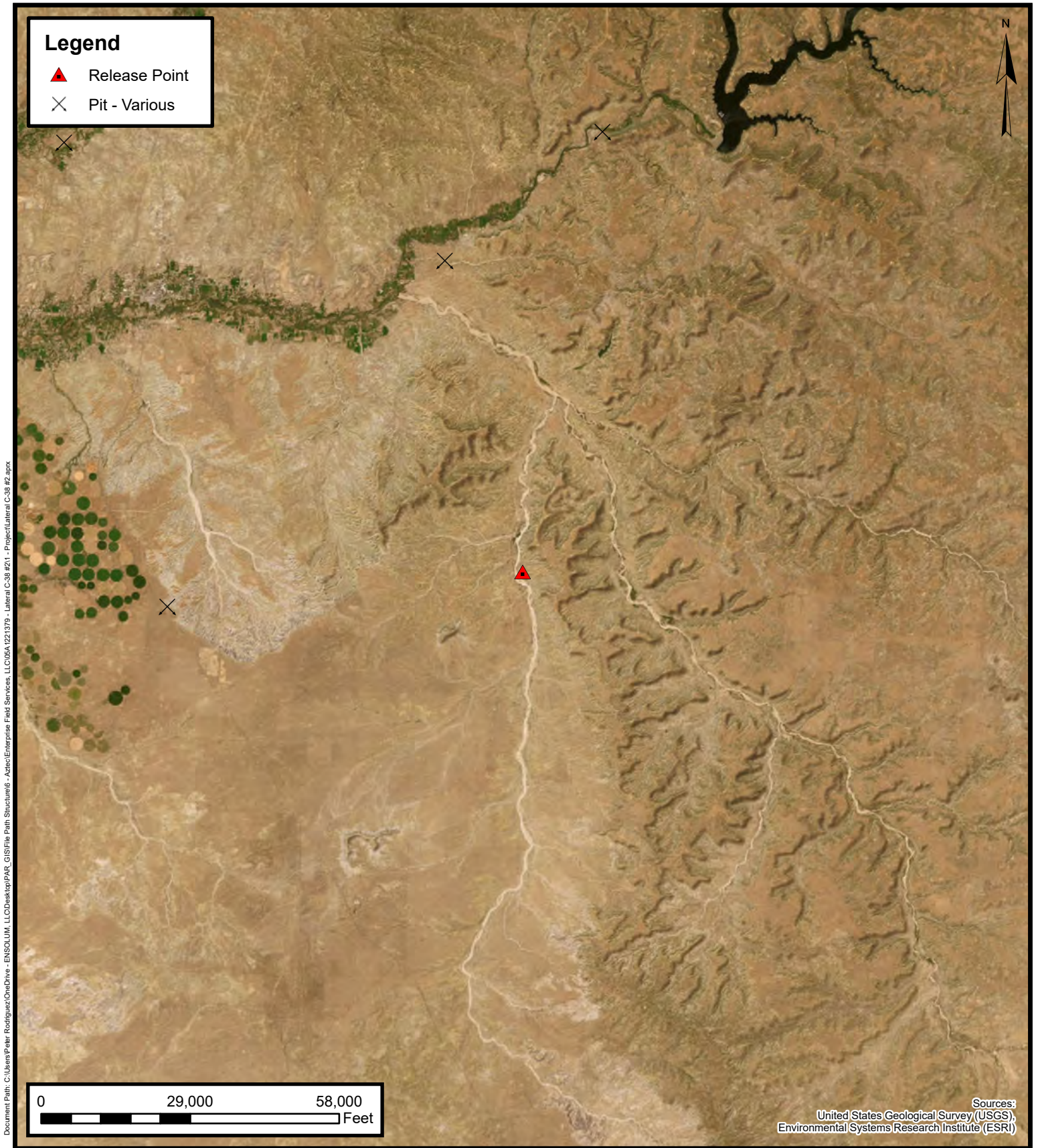
Enterprise Field Services, LLC
Lateral C-38 #2

Project Number: 05A1221379

Unit Letter P, S13, T27N, R09W, San Juan County, New Mexico
36.569920, -107.734190

FIGURE

F



Mines, Mills, and Quarries

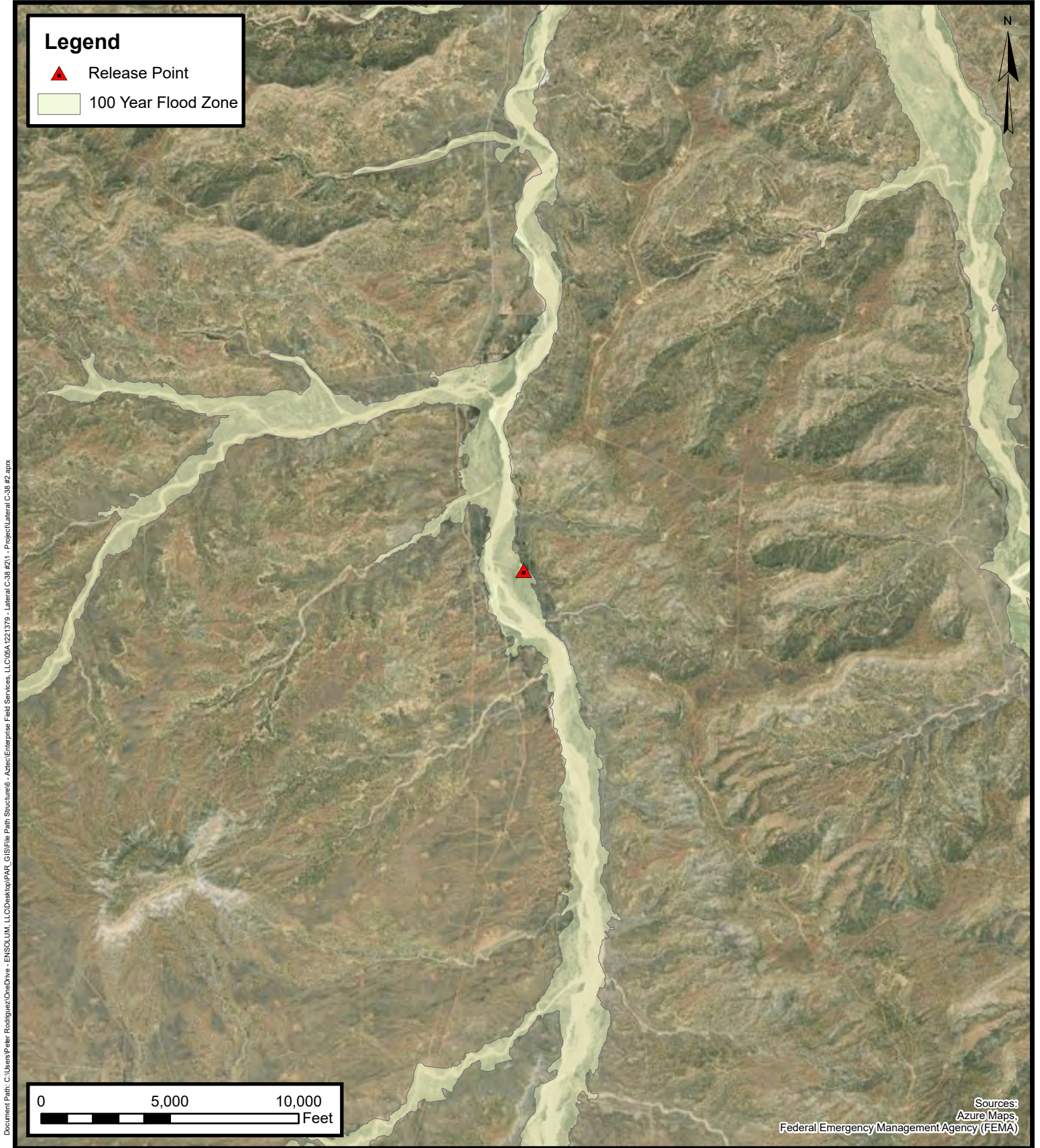
Enterprise Field Services, LLC
Lateral C-38 #2

Project Number: 05A1221379

Unit Letter P, S13, T27N, R09W, San Juan County, New Mexico
36.569920, -107.734190

FIGURE

G



ENSOLUM
Environmental, Engineering and
Hydrogeologic Consultants

100-Year Flood Plain Map
Enterprise Field Services, LLC
Lateral C-38 #2
Project Number: 05A1221379
Unit Letter P, S13, T27N, R09W, San Juan County, New Mexico
36.569920, -107.734190

**FIGURE
H**



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

No report data available.

Basin/County Search:

Basin: SJ

County: SJ

PLSS Search:

Range: 09W

Township: 27N

Section: 11, 12, 13, 14, 23, 24

* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

No report data available.

Basin/County Search:

Basin: SJ

County: SJ

PLSS Search:

Range: 08W

Township: 27N

Section: 18, 19, 30

* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



APPENDIX C

Executed C-138 Solid Waste Acceptance Form

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: ME Eddleman
AFE: N81564

2. Originating Site:

Lateral C-38 #2

3. Location of Material (Street Address, City, State or ULSTR):

UL P Section 13 T27N R9W; 36.56992, -107.73419

4. Source and Description of Waste:

Source: Remediation activities associated with a natural gas pipeline leak.

Description: Hydrocarbon/Condensate impacted soil associated natural gas pipeline release.

Estimated Volume 50 yd³ / bbls Known Volume (to be entered by the operator at the end of the haul) 738 yd³ / bbls

5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS

I, Thomas Long *Thomas Long*, representative or authorized agent for Enterprise Products Operating do hereby

Generator Signature

certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental 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 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 the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description in Box 4)

GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS

I, Thomas Long *Thomas Long* 7-22-2025, representative for Enterprise Products Operating authorizes Envirotech, Inc. to complete

Generator Signature

the required testing/sign the Generator Waste Testing Certification.

I, Greg Crabtree, representative for Envirotech, Inc. do hereby certify that representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.

5. Transporter: Riley Industrial and Other Enterprise Contractors.

OCD Permitted Surface Waste Management Facility

Name and Facility Permit #: Envirotech Inc. Soil Remediation Facility * Permit #: NM 01-0011

Address of Facility: Hilltop, NM

Method of Treatment and/or Disposal:

☐ Evaporation ☐ Injection ☐ Treating Plant ☒ Landfarm ☐ Landfill ☐ Other

Waste Acceptance Status:

☒ APPROVED

☐ DENIED (Must Be Maintained As Permanent Record)

PRINT NAME: Greg Crabtree

TITLE: Enviro Manager

DATE: 7/24/25

SIGNATURE: [Signature]

TELEPHONE NO.:

Surface Waste Management Facility Authorized Agent

505-632-0615



APPENDIX D

Photographic Documentation

SITE PHOTOGRAPHS

Enterprise Field Services, LLC
Closure Report
Lateral C-38 #2 Pipeline Release
Ensolum Project No. 05A1226379

**Photograph 1**

Photograph Description: View of the initial excavation.

**Photograph 2**

Photograph Description: View of the in process excavation activities.

**Photograph 3**

Photograph Description: View of the in process excavation activities.



SITE PHOTOGRAPHS

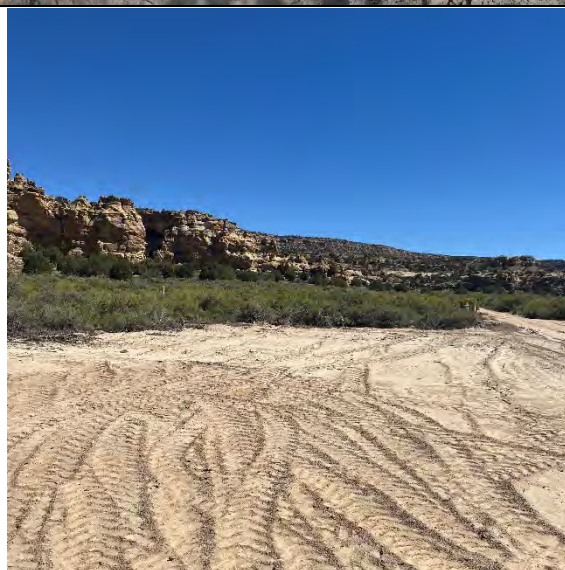
Enterprise Field Services, LLC
Closure Report
Lateral C-38 #2 Pipeline Release
Ensolum Project No. 05A1226379

**Photograph 4**

Photograph Description: View of the final excavation.

**Photograph 5**

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





APPENDIX E

Data Tables



TABLE 1
Lateral C-38 #2
SOIL ANALYTICAL SUMMARY

Sample I.D.	Date	Sample Type	Sample Depth	Benzene	Ethylbenzene	Toluene	Xylenes	Total BTEX ¹	TPH GRO	TPH DRO	TPH MRO	Total Combined TPH (GRO/DRO/MRO) ¹	Chloride
		C- Composite G - Grab	(feet)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(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	7.25.25	C	11	<0.015	<0.030	<0.030	<0.059	ND	<3.0	<9.8	<49	ND	<61
S-2	7.25.25	C	11	<0.014	<0.029	<0.029	<0.058	ND	<2.9	<9.5	<48	ND	<60
S-3	7.25.25	C	11	<0.015	<0.029	<0.029	<0.058	ND	<2.9	<9.8	<49	ND	<60
S-4	7.25.25	C	11	<0.016	<0.032	<0.032	<0.064	ND	<3.2	<10	<50	ND	<60
S-5	7.25.25	C	11	<0.015	<0.030	<0.030	<0.059	ND	<3.0	<9.5	<48	ND	<60
S-6	7.25.25	C	0 to 11	<0.022	<0.044	<0.044	<0.088	ND	<4.4	<9.8	<49	ND	75
S-7	7.25.25	C	0 to 11	<0.021	<0.043	<0.043	<0.085	ND	<4.3	<9.6	<48	ND	78
S-8	7.25.25	C	0 to 11	<0.022	<0.043	<0.043	<0.087	ND	<4.3	<9.5	<48	ND	130
S-9	7.25.25	C	0 to 11	<0.025	<0.049	<0.049	<0.099	ND	<4.9	<9.2	<46	ND	120
S-10	7.25.25	C	0 to 11	0.028	<0.046	0.053	<0.091	0.081	<4.6	<9.5	<47	ND	76
S-11	7.25.25	C	0 to 11	0.033	<0.040	0.059	<0.081	0.092	<4.0	<9.6	<48	ND	77
S-12	7.28.25	C	11	<0.018	<0.035	<0.035	<0.070	ND	<3.5	<9.7	<48	ND	<60
S-13	7.28.25	C	0 to 11	<0.020	<0.040	<0.040	<0.081	ND	<4.0	<9.9	<50	ND	78
S-14	7.28.25	C	0 to 11	<0.021	<0.042	<0.042	<0.084	ND	<4.2	<9.4	<47	ND	79
S-15	7.28.25	C	0 to 11	<0.019	<0.037	<0.037	<0.075	ND	<3.7	<9.8	<49	ND	70
S-16	7.28.25	C	0 to 11	<0.033	<0.066	<0.066	<0.13	ND	<6.6	<9.8	<49	ND	75
Backfill Composite Soil Sample													
BF-1	7.22.25	C	BF	<0.016	<0.032	<0.032	<0.064	ND	<3.3	<9.9	<49	ND	<61

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

¹ = Total combined concentrations are rounded to two (2) or three (3) significant figures (depending on which laboratory was used) 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

mg/kg = milligrams per kilogram

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes

TPH = Total Petroleum Hydrocarbons

GRO = Gasoline Range Organics



TABLE 1
Lateral C-38 #2
SOIL ANALYTICAL SUMMARY

Sample I.D.	Date	Sample Type	Sample Depth	Benzene	Ethylbenzene	Toluene	Xylenes	Total BTEX ¹	TPH GRO	TPH DRO	TPH MRO	Total Combined TPH (GRO/DRO/MRO) ¹	Chloride
		C- Composite G - Grab	(feet)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(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

DRO = Diesel Range Organics

MRO = Motor Oil/Lube Oil Range Organics

BF = Backfill sample



TABLE 2 Lateral C-38 #2 WATER ANALYTICAL SUMMARY					
Sample I.D.	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		5	1,000	720	620
WS-1	7.25.25	<1.0	<1.0	<1.0	<1.5

Note: Concentrations in **bold** and yellow exceed the WQCC GQS.

NA = Not Analyzed

NE = Not Established

µg/L = microgram per liter

<1.0 = the numeral (in this case "1.0") identifies the laboratory PQL/RL



APPENDIX F

Laboratory Data Sheets & Chain of Custody Documentation



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kyle Summers
Ensolum
606 S Rio Grande
Suite A
Aztec, New Mexico 87410

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JOB DESCRIPTION

Lateral C-38 #2

JOB NUMBER

885-29679-1

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
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Revision 1

Client: Ensolum
Project/Site: Lateral C-38 #2

Laboratory Job ID: 885-29679-1

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Definitions/Glossary

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
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F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits

Glossary

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

Eurofins Albuquerque

Case Narrative

Client: Ensolum
Project: Lateral C-38 #2

Job ID: 885-29679-1

Job ID: 885-29679-1

Eurofins Albuquerque

**Job Narrative
885-29679-1**

REVISION

The report being provided is a revision of the original report sent on 7/30/2025. The report (revision 1) is being revised due to Client updated the project name for this job. Updated COC and report reflected.

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

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

Receipt

The samples were received on 7/26/2025 7:30 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 2.5°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

Method 300_OF_28D_PREC: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-31008 and analytical batch 885-31013 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

Client Sample ID: S-1

Lab Sample ID: 885-29679-1

Date Collected: 07/25/25 09:00

Matrix: Solid

Date Received: 07/26/25 07:30

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.0	mg/Kg		07/28/25 09:49	07/28/25 12:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		15 - 150	07/28/25 09:49	07/28/25 12:45	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.015	mg/Kg		07/28/25 09:49	07/28/25 12:45	1
Ethylbenzene	ND		0.030	mg/Kg		07/28/25 09:49	07/28/25 12:45	1
Toluene	ND		0.030	mg/Kg		07/28/25 09:49	07/28/25 12:45	1
Xylenes, Total	ND		0.059	mg/Kg		07/28/25 09:49	07/28/25 12:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150	07/28/25 09:49	07/28/25 12:45	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		07/28/25 09:47	07/28/25 11:36	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		07/28/25 09:47	07/28/25 11:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134	07/28/25 09:47	07/28/25 11:36	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		61	mg/Kg		07/28/25 10:50	07/28/25 12:14	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

Client Sample ID: S-2

Lab Sample ID: 885-29679-2

Date Collected: 07/25/25 09:05

Matrix: Solid

Date Received: 07/26/25 07:30

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		2.9	mg/Kg		07/28/25 09:49	07/28/25 13:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		15 - 150	07/28/25 09:49	07/28/25 13:07	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.014	mg/Kg		07/28/25 09:49	07/28/25 13:07	1
Ethylbenzene	ND		0.029	mg/Kg		07/28/25 09:49	07/28/25 13:07	1
Toluene	ND		0.029	mg/Kg		07/28/25 09:49	07/28/25 13:07	1
Xylenes, Total	ND		0.058	mg/Kg		07/28/25 09:49	07/28/25 13:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150	07/28/25 09:49	07/28/25 13:07	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		07/28/25 09:47	07/28/25 12:13	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		07/28/25 09:47	07/28/25 12:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	74		62 - 134	07/28/25 09:47	07/28/25 12:13	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/28/25 10:50	07/28/25 12:24	20

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Client Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

Client Sample ID: S-3

Lab Sample ID: 885-29679-3

Date Collected: 07/25/25 09:10

Matrix: Solid

Date Received: 07/26/25 07:30

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		2.9	mg/Kg		07/28/25 09:49	07/28/25 13:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150	07/28/25 09:49	07/28/25 13:29	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.015	mg/Kg		07/28/25 09:49	07/28/25 13:29	1
Ethylbenzene	ND		0.029	mg/Kg		07/28/25 09:49	07/28/25 13:29	1
Toluene	ND		0.029	mg/Kg		07/28/25 09:49	07/28/25 13:29	1
Xylenes, Total	ND		0.058	mg/Kg		07/28/25 09:49	07/28/25 13:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150	07/28/25 09:49	07/28/25 13:29	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		07/28/25 09:47	07/28/25 11:44	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		07/28/25 09:47	07/28/25 11:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134	07/28/25 09:47	07/28/25 11:44	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/28/25 10:50	07/28/25 12:34	20

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Client Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

Client Sample ID: S-4

Lab Sample ID: 885-29679-4

Date Collected: 07/25/25 09:15

Matrix: Solid

Date Received: 07/26/25 07:30

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.2	mg/Kg		07/28/25 09:49	07/28/25 13:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		15 - 150	07/28/25 09:49	07/28/25 13:51	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016	mg/Kg		07/28/25 09:49	07/28/25 13:51	1
Ethylbenzene	ND		0.032	mg/Kg		07/28/25 09:49	07/28/25 13:51	1
Toluene	ND		0.032	mg/Kg		07/28/25 09:49	07/28/25 13:51	1
Xylenes, Total	ND		0.064	mg/Kg		07/28/25 09:49	07/28/25 13:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		15 - 150	07/28/25 09:49	07/28/25 13:51	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		07/28/25 09:47	07/28/25 11:55	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		07/28/25 09:47	07/28/25 11:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134	07/28/25 09:47	07/28/25 11:55	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/28/25 10:50	07/28/25 12:44	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

Client Sample ID: S-5

Lab Sample ID: 885-29679-5

Date Collected: 07/25/25 09:20

Matrix: Solid

Date Received: 07/26/25 07:30

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.0	mg/Kg		07/28/25 09:49	07/28/25 14:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150	07/28/25 09:49	07/28/25 14:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.015	mg/Kg		07/28/25 09:49	07/28/25 14:12	1
Ethylbenzene	ND		0.030	mg/Kg		07/28/25 09:49	07/28/25 14:12	1
Toluene	ND		0.030	mg/Kg		07/28/25 09:49	07/28/25 14:12	1
Xylenes, Total	ND		0.059	mg/Kg		07/28/25 09:49	07/28/25 14:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150	07/28/25 09:49	07/28/25 14:12	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		07/28/25 09:47	07/28/25 12:06	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		07/28/25 09:47	07/28/25 12:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	76		62 - 134	07/28/25 09:47	07/28/25 12:06	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/28/25 10:50	07/28/25 12:54	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

Client Sample ID: S-6

Lab Sample ID: 885-29679-6

Date Collected: 07/25/25 09:25

Matrix: Solid

Date Received: 07/26/25 07:30

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.4	mg/Kg		07/28/25 09:49	07/28/25 14:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		15 - 150	07/28/25 09:49	07/28/25 14:34	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.022	mg/Kg		07/28/25 09:49	07/28/25 14:34	1
Ethylbenzene	ND		0.044	mg/Kg		07/28/25 09:49	07/28/25 14:34	1
Toluene	ND		0.044	mg/Kg		07/28/25 09:49	07/28/25 14:34	1
Xylenes, Total	ND		0.088	mg/Kg		07/28/25 09:49	07/28/25 14:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150	07/28/25 09:49	07/28/25 14:34	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		07/28/25 09:47	07/28/25 12:16	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		07/28/25 09:47	07/28/25 12:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134	07/28/25 09:47	07/28/25 12:16	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75		60	mg/Kg		07/28/25 10:50	07/28/25 13:03	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

Client Sample ID: S-7

Lab Sample ID: 885-29679-7

Date Collected: 07/25/25 09:30

Matrix: Solid

Date Received: 07/26/25 07:30

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.3	mg/Kg		07/28/25 09:49	07/28/25 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		15 - 150	07/28/25 09:49	07/28/25 14:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021	mg/Kg		07/28/25 09:49	07/28/25 14:56	1
Ethylbenzene	ND		0.043	mg/Kg		07/28/25 09:49	07/28/25 14:56	1
Toluene	ND		0.043	mg/Kg		07/28/25 09:49	07/28/25 14:56	1
Xylenes, Total	ND		0.085	mg/Kg		07/28/25 09:49	07/28/25 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150	07/28/25 09:49	07/28/25 14:56	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		07/28/25 09:47	07/28/25 12:27	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		07/28/25 09:47	07/28/25 12:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134	07/28/25 09:47	07/28/25 12:27	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78		60	mg/Kg		07/28/25 10:50	07/28/25 13:13	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

Client Sample ID: S-8

Lab Sample ID: 885-29679-8

Date Collected: 07/25/25 09:35

Matrix: Solid

Date Received: 07/26/25 07:30

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.3	mg/Kg		07/28/25 10:17	07/28/25 13:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			07/28/25 10:17	07/28/25 13:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.022	mg/Kg		07/28/25 10:17	07/28/25 13:02	1
Ethylbenzene	ND		0.043	mg/Kg		07/28/25 10:17	07/28/25 13:02	1
Toluene	ND		0.043	mg/Kg		07/28/25 10:17	07/28/25 13:02	1
Xylenes, Total	ND		0.087	mg/Kg		07/28/25 10:17	07/28/25 13:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150			07/28/25 10:17	07/28/25 13:02	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		07/28/25 09:47	07/28/25 12:38	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		07/28/25 09:47	07/28/25 12:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			07/28/25 09:47	07/28/25 12:38	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		60	mg/Kg		07/28/25 10:50	07/28/25 13:23	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

Client Sample ID: S-9

Lab Sample ID: 885-29679-9

Date Collected: 07/25/25 09:40

Matrix: Solid

Date Received: 07/26/25 07:30

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		07/28/25 10:17	07/28/25 13:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150	07/28/25 10:17	07/28/25 13:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		07/28/25 10:17	07/28/25 13:26	1
Ethylbenzene	ND		0.049	mg/Kg		07/28/25 10:17	07/28/25 13:26	1
Toluene	ND		0.049	mg/Kg		07/28/25 10:17	07/28/25 13:26	1
Xylenes, Total	ND		0.099	mg/Kg		07/28/25 10:17	07/28/25 13:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150	07/28/25 10:17	07/28/25 13:26	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2	mg/Kg		07/28/25 09:47	07/28/25 11:56	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		07/28/25 09:47	07/28/25 11:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	68		62 - 134	07/28/25 09:47	07/28/25 11:56	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		60	mg/Kg		07/28/25 10:50	07/28/25 13:53	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

Client Sample ID: S-10

Lab Sample ID: 885-29679-10

Date Collected: 07/25/25 09:45

Matrix: Solid

Date Received: 07/26/25 07:30

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.6	mg/Kg		07/28/25 10:17	07/28/25 13:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		15 - 150	07/28/25 10:17	07/28/25 13:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.028		0.023	mg/Kg		07/28/25 10:17	07/28/25 13:49	1
Ethylbenzene	ND		0.046	mg/Kg		07/28/25 10:17	07/28/25 13:49	1
Toluene	0.053		0.046	mg/Kg		07/28/25 10:17	07/28/25 13:49	1
Xylenes, Total	ND		0.091	mg/Kg		07/28/25 10:17	07/28/25 13:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150	07/28/25 10:17	07/28/25 13:49	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		07/28/25 09:47	07/28/25 12:20	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		07/28/25 09:47	07/28/25 12:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	87		62 - 134	07/28/25 09:47	07/28/25 12:20	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76	F1 F2	60	mg/Kg		07/28/25 10:50	07/28/25 14:02	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

Client Sample ID: S-11

Lab Sample ID: 885-29679-11

Date Collected: 07/25/25 09:50

Matrix: Solid

Date Received: 07/26/25 07:30

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.0	mg/Kg		07/28/25 10:17	07/28/25 14:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150	07/28/25 10:17	07/28/25 14:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.033		0.020	mg/Kg		07/28/25 10:17	07/28/25 14:13	1
Ethylbenzene	ND		0.040	mg/Kg		07/28/25 10:17	07/28/25 14:13	1
Toluene	0.059		0.040	mg/Kg		07/28/25 10:17	07/28/25 14:13	1
Xylenes, Total	ND		0.081	mg/Kg		07/28/25 10:17	07/28/25 14:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		15 - 150	07/28/25 10:17	07/28/25 14:13	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		07/28/25 09:47	07/28/25 12:43	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		07/28/25 09:47	07/28/25 12:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	87		62 - 134	07/28/25 09:47	07/28/25 12:43	1
Di-n-octyl phthalate (Surr)	89		62 - 134	07/28/25 09:47	07/28/25 14:43	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77		60	mg/Kg		07/28/25 10:50	07/28/25 14:12	20

Eurofins Albuquerque

QC Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

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

Lab Sample ID: MB 885-31000/1-A

Matrix: Solid

Analysis Batch: 31003

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31000

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		07/28/25 09:49	07/28/25 12:23	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		15 - 150			07/28/25 09:49	07/28/25 12:23	1

Lab Sample ID: LCS 885-31000/2-A

Matrix: Solid

Analysis Batch: 31003

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31000

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	29.7		mg/Kg		119	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	224		15 - 150				

Lab Sample ID: 885-29679-1 MS

Matrix: Solid

Analysis Batch: 31003

Client Sample ID: S-1

Prep Type: Total/NA

Prep Batch: 31000

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		14.8	17.2		mg/Kg		117	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	216		15 - 150						

Lab Sample ID: 885-29679-1 MSD

Matrix: Solid

Analysis Batch: 31003

Client Sample ID: S-1

Prep Type: Total/NA

Prep Batch: 31000

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		14.8	16.5		mg/Kg		112	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	210		15 - 150								

Lab Sample ID: MB 885-31006/1-A

Matrix: Solid

Analysis Batch: 31029

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31006

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		07/28/25 10:17	07/28/25 12:38	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			07/28/25 10:17	07/28/25 12:38	1

Eurofins Albuquerque

QC Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

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

Lab Sample ID: LCS 885-31006/2-A

Matrix: Solid

Analysis Batch: 31029

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31006

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	25.0		mg/Kg		100	70 - 130		
Surrogate		LCS %Recovery	LCS Qualifier	Limits							
4-Bromofluorobenzene (Surr)		193		15 - 150							

Lab Sample ID: 885-29679-8 MS

Matrix: Solid

Analysis Batch: 31029

Client Sample ID: S-8

Prep Type: Total/NA

Prep Batch: 31006

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]	ND		21.7	23.7		mg/Kg		109	70 - 130		
Surrogate		MS %Recovery	MS Qualifier	Limits							
4-Bromofluorobenzene (Surr)		197		15 - 150							

Lab Sample ID: 885-29679-8 MSD

Matrix: Solid

Analysis Batch: 31029

Client Sample ID: S-8

Prep Type: Total/NA

Prep Batch: 31006

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		21.7	22.4		mg/Kg		103	70 - 130	5	20
Surrogate		MSD %Recovery	MSD Qualifier	Limits							
4-Bromofluorobenzene (Surr)		198		15 - 150							

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: LCS 885-30895/3-A

Matrix: Solid

Analysis Batch: 31004

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 30895

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.942		mg/Kg		94	70 - 130		
Ethylbenzene			1.00	0.951		mg/Kg		95	70 - 130		
Toluene			1.00	0.936		mg/Kg		94	70 - 130		
Xylenes, Total			3.00	2.88		mg/Kg		96	70 - 130		
Surrogate		LCS %Recovery	LCS Qualifier	Limits							
4-Bromofluorobenzene (Surr)		97		15 - 150							

Eurofins Albuquerque

QC Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

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

Lab Sample ID: MB 885-31000/1-A

Matrix: Solid

Analysis Batch: 31004

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31000

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		07/28/25 09:49	07/28/25 12:23	1
Ethylbenzene	ND		0.050	mg/Kg		07/28/25 09:49	07/28/25 12:23	1
Toluene	ND		0.050	mg/Kg		07/28/25 09:49	07/28/25 12:23	1
Xylenes, Total	ND		0.10	mg/Kg		07/28/25 09:49	07/28/25 12:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150	07/28/25 09:49	07/28/25 12:23	1

Lab Sample ID: 885-29679-2 MS

Matrix: Solid

Analysis Batch: 31004

Client Sample ID: S-2

Prep Type: Total/NA

Prep Batch: 31000

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.579	0.503		mg/Kg		87	70 - 130
Ethylbenzene	ND		0.579	0.526		mg/Kg		91	70 - 130
Toluene	ND		0.579	0.503		mg/Kg		87	70 - 130
Xylenes, Total	ND		1.74	1.60		mg/Kg		92	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		15 - 150

Lab Sample ID: 885-29679-2 MSD

Matrix: Solid

Analysis Batch: 31004

Client Sample ID: S-2

Prep Type: Total/NA

Prep Batch: 31000

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.579	0.474		mg/Kg		82	70 - 130	6	20
Ethylbenzene	ND		0.579	0.503		mg/Kg		87	70 - 130	4	20
Toluene	ND		0.579	0.473		mg/Kg		82	70 - 130	6	20
Xylenes, Total	ND		1.74	1.50		mg/Kg		87	70 - 130	6	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		15 - 150

Lab Sample ID: MB 885-31006/1-A

Matrix: Solid

Analysis Batch: 31030

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31006

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		07/28/25 10:17	07/28/25 12:38	1
Ethylbenzene	ND		0.050	mg/Kg		07/28/25 10:17	07/28/25 12:38	1
Toluene	ND		0.050	mg/Kg		07/28/25 10:17	07/28/25 12:38	1
Xylenes, Total	ND		0.10	mg/Kg		07/28/25 10:17	07/28/25 12:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		15 - 150	07/28/25 10:17	07/28/25 12:38	1

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QC Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

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

Lab Sample ID: LCS 885-31006/3-A

Matrix: Solid

Analysis Batch: 31030

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31006

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.926		mg/Kg		93	70 - 130
Ethylbenzene	1.00	0.932		mg/Kg		93	70 - 130
Toluene	1.00	0.947		mg/Kg		95	70 - 130
Xylenes, Total	3.00	2.87		mg/Kg		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		15 - 150

Lab Sample ID: 885-29679-9 MS

Matrix: Solid

Analysis Batch: 31030

Client Sample ID: S-9

Prep Type: Total/NA

Prep Batch: 31006

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.989	0.845		mg/Kg		85	70 - 130
Ethylbenzene	ND		0.989	0.881		mg/Kg		89	70 - 130
Toluene	ND		0.989	0.869		mg/Kg		88	70 - 130
Xylenes, Total	ND		2.97	2.75		mg/Kg		93	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		15 - 150

Lab Sample ID: 885-29679-9 MSD

Matrix: Solid

Analysis Batch: 31030

Client Sample ID: S-9

Prep Type: Total/NA

Prep Batch: 31006

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.989	0.829		mg/Kg		84	70 - 130	2	20
Ethylbenzene	ND		0.989	0.856		mg/Kg		86	70 - 130	3	20
Toluene	ND		0.989	0.845		mg/Kg		85	70 - 130	3	20
Xylenes, Total	ND		2.97	2.66		mg/Kg		90	70 - 130	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		15 - 150

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

Lab Sample ID: MB 885-30999/1-A

Matrix: Solid

Analysis Batch: 30998

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 30999

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		07/28/25 09:47	07/28/25 11:12	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		07/28/25 09:47	07/28/25 11:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	77		62 - 134	07/28/25 09:47	07/28/25 11:12	1

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QC Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

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

Lab Sample ID: LCS 885-30999/2-A

Matrix: Solid

Analysis Batch: 30998

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 30999

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	37.5		mg/Kg		75	51 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	78		62 - 134				

Lab Sample ID: 885-29679-1 MS

Matrix: Solid

Analysis Batch: 30998

Client Sample ID: S-1

Prep Type: Total/NA

Prep Batch: 30999

Report Date: 06/09/2025									
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		48.1	40.4		mg/Kg		84	44 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	88		62 - 134						

Lab Sample ID: 885-29679-1 MSD

Matrix: Solid

Analysis Batch: 30998

Client Sample ID: S-1

Prep Type: Total/NA

Prep Batch: 30999

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		47.4	40.9		mg/Kg		86	44 - 136	1	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	86		62 - 134								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-31008/1-A

Matrix: Solid

Analysis Batch: 31013

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31008

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5	mg/Kg		07/28/25 10:50	07/28/25 11:54	1

Lab Sample ID: LCS 885-31008/2-A

Matrix: Solid

Analysis Batch: 31013

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31008

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	15.0	14.4		mg/Kg		96	90 - 110

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QC Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 885-29679-11 MS										Client Sample ID: S-11		
Matrix: Solid										Prep Type: Total/NA		
Analysis Batch: 31013										Prep Batch: 31008		
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits			
Chloride	77		29.9	107		mg/Kg		100	50 - 150			

Lab Sample ID: 885-29679-11 MSD										Client Sample ID: S-11		
Matrix: Solid										Prep Type: Total/NA		
Analysis Batch: 31013										Prep Batch: 31008		
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	77		30.1	101		mg/Kg		79	50 - 150	6	20	

QC Association Summary

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

GC VOA

Prep Batch: 30895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-30895/3-A	Lab Control Sample	Total/NA	Solid	5035	

Prep Batch: 31000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29679-1	S-1	Total/NA	Solid	5035	
885-29679-2	S-2	Total/NA	Solid	5035	
885-29679-3	S-3	Total/NA	Solid	5035	
885-29679-4	S-4	Total/NA	Solid	5035	
885-29679-5	S-5	Total/NA	Solid	5035	
885-29679-6	S-6	Total/NA	Solid	5035	
885-29679-7	S-7	Total/NA	Solid	5035	
MB 885-31000/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-31000/2-A	Lab Control Sample	Total/NA	Solid	5035	
885-29679-1 MS	S-1	Total/NA	Solid	5035	
885-29679-1 MSD	S-1	Total/NA	Solid	5035	
885-29679-2 MS	S-2	Total/NA	Solid	5035	
885-29679-2 MSD	S-2	Total/NA	Solid	5035	

Analysis Batch: 31003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29679-1	S-1	Total/NA	Solid	8015M/D	31000
885-29679-2	S-2	Total/NA	Solid	8015M/D	31000
885-29679-3	S-3	Total/NA	Solid	8015M/D	31000
885-29679-4	S-4	Total/NA	Solid	8015M/D	31000
885-29679-5	S-5	Total/NA	Solid	8015M/D	31000
885-29679-6	S-6	Total/NA	Solid	8015M/D	31000
885-29679-7	S-7	Total/NA	Solid	8015M/D	31000
MB 885-31000/1-A	Method Blank	Total/NA	Solid	8015M/D	31000
LCS 885-31000/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	31000
885-29679-1 MS	S-1	Total/NA	Solid	8015M/D	31000
885-29679-1 MSD	S-1	Total/NA	Solid	8015M/D	31000

Analysis Batch: 31004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29679-1	S-1	Total/NA	Solid	8021B	31000
885-29679-2	S-2	Total/NA	Solid	8021B	31000
885-29679-3	S-3	Total/NA	Solid	8021B	31000
885-29679-4	S-4	Total/NA	Solid	8021B	31000
885-29679-5	S-5	Total/NA	Solid	8021B	31000
885-29679-6	S-6	Total/NA	Solid	8021B	31000
885-29679-7	S-7	Total/NA	Solid	8021B	31000
MB 885-31000/1-A	Method Blank	Total/NA	Solid	8021B	31000
LCS 885-30895/3-A	Lab Control Sample	Total/NA	Solid	8021B	30895
885-29679-2 MS	S-2	Total/NA	Solid	8021B	31000
885-29679-2 MSD	S-2	Total/NA	Solid	8021B	31000

Prep Batch: 31006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29679-8	S-8	Total/NA	Solid	5035	
885-29679-9	S-9	Total/NA	Solid	5035	
885-29679-10	S-10	Total/NA	Solid	5035	

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QC Association Summary

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

GC VOA (Continued)

Prep Batch: 31006 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29679-11	S-11	Total/NA	Solid	5035	
MB 885-31006/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-31006/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-31006/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-29679-8 MS	S-8	Total/NA	Solid	5035	
885-29679-8 MSD	S-8	Total/NA	Solid	5035	
885-29679-9 MS	S-9	Total/NA	Solid	5035	
885-29679-9 MSD	S-9	Total/NA	Solid	5035	

Analysis Batch: 31029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29679-8	S-8	Total/NA	Solid	8015M/D	31006
885-29679-9	S-9	Total/NA	Solid	8015M/D	31006
885-29679-10	S-10	Total/NA	Solid	8015M/D	31006
885-29679-11	S-11	Total/NA	Solid	8015M/D	31006
MB 885-31006/1-A	Method Blank	Total/NA	Solid	8015M/D	31006
LCS 885-31006/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	31006
885-29679-8 MS	S-8	Total/NA	Solid	8015M/D	31006
885-29679-8 MSD	S-8	Total/NA	Solid	8015M/D	31006

Analysis Batch: 31030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29679-8	S-8	Total/NA	Solid	8021B	31006
885-29679-9	S-9	Total/NA	Solid	8021B	31006
885-29679-10	S-10	Total/NA	Solid	8021B	31006
885-29679-11	S-11	Total/NA	Solid	8021B	31006
MB 885-31006/1-A	Method Blank	Total/NA	Solid	8021B	31006
LCS 885-31006/3-A	Lab Control Sample	Total/NA	Solid	8021B	31006
885-29679-9 MS	S-9	Total/NA	Solid	8021B	31006
885-29679-9 MSD	S-9	Total/NA	Solid	8021B	31006

GC Semi VOA

Analysis Batch: 30995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29679-9	S-9	Total/NA	Solid	8015M/D	30999
885-29679-10	S-10	Total/NA	Solid	8015M/D	30999
885-29679-11	S-11	Total/NA	Solid	8015M/D	30999
885-29679-11	S-11	Total/NA	Solid	8015M/D	30999

Analysis Batch: 30996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29679-3	S-3	Total/NA	Solid	8015M/D	30999
885-29679-4	S-4	Total/NA	Solid	8015M/D	30999
885-29679-5	S-5	Total/NA	Solid	8015M/D	30999
885-29679-6	S-6	Total/NA	Solid	8015M/D	30999
885-29679-7	S-7	Total/NA	Solid	8015M/D	30999
885-29679-8	S-8	Total/NA	Solid	8015M/D	30999

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QC Association Summary

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

GC Semi VOA

Analysis Batch: 30998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29679-1	S-1	Total/NA	Solid	8015M/D	30999
885-29679-2	S-2	Total/NA	Solid	8015M/D	30999
MB 885-30999/1-A	Method Blank	Total/NA	Solid	8015M/D	30999
LCS 885-30999/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	30999
885-29679-1 MS	S-1	Total/NA	Solid	8015M/D	30999
885-29679-1 MSD	S-1	Total/NA	Solid	8015M/D	30999

Prep Batch: 30999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29679-1	S-1	Total/NA	Solid	SHAKE	
885-29679-2	S-2	Total/NA	Solid	SHAKE	
885-29679-3	S-3	Total/NA	Solid	SHAKE	
885-29679-4	S-4	Total/NA	Solid	SHAKE	
885-29679-5	S-5	Total/NA	Solid	SHAKE	
885-29679-6	S-6	Total/NA	Solid	SHAKE	
885-29679-7	S-7	Total/NA	Solid	SHAKE	
885-29679-8	S-8	Total/NA	Solid	SHAKE	
885-29679-9	S-9	Total/NA	Solid	SHAKE	
885-29679-10	S-10	Total/NA	Solid	SHAKE	
885-29679-11	S-11	Total/NA	Solid	SHAKE	
MB 885-30999/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-30999/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-29679-1 MS	S-1	Total/NA	Solid	SHAKE	
885-29679-1 MSD	S-1	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 31008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29679-1	S-1	Total/NA	Solid	300_Prep	
885-29679-2	S-2	Total/NA	Solid	300_Prep	
885-29679-3	S-3	Total/NA	Solid	300_Prep	
885-29679-4	S-4	Total/NA	Solid	300_Prep	
885-29679-5	S-5	Total/NA	Solid	300_Prep	
885-29679-6	S-6	Total/NA	Solid	300_Prep	
885-29679-7	S-7	Total/NA	Solid	300_Prep	
885-29679-8	S-8	Total/NA	Solid	300_Prep	
885-29679-9	S-9	Total/NA	Solid	300_Prep	
885-29679-10	S-10	Total/NA	Solid	300_Prep	
885-29679-11	S-11	Total/NA	Solid	300_Prep	
MB 885-31008/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-31008/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-29679-11 MS	S-11	Total/NA	Solid	300_Prep	
885-29679-11 MSD	S-11	Total/NA	Solid	300_Prep	

Analysis Batch: 31013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29679-1	S-1	Total/NA	Solid	300.0	31008
885-29679-2	S-2	Total/NA	Solid	300.0	31008
885-29679-3	S-3	Total/NA	Solid	300.0	31008
885-29679-4	S-4	Total/NA	Solid	300.0	31008

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QC Association Summary

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

HPLC/IC (Continued)

Analysis Batch: 31013 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29679-5	S-5	Total/NA	Solid	300.0	31008
885-29679-6	S-6	Total/NA	Solid	300.0	31008
885-29679-7	S-7	Total/NA	Solid	300.0	31008
885-29679-8	S-8	Total/NA	Solid	300.0	31008
885-29679-9	S-9	Total/NA	Solid	300.0	31008
885-29679-10	S-10	Total/NA	Solid	300.0	31008
885-29679-11	S-11	Total/NA	Solid	300.0	31008
MB 885-31008/1-A	Method Blank	Total/NA	Solid	300.0	31008
LCS 885-31008/2-A	Lab Control Sample	Total/NA	Solid	300.0	31008
885-29679-11 MS	S-11	Total/NA	Solid	300.0	31008
885-29679-11 MSD	S-11	Total/NA	Solid	300.0	31008

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Lab Chronicle

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

Client Sample ID: S-1
Date Collected: 07/25/25 09:00
Date Received: 07/26/25 07:30

Lab Sample ID: 885-29679-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			31000	KLS	EET ALB	07/28/25 09:49
Total/NA	Analysis	8015M/D		1	31003	AT	EET ALB	07/28/25 12:45
Total/NA	Prep	5035			31000	KLS	EET ALB	07/28/25 09:49
Total/NA	Analysis	8021B		1	31004	AT	EET ALB	07/28/25 12:45
Total/NA	Prep	SHAKE			30999	BZR	EET ALB	07/28/25 09:47
Total/NA	Analysis	8015M/D		1	30998	EM	EET ALB	07/28/25 11:36
Total/NA	Prep	300_Prep			31008	MA	EET ALB	07/28/25 10:50
Total/NA	Analysis	300.0		20	31013	KB	EET ALB	07/28/25 12:14

Client Sample ID: S-2
Date Collected: 07/25/25 09:05
Date Received: 07/26/25 07:30

Lab Sample ID: 885-29679-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			31000	KLS	EET ALB	07/28/25 09:49
Total/NA	Analysis	8015M/D		1	31003	AT	EET ALB	07/28/25 13:07
Total/NA	Prep	5035			31000	KLS	EET ALB	07/28/25 09:49
Total/NA	Analysis	8021B		1	31004	AT	EET ALB	07/28/25 13:07
Total/NA	Prep	SHAKE			30999	BZR	EET ALB	07/28/25 09:47
Total/NA	Analysis	8015M/D		1	30998	EM	EET ALB	07/28/25 12:13
Total/NA	Prep	300_Prep			31008	MA	EET ALB	07/28/25 10:50
Total/NA	Analysis	300.0		20	31013	KB	EET ALB	07/28/25 12:24

Client Sample ID: S-3
Date Collected: 07/25/25 09:10
Date Received: 07/26/25 07:30

Lab Sample ID: 885-29679-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			31000	KLS	EET ALB	07/28/25 09:49
Total/NA	Analysis	8015M/D		1	31003	AT	EET ALB	07/28/25 13:29
Total/NA	Prep	5035			31000	KLS	EET ALB	07/28/25 09:49
Total/NA	Analysis	8021B		1	31004	AT	EET ALB	07/28/25 13:29
Total/NA	Prep	SHAKE			30999	BZR	EET ALB	07/28/25 09:47
Total/NA	Analysis	8015M/D		1	30996	EM	EET ALB	07/28/25 11:44
Total/NA	Prep	300_Prep			31008	MA	EET ALB	07/28/25 10:50
Total/NA	Analysis	300.0		20	31013	KB	EET ALB	07/28/25 12:34

Client Sample ID: S-4
Date Collected: 07/25/25 09:15
Date Received: 07/26/25 07:30

Lab Sample ID: 885-29679-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			31000	KLS	EET ALB	07/28/25 09:49
Total/NA	Analysis	8015M/D		1	31003	AT	EET ALB	07/28/25 13:51

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Lab Chronicle

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

Client Sample ID: S-4
Date Collected: 07/25/25 09:15
Date Received: 07/26/25 07:30

Lab Sample ID: 885-29679-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			31000	KLS	EET ALB	07/28/25 09:49
Total/NA	Analysis	8021B		1	31004	AT	EET ALB	07/28/25 13:51
Total/NA	Prep	SHAKE			30999	BZR	EET ALB	07/28/25 09:47
Total/NA	Analysis	8015M/D		1	30996	EM	EET ALB	07/28/25 11:55
Total/NA	Prep	300_Prep			31008	MA	EET ALB	07/28/25 10:50
Total/NA	Analysis	300.0		20	31013	KB	EET ALB	07/28/25 12:44

Client Sample ID: S-5
Date Collected: 07/25/25 09:20
Date Received: 07/26/25 07:30

Lab Sample ID: 885-29679-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			31000	KLS	EET ALB	07/28/25 09:49
Total/NA	Analysis	8015M/D		1	31003	AT	EET ALB	07/28/25 14:12
Total/NA	Prep	5035			31000	KLS	EET ALB	07/28/25 09:49
Total/NA	Analysis	8021B		1	31004	AT	EET ALB	07/28/25 14:12
Total/NA	Prep	SHAKE			30999	BZR	EET ALB	07/28/25 09:47
Total/NA	Analysis	8015M/D		1	30996	EM	EET ALB	07/28/25 12:06
Total/NA	Prep	300_Prep			31008	MA	EET ALB	07/28/25 10:50
Total/NA	Analysis	300.0		20	31013	KB	EET ALB	07/28/25 12:54

Client Sample ID: S-6
Date Collected: 07/25/25 09:25
Date Received: 07/26/25 07:30

Lab Sample ID: 885-29679-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			31000	KLS	EET ALB	07/28/25 09:49
Total/NA	Analysis	8015M/D		1	31003	AT	EET ALB	07/28/25 14:34
Total/NA	Prep	5035			31000	KLS	EET ALB	07/28/25 09:49
Total/NA	Analysis	8021B		1	31004	AT	EET ALB	07/28/25 14:34
Total/NA	Prep	SHAKE			30999	BZR	EET ALB	07/28/25 09:47
Total/NA	Analysis	8015M/D		1	30996	EM	EET ALB	07/28/25 12:16
Total/NA	Prep	300_Prep			31008	MA	EET ALB	07/28/25 10:50
Total/NA	Analysis	300.0		20	31013	KB	EET ALB	07/28/25 13:03

Client Sample ID: S-7
Date Collected: 07/25/25 09:30
Date Received: 07/26/25 07:30

Lab Sample ID: 885-29679-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			31000	KLS	EET ALB	07/28/25 09:49
Total/NA	Analysis	8015M/D		1	31003	AT	EET ALB	07/28/25 14:56
Total/NA	Prep	5035			31000	KLS	EET ALB	07/28/25 09:49
Total/NA	Analysis	8021B		1	31004	AT	EET ALB	07/28/25 14:56

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Lab Chronicle

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

Client Sample ID: S-7

Lab Sample ID: 885-29679-7

Date Collected: 07/25/25 09:30

Matrix: Solid

Date Received: 07/26/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			30999	BZR	EET ALB	07/28/25 09:47
Total/NA	Analysis	8015M/D		1	30996	EM	EET ALB	07/28/25 12:27
Total/NA	Prep	300_Prep			31008	MA	EET ALB	07/28/25 10:50
Total/NA	Analysis	300.0		20	31013	KB	EET ALB	07/28/25 13:13

Client Sample ID: S-8

Lab Sample ID: 885-29679-8

Date Collected: 07/25/25 09:35

Matrix: Solid

Date Received: 07/26/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			31006	KLS	EET ALB	07/28/25 10:17
Total/NA	Analysis	8015M/D		1	31029	JP	EET ALB	07/28/25 13:02
Total/NA	Prep	5035			31006	KLS	EET ALB	07/28/25 10:17
Total/NA	Analysis	8021B		1	31030	JP	EET ALB	07/28/25 13:02
Total/NA	Prep	SHAKE			30999	BZR	EET ALB	07/28/25 09:47
Total/NA	Analysis	8015M/D		1	30996	EM	EET ALB	07/28/25 12:38
Total/NA	Prep	300_Prep			31008	MA	EET ALB	07/28/25 10:50
Total/NA	Analysis	300.0		20	31013	KB	EET ALB	07/28/25 13:23

Client Sample ID: S-9

Lab Sample ID: 885-29679-9

Date Collected: 07/25/25 09:40

Matrix: Solid

Date Received: 07/26/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			31006	KLS	EET ALB	07/28/25 10:17
Total/NA	Analysis	8015M/D		1	31029	JP	EET ALB	07/28/25 13:26
Total/NA	Prep	5035			31006	KLS	EET ALB	07/28/25 10:17
Total/NA	Analysis	8021B		1	31030	JP	EET ALB	07/28/25 13:26
Total/NA	Prep	SHAKE			30999	BZR	EET ALB	07/28/25 09:47
Total/NA	Analysis	8015M/D		1	30995	EM	EET ALB	07/28/25 11:56
Total/NA	Prep	300_Prep			31008	MA	EET ALB	07/28/25 10:50
Total/NA	Analysis	300.0		20	31013	KB	EET ALB	07/28/25 13:53

Client Sample ID: S-10

Lab Sample ID: 885-29679-10

Date Collected: 07/25/25 09:45

Matrix: Solid

Date Received: 07/26/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			31006	KLS	EET ALB	07/28/25 10:17
Total/NA	Analysis	8015M/D		1	31029	JP	EET ALB	07/28/25 13:49
Total/NA	Prep	5035			31006	KLS	EET ALB	07/28/25 10:17
Total/NA	Analysis	8021B		1	31030	JP	EET ALB	07/28/25 13:49
Total/NA	Prep	SHAKE			30999	BZR	EET ALB	07/28/25 09:47
Total/NA	Analysis	8015M/D		1	30995	EM	EET ALB	07/28/25 12:20

Eurofins Albuquerque

Lab Chronicle

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

Client Sample ID: S-10
Date Collected: 07/25/25 09:45
Date Received: 07/26/25 07:30

Lab Sample ID: 885-29679-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			31008	MA	EET ALB	07/28/25 10:50
Total/NA	Analysis	300.0		20	31013	KB	EET ALB	07/28/25 14:02

Client Sample ID: S-11
Date Collected: 07/25/25 09:50
Date Received: 07/26/25 07:30

Lab Sample ID: 885-29679-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			31006	KLS	EET ALB	07/28/25 10:17
Total/NA	Analysis	8015M/D		1	31029	JP	EET ALB	07/28/25 14:13
Total/NA	Prep	5035			31006	KLS	EET ALB	07/28/25 10:17
Total/NA	Analysis	8021B		1	31030	JP	EET ALB	07/28/25 14:13
Total/NA	Prep	SHAKE			30999	BZR	EET ALB	07/28/25 09:47
Total/NA	Analysis	8015M/D		1	30995	EM	EET ALB	07/28/25 12:43
Total/NA	Prep	SHAKE			30999	BZR	EET ALB	07/28/25 09:47
Total/NA	Analysis	8015M/D		1	30995	EM	EET ALB	07/28/25 14:43
Total/NA	Prep	300_Prep			31008	MA	EET ALB	07/28/25 10:50
Total/NA	Analysis	300.0		20	31013	KB	EET ALB	07/28/25 14:12

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

Accreditation/Certification Summary

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29679-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	09-23-25

- 1
- 2
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- 5
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- 9
- 10
- 11

Chain-of-Custody Record

Client: Pensalam

Mailing Address: 606 S Rio Grande

Suite A 87410

Phone #:

email or Fax#: c.deapant@pensalam.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other☐ EDD (Type)

Project Manager:

K Summers

Sampler:

C D Apant

On Ice:

☒ Yes ☐ No

of Coolers:

1

Cooler Temp (including CF): 2.3+0.2=2.5 (°C)

Container Type and #

Preservative Type

HEAL No.

Date

Time

Matrix

Sample Name

Date

Time

Matrix

Sample Name

Date

Time

Matrix

Sample Name

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Login Sample Receipt Checklist

Client: Ensolum

Job Number: 885-29679-1

Login Number: 29679

List Number: 1

Creator: Casarrubias, Tracy

List Source: Eurofins Albuquerque

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



Environment Testing

- 1
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ANALYTICAL REPORT

PREPARED FOR

Attn: Kyle Summers
Ensolum
606 S Rio Grande
Suite A
Aztec, New Mexico 87410

Generated 10/16/2025 3:19:56 PM Revision 1

JOB DESCRIPTION

Lateral C-38 #2

JOB NUMBER

885-29680-1

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
10/16/2025 3:19:56 PM
Revision 1

Client: Ensolum
Project/Site: Lateral C-38 #2

Laboratory Job ID: 885-29680-1



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Definitions/Glossary

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29680-1

Glossary

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

Case Narrative

Client: Ensolum
Project: Lateral C-38 #2

Job ID: 885-29680-1

Job ID: 885-29680-1

Eurofins Albuquerque

**Job Narrative
885-29680-1**

REVISION

The report being provided is a revision of the original report sent on 7/29/2025. The report (revision 1) is being revised due to Client updated the project name for this job. Updated COC and report reflected.

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

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

Receipt

The sample was received on 7/26/2025 7:30 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 2.5°C.

GC/MS VOA

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

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29680-1

Client Sample ID: WS-1

Lab Sample ID: 885-29680-1

Date Collected: 07/25/25 10:00

Matrix: Water

Date Received: 07/26/25 07:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			07/28/25 14:18	1
1,1,1-Trichloroethane	ND		1.0	ug/L			07/28/25 14:18	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			07/28/25 14:18	1
1,1,2-Trichloroethane	ND		1.0	ug/L			07/28/25 14:18	1
1,1-Dichloroethane	ND		1.0	ug/L			07/28/25 14:18	1
1,1-Dichloroethene	ND		1.0	ug/L			07/28/25 14:18	1
1,1-Dichloropropene	ND		1.0	ug/L			07/28/25 14:18	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L			07/28/25 14:18	1
1,2,3-Trichloropropane	ND		2.0	ug/L			07/28/25 14:18	1
1,2,4-Trichlorobenzene	ND		1.0	ug/L			07/28/25 14:18	1
1,2,4-Trimethylbenzene	ND		1.0	ug/L			07/28/25 14:18	1
1,2-Dibromo-3-Chloropropane	ND		2.0	ug/L			07/28/25 14:18	1
1,2-Dibromoethane (EDB)	ND		1.0	ug/L			07/28/25 14:18	1
1,2-Dichlorobenzene	ND		1.0	ug/L			07/28/25 14:18	1
1,2-Dichloroethane (EDC)	ND		1.0	ug/L			07/28/25 14:18	1
1,2-Dichloropropane	ND		1.0	ug/L			07/28/25 14:18	1
1,3,5-Trimethylbenzene	ND		1.0	ug/L			07/28/25 14:18	1
1,3-Dichlorobenzene	ND		1.0	ug/L			07/28/25 14:18	1
1,3-Dichloropropane	ND		1.0	ug/L			07/28/25 14:18	1
1,4-Dichlorobenzene	ND		1.0	ug/L			07/28/25 14:18	1
1-Methylnaphthalene	ND		4.0	ug/L			07/28/25 14:18	1
2,2-Dichloropropane	ND		2.0	ug/L			07/28/25 14:18	1
2-Butanone	ND		10	ug/L			07/28/25 14:18	1
2-Chlorotoluene	ND		1.0	ug/L			07/28/25 14:18	1
2-Hexanone	ND		10	ug/L			07/28/25 14:18	1
2-Methylnaphthalene	ND		4.0	ug/L			07/28/25 14:18	1
4-Chlorotoluene	ND		1.0	ug/L			07/28/25 14:18	1
4-Isopropyltoluene	ND		1.0	ug/L			07/28/25 14:18	1
4-Methyl-2-pentanone	ND		10	ug/L			07/28/25 14:18	1
Acetone	ND		10	ug/L			07/28/25 14:18	1
Benzene	ND		1.0	ug/L			07/28/25 14:18	1
Bromobenzene	ND		1.0	ug/L			07/28/25 14:18	1
Bromodichloromethane	ND		1.0	ug/L			07/28/25 14:18	1
Dibromochloromethane	ND		1.0	ug/L			07/28/25 14:18	1
Bromoform	ND		1.0	ug/L			07/28/25 14:18	1
Bromomethane	ND		3.0	ug/L			07/28/25 14:18	1
Carbon disulfide	ND		10	ug/L			07/28/25 14:18	1
Carbon tetrachloride	ND		1.0	ug/L			07/28/25 14:18	1
Chlorobenzene	ND		1.0	ug/L			07/28/25 14:18	1
Chloroethane	ND		2.0	ug/L			07/28/25 14:18	1
Chloroform	ND		1.0	ug/L			07/28/25 14:18	1
Chloromethane	ND		3.0	ug/L			07/28/25 14:18	1
cis-1,2-Dichloroethene	ND		1.0	ug/L			07/28/25 14:18	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			07/28/25 14:18	1
Dibromomethane	ND		1.0	ug/L			07/28/25 14:18	1
Dichlorodifluoromethane	ND		1.0	ug/L			07/28/25 14:18	1
Ethylbenzene	ND		1.0	ug/L			07/28/25 14:18	1
Hexachlorobutadiene	ND		1.0	ug/L			07/28/25 14:18	1
Isopropylbenzene	ND		1.0	ug/L			07/28/25 14:18	1

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29680-1

Client Sample ID: WS-1

Lab Sample ID: 885-29680-1

Date Collected: 07/25/25 10:00

Matrix: Water

Date Received: 07/26/25 07:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Methyl-tert-butyl Ether (MTBE)	ND		1.0	ug/L			07/28/25 14:18	1	
Methylene Chloride	ND		2.5	ug/L			07/28/25 14:18	1	
n-Butylbenzene	ND		3.0	ug/L			07/28/25 14:18	1	
N-Propylbenzene	ND		1.0	ug/L			07/28/25 14:18	1	
Naphthalene	ND		2.0	ug/L			07/28/25 14:18	1	
sec-Butylbenzene	ND		1.0	ug/L			07/28/25 14:18	1	
Styrene	ND		1.0	ug/L			07/28/25 14:18	1	
tert-Butylbenzene	ND		1.0	ug/L			07/28/25 14:18	1	
Tetrachloroethene (PCE)	ND		1.0	ug/L			07/28/25 14:18	1	
Toluene	ND		1.0	ug/L			07/28/25 14:18	1	
trans-1,2-Dichloroethene	ND		1.0	ug/L			07/28/25 14:18	1	
trans-1,3-Dichloropropene	ND		1.0	ug/L			07/28/25 14:18	1	
Trichloroethene (TCE)	ND		1.0	ug/L			07/28/25 14:18	1	
Trichlorofluoromethane	ND		1.0	ug/L			07/28/25 14:18	1	
Vinyl chloride	ND		1.0	ug/L			07/28/25 14:18	1	
Xylenes, Total	ND		1.5	ug/L			07/28/25 14:18	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)	91		70 - 130				07/28/25 14:18	1	
Toluene-d8 (Surr)	107		70 - 130				07/28/25 14:18	1	
4-Bromofluorobenzene (Surr)	96		70 - 130				07/28/25 14:18	1	
Dibromofluoromethane (Surr)	93		70 - 130				07/28/25 14:18	1	

QC Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29680-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-31018/4

Matrix: Water

Analysis Batch: 31018

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			07/28/25 14:46	1
1,1,1-Trichloroethane	ND		1.0	ug/L			07/28/25 14:46	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			07/28/25 14:46	1
1,1,2-Trichloroethane	ND		1.0	ug/L			07/28/25 14:46	1
1,1-Dichloroethane	ND		1.0	ug/L			07/28/25 14:46	1
1,1-Dichloroethene	ND		1.0	ug/L			07/28/25 14:46	1
1,1-Dichloropropene	ND		1.0	ug/L			07/28/25 14:46	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L			07/28/25 14:46	1
1,2,3-Trichloropropane	ND		2.0	ug/L			07/28/25 14:46	1
1,2,4-Trichlorobenzene	ND		1.0	ug/L			07/28/25 14:46	1
1,2,4-Trimethylbenzene	ND		1.0	ug/L			07/28/25 14:46	1
1,2-Dibromo-3-Chloropropane	ND		2.0	ug/L			07/28/25 14:46	1
1,2-Dibromoethane (EDB)	ND		1.0	ug/L			07/28/25 14:46	1
1,2-Dichlorobenzene	ND		1.0	ug/L			07/28/25 14:46	1
1,2-Dichloroethane (EDC)	ND		1.0	ug/L			07/28/25 14:46	1
1,2-Dichloropropane	ND		1.0	ug/L			07/28/25 14:46	1
1,3,5-Trimethylbenzene	ND		1.0	ug/L			07/28/25 14:46	1
1,3-Dichlorobenzene	ND		1.0	ug/L			07/28/25 14:46	1
1,3-Dichloropropane	ND		1.0	ug/L			07/28/25 14:46	1
1,4-Dichlorobenzene	ND		1.0	ug/L			07/28/25 14:46	1
1-Methylnaphthalene	ND		4.0	ug/L			07/28/25 14:46	1
2,2-Dichloropropane	ND		2.0	ug/L			07/28/25 14:46	1
2-Butanone	ND		10	ug/L			07/28/25 14:46	1
2-Chlorotoluene	ND		1.0	ug/L			07/28/25 14:46	1
2-Hexanone	ND		10	ug/L			07/28/25 14:46	1
2-Methylnaphthalene	ND		4.0	ug/L			07/28/25 14:46	1
4-Chlorotoluene	ND		1.0	ug/L			07/28/25 14:46	1
4-Isopropyltoluene	ND		1.0	ug/L			07/28/25 14:46	1
4-Methyl-2-pentanone	ND		10	ug/L			07/28/25 14:46	1
Acetone	ND		10	ug/L			07/28/25 14:46	1
Benzene	ND		1.0	ug/L			07/28/25 14:46	1
Bromobenzene	ND		1.0	ug/L			07/28/25 14:46	1
Bromodichloromethane	ND		1.0	ug/L			07/28/25 14:46	1
Dibromochloromethane	ND		1.0	ug/L			07/28/25 14:46	1
Bromoform	ND		1.0	ug/L			07/28/25 14:46	1
Bromomethane	ND		3.0	ug/L			07/28/25 14:46	1
Carbon disulfide	ND		10	ug/L			07/28/25 14:46	1
Carbon tetrachloride	ND		1.0	ug/L			07/28/25 14:46	1
Chlorobenzene	ND		1.0	ug/L			07/28/25 14:46	1
Chloroethane	ND		2.0	ug/L			07/28/25 14:46	1
Chloroform	ND		1.0	ug/L			07/28/25 14:46	1
Chloromethane	ND		3.0	ug/L			07/28/25 14:46	1
cis-1,2-Dichloroethene	ND		1.0	ug/L			07/28/25 14:46	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			07/28/25 14:46	1
Dibromomethane	ND		1.0	ug/L			07/28/25 14:46	1
Dichlorodifluoromethane	ND		1.0	ug/L			07/28/25 14:46	1
Ethylbenzene	ND		1.0	ug/L			07/28/25 14:46	1
Hexachlorobutadiene	ND		1.0	ug/L			07/28/25 14:46	1

Eurofins Albuquerque

QC Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29680-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-31018/4

Matrix: Water

Analysis Batch: 31018

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0	ug/L			07/28/25 14:46	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0	ug/L			07/28/25 14:46	1
Methylene Chloride	ND		2.5	ug/L			07/28/25 14:46	1
n-Butylbenzene	ND		3.0	ug/L			07/28/25 14:46	1
N-Propylbenzene	ND		1.0	ug/L			07/28/25 14:46	1
Naphthalene	ND		2.0	ug/L			07/28/25 14:46	1
sec-Butylbenzene	ND		1.0	ug/L			07/28/25 14:46	1
Styrene	ND		1.0	ug/L			07/28/25 14:46	1
tert-Butylbenzene	ND		1.0	ug/L			07/28/25 14:46	1
Tetrachloroethene (PCE)	ND		1.0	ug/L			07/28/25 14:46	1
Toluene	ND		1.0	ug/L			07/28/25 14:46	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			07/28/25 14:46	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			07/28/25 14:46	1
Trichloroethene (TCE)	ND		1.0	ug/L			07/28/25 14:46	1
Trichlorofluoromethane	ND		1.0	ug/L			07/28/25 14:46	1
Vinyl chloride	ND		1.0	ug/L			07/28/25 14:46	1
Xylenes, Total	ND		1.5	ug/L			07/28/25 14:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		70 - 130		07/28/25 14:46	1
Toluene-d8 (Surr)	107		70 - 130		07/28/25 14:46	1
4-Bromofluorobenzene (Surr)	94		70 - 130		07/28/25 14:46	1
Dibromofluoromethane (Surr)	94		70 - 130		07/28/25 14:46	1

Lab Sample ID: LCS 885-31018/3

Matrix: Water

Analysis Batch: 31018

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	20.0	17.0		ug/L		85	70 - 130
Benzene	20.0	15.6		ug/L		78	70 - 130
Chlorobenzene	20.0	20.5		ug/L		103	70 - 130
Toluene	20.0	20.8		ug/L		104	70 - 130
Trichloroethene (TCE)	20.0	17.3		ug/L		87	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 130
Toluene-d8 (Surr)	110		70 - 130
4-Bromofluorobenzene (Surr)	95		70 - 130
Dibromofluoromethane (Surr)	92		70 - 130

Eurofins Albuquerque

QC Association Summary

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29680-1

GC/MS VOA

Analysis Batch: 31018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29680-1	WS-1	Total/NA	Water	8260B	
MB 885-31018/4	Method Blank	Total/NA	Water	8260B	
LCS 885-31018/3	Lab Control Sample	Total/NA	Water	8260B	

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Lab Chronicle

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29680-1

Client Sample ID: WS-1
Date Collected: 07/25/25 10:00
Date Received: 07/26/25 07:30

Lab Sample ID: 885-29680-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	31018	CM	EET ALB	07/28/25 14:18

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

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Accreditation/Certification Summary

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29680-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	09-23-25

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Chain-of-Custody Record

Client:	Ensolum	
Mailing Address:	Cob S Rio Grande	
	Suit A 877410	
Phone #:		
Email or Fax#:	Cdeyont@ensolum.com	
QA/QC Package:		
☐ Standard	☐ Level 4 (Full Validation)	
Accreditation:	☐ Az Compliance	
☐ NELAC	☐ Other	
☐ EDD (Type)		

[illegible]

if necessary samples submitted to Hall Environmental may be subco

Turn-Around Time:	1 week
☐ Standard	☒ Rush 7-28-25
Project Name:	Laternal Bladder C-38 #2
Project #:	
Project Manager:	K. Summers
Sampler:	10 Apert;
On Ice:	☒ Yes ☐ No
# of Coolers:	1
Cooler Temp (including CFI):	2.3 ± 0.7 = 2.5 (°C)

[illegible]

5/20/14



HALL ENVIRONMENTAL ANALYSIS LABORATORY



www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

885-29680 COC

Analysis Request

[illegible]

Remarks:

S: Ten long

AB 21300

2005

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 885-29680-1

Login Number: 29680

List Number: 1

Creator: Casarrubias, Tracy

List Source: Eurofins Albuquerque

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kyle Summers
Ensolum
606 S Rio Grande
Suite A
Aztec, New Mexico 87410

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JOB DESCRIPTION

Lateral C-38 #2

JOB NUMBER

885-29736-1

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

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10/16/2025 3:21:07 PM
Revision 1

Client: Ensolum
Project/Site: Lateral C-38 #2

Laboratory Job ID: 885-29736-1

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Definitions/Glossary

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29736-1

Glossary

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

Case Narrative

Client: Ensolum
Project: Lateral C-38 #2

Job ID: 885-29736-1

Job ID: 885-29736-1

Eurofins Albuquerque

**Job Narrative
885-29736-1**

REVISION

The report being provided is a revision of the original report sent on 7/31/2025. The report (revision 1) is being revised due to Client updated the project name for this job. Updated COC and report reflected.

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

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

Receipt

The samples were received on 7/29/2025 6:45 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 2.6°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.

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29736-1

Client Sample ID: S-12

Lab Sample ID: 885-29736-1

Date Collected: 07/28/25 11:00

Matrix: Solid

Date Received: 07/29/25 06:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.5	mg/Kg		07/29/25 09:05	07/29/25 11:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		15 - 150	07/29/25 09:05	07/29/25 11:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		07/29/25 09:05	07/29/25 11:17	1
Ethylbenzene	ND		0.035	mg/Kg		07/29/25 09:05	07/29/25 11:17	1
Toluene	ND		0.035	mg/Kg		07/29/25 09:05	07/29/25 11:17	1
Xylenes, Total	ND		0.070	mg/Kg		07/29/25 09:05	07/29/25 11:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		15 - 150	07/29/25 09:05	07/29/25 11:17	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		07/29/25 09:19	07/29/25 11:48	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		07/29/25 09:19	07/29/25 11:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134	07/29/25 09:19	07/29/25 11:48	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/29/25 07:01	07/29/25 11:38	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29736-1

Client Sample ID: S-13

Lab Sample ID: 885-29736-2

Date Collected: 07/28/25 11:05

Matrix: Solid

Date Received: 07/29/25 06:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.0	mg/Kg		07/29/25 09:05	07/29/25 11:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150	07/29/25 09:05	07/29/25 11:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020	mg/Kg		07/29/25 09:05	07/29/25 11:39	1
Ethylbenzene	ND		0.040	mg/Kg		07/29/25 09:05	07/29/25 11:39	1
Toluene	ND		0.040	mg/Kg		07/29/25 09:05	07/29/25 11:39	1
Xylenes, Total	ND		0.081	mg/Kg		07/29/25 09:05	07/29/25 11:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150	07/29/25 09:05	07/29/25 11:39	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		07/29/25 09:19	07/29/25 10:58	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		07/29/25 09:19	07/29/25 10:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134	07/29/25 09:19	07/29/25 10:58	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78		60	mg/Kg		07/29/25 07:01	07/29/25 11:47	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29736-1

Client Sample ID: S-14

Lab Sample ID: 885-29736-3

Date Collected: 07/28/25 11:10

Matrix: Solid

Date Received: 07/29/25 06:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.2	mg/Kg		07/29/25 09:05	07/29/25 12:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150	07/29/25 09:05	07/29/25 12:01	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021	mg/Kg		07/29/25 09:05	07/29/25 12:01	1
Ethylbenzene	ND		0.042	mg/Kg		07/29/25 09:05	07/29/25 12:01	1
Toluene	ND		0.042	mg/Kg		07/29/25 09:05	07/29/25 12:01	1
Xylenes, Total	ND		0.084	mg/Kg		07/29/25 09:05	07/29/25 12:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		15 - 150	07/29/25 09:05	07/29/25 12:01	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		07/29/25 09:19	07/29/25 11:10	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		07/29/25 09:19	07/29/25 11:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134	07/29/25 09:19	07/29/25 11:10	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79		59	mg/Kg		07/29/25 07:01	07/29/25 11:57	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29736-1

Client Sample ID: S-15

Lab Sample ID: 885-29736-4

Date Collected: 07/28/25 11:15

Matrix: Solid

Date Received: 07/29/25 06:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.7	mg/Kg		07/29/25 09:05	07/29/25 12:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		15 - 150			07/29/25 09:05	07/29/25 12:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019	mg/Kg		07/29/25 09:05	07/29/25 12:23	1
Ethylbenzene	ND		0.037	mg/Kg		07/29/25 09:05	07/29/25 12:23	1
Toluene	ND		0.037	mg/Kg		07/29/25 09:05	07/29/25 12:23	1
Xylenes, Total	ND		0.075	mg/Kg		07/29/25 09:05	07/29/25 12:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			07/29/25 09:05	07/29/25 12:23	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		07/29/25 09:19	07/29/25 11:22	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		07/29/25 09:19	07/29/25 11:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			07/29/25 09:19	07/29/25 11:22	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	70		60	mg/Kg		07/29/25 07:01	07/29/25 12:07	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29736-1

Client Sample ID: S-16

Lab Sample ID: 885-29736-5

Date Collected: 07/28/25 11:20

Matrix: Solid

Date Received: 07/29/25 06:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		6.6	mg/Kg		07/29/25 09:05	07/29/25 12:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150	07/29/25 09:05	07/29/25 12:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.033	mg/Kg		07/29/25 09:05	07/29/25 12:44	1
Ethylbenzene	ND		0.066	mg/Kg		07/29/25 09:05	07/29/25 12:44	1
Toluene	ND		0.066	mg/Kg		07/29/25 09:05	07/29/25 12:44	1
Xylenes, Total	ND		0.13	mg/Kg		07/29/25 09:05	07/29/25 12:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150	07/29/25 09:05	07/29/25 12:44	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		07/29/25 09:19	07/29/25 11:34	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		07/29/25 09:19	07/29/25 11:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134	07/29/25 09:19	07/29/25 11:34	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75		60	mg/Kg		07/29/25 07:01	07/29/25 12:17	20

Eurofins Albuquerque

QC Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29736-1

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

Lab Sample ID: MB 885-31070/1-A

Matrix: Solid

Analysis Batch: 31071

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31070

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		07/29/25 09:05	07/29/25 10:56	1
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		07/29/25 09:05	07/29/25 10:56	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		15 - 150			07/29/25 09:05	07/29/25 10:56	1
4-Bromofluorobenzene (Surr)	109		15 - 150			07/29/25 09:05	07/29/25 10:56	1

Lab Sample ID: LCS 885-31070/2-A

Matrix: Solid

Analysis Batch: 31071

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31070

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	27.6		mg/Kg		111	70 - 130
Gasoline Range Organics [C6 - C10]	25.0	27.6		mg/Kg		111	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	210		15 - 150				
4-Bromofluorobenzene (Surr)	210		15 - 150				

Lab Sample ID: 885-29736-1 MS

Matrix: Solid

Analysis Batch: 31141

Client Sample ID: S-12

Prep Type: Total/NA

Prep Batch: 31070

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		17.5	18.8		mg/Kg		108	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	214		15 - 150						

Lab Sample ID: 885-29736-1 MSD

Matrix: Solid

Analysis Batch: 31141

Client Sample ID: S-12

Prep Type: Total/NA

Prep Batch: 31070

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		17.5	17.7		mg/Kg		101	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	204		15 - 150								

Eurofins Albuquerque

QC Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29736-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-31070/1-A

Matrix: Solid

Analysis Batch: 31072

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31070

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		07/29/25 09:05	07/29/25 10:56	1
Ethylbenzene	ND		0.050	mg/Kg		07/29/25 09:05	07/29/25 10:56	1
Toluene	ND		0.050	mg/Kg		07/29/25 09:05	07/29/25 10:56	1
Xylenes, Total	ND		0.10	mg/Kg		07/29/25 09:05	07/29/25 10:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150	07/29/25 09:05	07/29/25 10:56	1

Lab Sample ID: LCS 885-31070/3-A

Matrix: Solid

Analysis Batch: 31072

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31070

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.873		mg/Kg		87	70 - 130
Ethylbenzene	1.00	0.900		mg/Kg		90	70 - 130
Toluene	1.00	0.867		mg/Kg		87	70 - 130
Xylenes, Total	3.00	2.74		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		15 - 150

Lab Sample ID: 885-29736-2 MS

Matrix: Solid

Analysis Batch: 31142

Client Sample ID: S-13

Prep Type: Total/NA

Prep Batch: 31070

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.807	0.695		mg/Kg		86	70 - 130
Ethylbenzene	ND		0.807	0.721		mg/Kg		89	70 - 130
Toluene	ND		0.807	0.699		mg/Kg		87	70 - 130
Xylenes, Total	ND		2.42	2.19		mg/Kg		90	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		15 - 150

Lab Sample ID: 885-29736-2 MSD

Matrix: Solid

Analysis Batch: 31142

Client Sample ID: S-13

Prep Type: Total/NA

Prep Batch: 31070

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.807	0.659		mg/Kg		82	70 - 130	5	20
Ethylbenzene	ND		0.807	0.688		mg/Kg		85	70 - 130	5	20
Toluene	ND		0.807	0.654		mg/Kg		81	70 - 130	7	20
Xylenes, Total	ND		2.42	2.07		mg/Kg		86	70 - 130	5	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		15 - 150

Eurofins Albuquerque

QC Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29736-1

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

Lab Sample ID: MB 885-31075/1-A

Matrix: Solid

Analysis Batch: 31114

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31075

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		07/29/25 09:19	07/29/25 11:01	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		07/29/25 09:19	07/29/25 11:01	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			07/29/25 09:19	07/29/25 11:01	1

Lab Sample ID: LCS 885-31075/2-A

Matrix: Solid

Analysis Batch: 31114

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31075

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	55.3		mg/Kg		111	51 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	94		62 - 134				

Lab Sample ID: 885-29736-1 MS

Matrix: Solid

Analysis Batch: 31114

Client Sample ID: S-12

Prep Type: Total/NA

Prep Batch: 31075

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		47.2	51.4		mg/Kg		109	44 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	96		62 - 134						

Lab Sample ID: 885-29736-1 MSD

Matrix: Solid

Analysis Batch: 31114

Client Sample ID: S-12

Prep Type: Total/NA

Prep Batch: 31075

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Diesel Range Organics [C10-C28]	ND		48.6	55.4		mg/Kg		114	44 - 136	7	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	101		62 - 134								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-31059/1-A

Matrix: Solid

Analysis Batch: 31118

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31059

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5	mg/Kg		07/29/25 07:01	07/29/25 11:18	1

Eurofins Albuquerque

QC Sample Results

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29736-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-31059/2-A				Client Sample ID: Lab Control Sample			
Matrix: Solid				Prep Type: Total/NA			
Analysis Batch: 31118				Prep Batch: 31059			
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	15.0	14.7		mg/Kg		98	90 - 110

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QC Association Summary

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29736-1

GC VOA

Prep Batch: 31070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29736-1	S-12	Total/NA	Solid	5035	
885-29736-2	S-13	Total/NA	Solid	5035	
885-29736-3	S-14	Total/NA	Solid	5035	
885-29736-4	S-15	Total/NA	Solid	5035	
885-29736-5	S-16	Total/NA	Solid	5035	
MB 885-31070/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-31070/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-31070/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-29736-1 MS	S-12	Total/NA	Solid	5035	
885-29736-1 MSD	S-12	Total/NA	Solid	5035	
885-29736-2 MS	S-13	Total/NA	Solid	5035	
885-29736-2 MSD	S-13	Total/NA	Solid	5035	

Analysis Batch: 31071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29736-1	S-12	Total/NA	Solid	8015M/D	31070
885-29736-2	S-13	Total/NA	Solid	8015M/D	31070
885-29736-3	S-14	Total/NA	Solid	8015M/D	31070
885-29736-4	S-15	Total/NA	Solid	8015M/D	31070
885-29736-5	S-16	Total/NA	Solid	8015M/D	31070
MB 885-31070/1-A	Method Blank	Total/NA	Solid	8015M/D	31070
LCS 885-31070/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	31070

Analysis Batch: 31072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29736-1	S-12	Total/NA	Solid	8021B	31070
885-29736-2	S-13	Total/NA	Solid	8021B	31070
885-29736-3	S-14	Total/NA	Solid	8021B	31070
885-29736-4	S-15	Total/NA	Solid	8021B	31070
885-29736-5	S-16	Total/NA	Solid	8021B	31070
MB 885-31070/1-A	Method Blank	Total/NA	Solid	8021B	31070
LCS 885-31070/3-A	Lab Control Sample	Total/NA	Solid	8021B	31070

Analysis Batch: 31141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-31070/1-A	Method Blank	Total/NA	Solid	8015M/D	31070
LCS 885-31070/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	31070
885-29736-1 MS	S-12	Total/NA	Solid	8015M/D	31070
885-29736-1 MSD	S-12	Total/NA	Solid	8015M/D	31070

Analysis Batch: 31142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29736-2 MS	S-13	Total/NA	Solid	8021B	31070
885-29736-2 MSD	S-13	Total/NA	Solid	8021B	31070

GC Semi VOA

Prep Batch: 31075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29736-1	S-12	Total/NA	Solid	SHAKE	
885-29736-2	S-13	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

QC Association Summary

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29736-1

GC Semi VOA (Continued)

Prep Batch: 31075 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29736-3	S-14	Total/NA	Solid	SHAKE	
885-29736-4	S-15	Total/NA	Solid	SHAKE	
885-29736-5	S-16	Total/NA	Solid	SHAKE	
MB 885-31075/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-31075/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-29736-1 MS	S-12	Total/NA	Solid	SHAKE	
885-29736-1 MSD	S-12	Total/NA	Solid	SHAKE	

Analysis Batch: 31083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29736-2	S-13	Total/NA	Solid	8015M/D	31075
885-29736-3	S-14	Total/NA	Solid	8015M/D	31075
885-29736-4	S-15	Total/NA	Solid	8015M/D	31075
885-29736-5	S-16	Total/NA	Solid	8015M/D	31075

Analysis Batch: 31114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29736-1	S-12	Total/NA	Solid	8015M/D	31075
MB 885-31075/1-A	Method Blank	Total/NA	Solid	8015M/D	31075
LCS 885-31075/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	31075
885-29736-1 MS	S-12	Total/NA	Solid	8015M/D	31075
885-29736-1 MSD	S-12	Total/NA	Solid	8015M/D	31075

HPLC/IC

Prep Batch: 31059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29736-1	S-12	Total/NA	Solid	300_Prep	
885-29736-2	S-13	Total/NA	Solid	300_Prep	
885-29736-3	S-14	Total/NA	Solid	300_Prep	
885-29736-4	S-15	Total/NA	Solid	300_Prep	
885-29736-5	S-16	Total/NA	Solid	300_Prep	
MB 885-31059/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-31059/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 31118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29736-1	S-12	Total/NA	Solid	300.0	31059
885-29736-2	S-13	Total/NA	Solid	300.0	31059
885-29736-3	S-14	Total/NA	Solid	300.0	31059
885-29736-4	S-15	Total/NA	Solid	300.0	31059
885-29736-5	S-16	Total/NA	Solid	300.0	31059
MB 885-31059/1-A	Method Blank	Total/NA	Solid	300.0	31059
LCS 885-31059/2-A	Lab Control Sample	Total/NA	Solid	300.0	31059

Eurofins Albuquerque

Lab Chronicle

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29736-1

Client Sample ID: S-12

Lab Sample ID: 885-29736-1

Date Collected: 07/28/25 11:00

Matrix: Solid

Date Received: 07/29/25 06:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			31070	AT	EET ALB	07/29/25 09:05
Total/NA	Analysis	8015M/D		1	31071	AT	EET ALB	07/29/25 11:17
Total/NA	Prep	5035			31070	AT	EET ALB	07/29/25 09:05
Total/NA	Analysis	8021B		1	31072	AT	EET ALB	07/29/25 11:17
Total/NA	Prep	SHAKE			31075	BZR	EET ALB	07/29/25 09:19
Total/NA	Analysis	8015M/D		1	31114	BZR	EET ALB	07/29/25 11:48
Total/NA	Prep	300_Prep			31059	MA	EET ALB	07/29/25 07:01
Total/NA	Analysis	300.0		20	31118	MA	EET ALB	07/29/25 11:38

Client Sample ID: S-13

Lab Sample ID: 885-29736-2

Date Collected: 07/28/25 11:05

Matrix: Solid

Date Received: 07/29/25 06:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			31070	AT	EET ALB	07/29/25 09:05
Total/NA	Analysis	8015M/D		1	31071	AT	EET ALB	07/29/25 11:39
Total/NA	Prep	5035			31070	AT	EET ALB	07/29/25 09:05
Total/NA	Analysis	8021B		1	31072	AT	EET ALB	07/29/25 11:39
Total/NA	Prep	SHAKE			31075	BZR	EET ALB	07/29/25 09:19
Total/NA	Analysis	8015M/D		1	31083	EM	EET ALB	07/29/25 10:58
Total/NA	Prep	300_Prep			31059	MA	EET ALB	07/29/25 07:01
Total/NA	Analysis	300.0		20	31118	MA	EET ALB	07/29/25 11:47

Client Sample ID: S-14

Lab Sample ID: 885-29736-3

Date Collected: 07/28/25 11:10

Matrix: Solid

Date Received: 07/29/25 06:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			31070	AT	EET ALB	07/29/25 09:05
Total/NA	Analysis	8015M/D		1	31071	AT	EET ALB	07/29/25 12:01
Total/NA	Prep	5035			31070	AT	EET ALB	07/29/25 09:05
Total/NA	Analysis	8021B		1	31072	AT	EET ALB	07/29/25 12:01
Total/NA	Prep	SHAKE			31075	BZR	EET ALB	07/29/25 09:19
Total/NA	Analysis	8015M/D		1	31083	EM	EET ALB	07/29/25 11:10
Total/NA	Prep	300_Prep			31059	MA	EET ALB	07/29/25 07:01
Total/NA	Analysis	300.0		20	31118	MA	EET ALB	07/29/25 11:57

Client Sample ID: S-15

Lab Sample ID: 885-29736-4

Date Collected: 07/28/25 11:15

Matrix: Solid

Date Received: 07/29/25 06:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			31070	AT	EET ALB	07/29/25 09:05
Total/NA	Analysis	8015M/D		1	31071	AT	EET ALB	07/29/25 12:23

Eurofins Albuquerque

Lab Chronicle

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29736-1

Client Sample ID: S-15
Date Collected: 07/28/25 11:15
Date Received: 07/29/25 06:45

Lab Sample ID: 885-29736-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			31070	AT	EET ALB	07/29/25 09:05
Total/NA	Analysis	8021B		1	31072	AT	EET ALB	07/29/25 12:23
Total/NA	Prep	SHAKE			31075	BZR	EET ALB	07/29/25 09:19
Total/NA	Analysis	8015M/D		1	31083	EM	EET ALB	07/29/25 11:22
Total/NA	Prep	300_Prep			31059	MA	EET ALB	07/29/25 07:01
Total/NA	Analysis	300.0		20	31118	MA	EET ALB	07/29/25 12:07

Client Sample ID: S-16
Date Collected: 07/28/25 11:20
Date Received: 07/29/25 06:45

Lab Sample ID: 885-29736-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			31070	AT	EET ALB	07/29/25 09:05
Total/NA	Analysis	8015M/D		1	31071	AT	EET ALB	07/29/25 12:44
Total/NA	Prep	5035			31070	AT	EET ALB	07/29/25 09:05
Total/NA	Analysis	8021B		1	31072	AT	EET ALB	07/29/25 12:44
Total/NA	Prep	SHAKE			31075	BZR	EET ALB	07/29/25 09:19
Total/NA	Analysis	8015M/D		1	31083	EM	EET ALB	07/29/25 11:34
Total/NA	Prep	300_Prep			31059	MA	EET ALB	07/29/25 07:01
Total/NA	Analysis	300.0		20	31118	MA	EET ALB	07/29/25 12:17

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

Accreditation/Certification Summary

Client: Ensolum
Project/Site: Lateral C-38 #2

Job ID: 885-29736-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	09-23-25

- 1
- 2
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- 10
- 11

Chain-of-Custody Record

Chain-of-Custody Record		Turn-Around Time: 1600hrs	
Client: Ensolum		☐ Standard	☒ Rush 7-29-25
Mailing Address: 606 S Rio Grande		Project Name: Lateral K5 Bentco C-38 #2	
Suit A 87410		Project #:	
Phone #:		Project Manager: K Summers	
email or Fax#: cda@pent.ensolum.com		Sampler: 710 Agent,	
QA/QC Package.		On Ice: ☒ Yes ☐ No Abby	
☐ Standard	☐ Level 4 (Full Validation)	# of Coolers: 1	
Accreditation: ☐ Az Compliance			
☐ NELAC	☐ Other		
☐ EDD (Type)			

[illegible]

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

885-29736 COC

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

[illegible]

Remarks: Tom Long
RB21200

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 885-29736-1

Login Number: 29736

List Number: 1

Creator: Casarrubias, Tracy

List Source: Eurofins Albuquerque

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



APPENDIX G

Laboratory Data Sheets & Chain of Custody for Backfill Sample Shared with Nearby Lateral C-38 #1 Release



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kyle Summers
Ensolum
606 S Rio Grande
Suite A
Aztec, New Mexico 87410

Generated 10/15/2025 2:04:56 PM Revision 1

JOB DESCRIPTION

Lateral C-38

JOB NUMBER

885-29376-1

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
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(505)345-3975

Generated
10/15/2025 2:04:56 PM
Revision 1

Client: Ensolum
Project/Site: Lateral C-38

Laboratory Job ID: 885-29376-1

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Definitions/Glossary

Client: Ensolum
Project/Site: Lateral C-38

Job ID: 885-29376-1

Glossary

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

Case Narrative

Client: Ensolum
Project: Lateral C-38

Job ID: 885-29376-1

Job ID: 885-29376-1

Eurofins Albuquerque

**Job Narrative
885-29376-1**

REVISION

The report being provided is a revision of the original report sent on 7/25/2025. The report (revision 1) is being revised due to Client updated the project name for this job. Updated COC and report reflected.

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

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

Receipt

The samples were received on 7/23/2025 7:10 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 4.7°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.

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Lateral C-38

Job ID: 885-29376-1

Client Sample ID: S-10a

Lab Sample ID: 885-29376-1

Date Collected: 07/22/25 10:00

Matrix: Solid

Date Received: 07/23/25 07:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.0	mg/Kg		07/23/25 09:25	07/23/25 12:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		15 - 150			07/23/25 09:25	07/23/25 12:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020	mg/Kg		07/23/25 09:25	07/23/25 12:42	1
Ethylbenzene	ND		0.040	mg/Kg		07/23/25 09:25	07/23/25 12:42	1
Toluene	ND		0.040	mg/Kg		07/23/25 09:25	07/23/25 12:42	1
Xylenes, Total	ND		0.080	mg/Kg		07/23/25 09:25	07/23/25 12:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			07/23/25 09:25	07/23/25 12:42	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		07/23/25 10:05	07/23/25 15:05	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		07/23/25 10:05	07/23/25 15:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			07/23/25 10:05	07/23/25 15:05	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97		60	mg/Kg		07/23/25 10:02	07/23/25 11:39	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Lateral C-38

Job ID: 885-29376-1

Client Sample ID: S-11a

Lab Sample ID: 885-29376-2

Date Collected: 07/22/25 10:05

Matrix: Solid

Date Received: 07/23/25 07:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.6	mg/Kg		07/23/25 09:25	07/23/25 13:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		15 - 150			07/23/25 09:25	07/23/25 13:04	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		07/23/25 09:25	07/23/25 13:04	1
Ethylbenzene	ND		0.036	mg/Kg		07/23/25 09:25	07/23/25 13:04	1
Toluene	ND		0.036	mg/Kg		07/23/25 09:25	07/23/25 13:04	1
Xylenes, Total	ND		0.071	mg/Kg		07/23/25 09:25	07/23/25 13:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			07/23/25 09:25	07/23/25 13:04	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		07/23/25 10:05	07/23/25 15:17	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		07/23/25 10:05	07/23/25 15:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	82		62 - 134			07/23/25 10:05	07/23/25 15:17	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85		59	mg/Kg		07/23/25 10:02	07/23/25 11:49	20

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Client Sample Results

Client: Ensolum
Project/Site: Lateral C-38

Job ID: 885-29376-1

Client Sample ID: S-12

Lab Sample ID: 885-29376-3

Date Collected: 07/22/25 10:10

Matrix: Solid

Date Received: 07/23/25 07:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.2	mg/Kg		07/23/25 09:25	07/23/25 13:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		15 - 150			07/23/25 09:25	07/23/25 13:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016	mg/Kg		07/23/25 09:25	07/23/25 13:26	1
Ethylbenzene	ND		0.032	mg/Kg		07/23/25 09:25	07/23/25 13:26	1
Toluene	ND		0.032	mg/Kg		07/23/25 09:25	07/23/25 13:26	1
Xylenes, Total	ND		0.064	mg/Kg		07/23/25 09:25	07/23/25 13:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			07/23/25 09:25	07/23/25 13:26	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		07/23/25 10:05	07/23/25 15:29	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		07/23/25 10:05	07/23/25 15:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134			07/23/25 10:05	07/23/25 15:29	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/23/25 10:02	07/23/25 11:59	20

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Client Sample Results

Client: Ensolum
Project/Site: Lateral C-38

Job ID: 885-29376-1

Client Sample ID: S-13

Lab Sample ID: 885-29376-4

Date Collected: 07/22/25 10:15

Matrix: Solid

Date Received: 07/23/25 07:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.6	mg/Kg		07/23/25 09:25	07/23/25 13:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		15 - 150			07/23/25 09:25	07/23/25 13:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		07/23/25 09:25	07/23/25 13:48	1
Ethylbenzene	ND		0.036	mg/Kg		07/23/25 09:25	07/23/25 13:48	1
Toluene	ND		0.036	mg/Kg		07/23/25 09:25	07/23/25 13:48	1
Xylenes, Total	ND		0.072	mg/Kg		07/23/25 09:25	07/23/25 13:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			07/23/25 09:25	07/23/25 13:48	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		07/23/25 10:05	07/23/25 12:38	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		07/23/25 10:05	07/23/25 12:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134			07/23/25 10:05	07/23/25 12:38	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/23/25 10:02	07/23/25 12:10	20

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Client Sample Results

Client: Ensolum
Project/Site: Lateral C-38

Job ID: 885-29376-1

Client Sample ID: S-14

Lab Sample ID: 885-29376-5

Date Collected: 07/22/25 10:20

Matrix: Solid

Date Received: 07/23/25 07:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.0	mg/Kg		07/23/25 09:25	07/23/25 14:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		15 - 150			07/23/25 09:25	07/23/25 14:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.015	mg/Kg		07/23/25 09:25	07/23/25 14:10	1
Ethylbenzene	ND		0.030	mg/Kg		07/23/25 09:25	07/23/25 14:10	1
Toluene	ND		0.030	mg/Kg		07/23/25 09:25	07/23/25 14:10	1
Xylenes, Total	ND		0.060	mg/Kg		07/23/25 09:25	07/23/25 14:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			07/23/25 09:25	07/23/25 14:10	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		07/23/25 10:05	07/23/25 13:01	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		07/23/25 10:05	07/23/25 13:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134			07/23/25 10:05	07/23/25 13:01	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/23/25 10:02	07/23/25 12:20	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Lateral C-38

Job ID: 885-29376-1

Client Sample ID: S-15

Lab Sample ID: 885-29376-6

Date Collected: 07/22/25 10:25

Matrix: Solid

Date Received: 07/23/25 07:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.5	mg/Kg		07/23/25 09:25	07/23/25 14:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		15 - 150	07/23/25 09:25	07/23/25 14:31	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.017	mg/Kg		07/23/25 09:25	07/23/25 14:31	1
Ethylbenzene	ND		0.035	mg/Kg		07/23/25 09:25	07/23/25 14:31	1
Toluene	ND		0.035	mg/Kg		07/23/25 09:25	07/23/25 14:31	1
Xylenes, Total	ND		0.069	mg/Kg		07/23/25 09:25	07/23/25 14:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150	07/23/25 09:25	07/23/25 14:31	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		07/23/25 10:05	07/23/25 13:25	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		07/23/25 10:05	07/23/25 13:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	77		62 - 134	07/23/25 10:05	07/23/25 13:25	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/23/25 10:02	07/23/25 12:30	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Lateral C-38

Job ID: 885-29376-1

Client Sample ID: S-16

Lab Sample ID: 885-29376-7

Date Collected: 07/22/25 10:30

Matrix: Solid

Date Received: 07/23/25 07:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.6	mg/Kg		07/23/25 09:25	07/23/25 14:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		15 - 150			07/23/25 09:25	07/23/25 14:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		07/23/25 09:25	07/23/25 14:53	1
Ethylbenzene	ND		0.036	mg/Kg		07/23/25 09:25	07/23/25 14:53	1
Toluene	ND		0.036	mg/Kg		07/23/25 09:25	07/23/25 14:53	1
Xylenes, Total	ND		0.073	mg/Kg		07/23/25 09:25	07/23/25 14:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			07/23/25 09:25	07/23/25 14:53	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		07/23/25 10:05	07/23/25 13:48	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		07/23/25 10:05	07/23/25 13:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	84		62 - 134			07/23/25 10:05	07/23/25 13:48	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/23/25 10:02	07/23/25 13:01	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Lateral C-38

Job ID: 885-29376-1

Client Sample ID: BF-1

Lab Sample ID: 885-29376-8

Date Collected: 07/22/25 10:35

Matrix: Solid

Date Received: 07/23/25 07:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.2	mg/Kg		07/23/25 09:25	07/23/25 15:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		15 - 150			07/23/25 09:25	07/23/25 15:15	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016	mg/Kg		07/23/25 09:25	07/23/25 15:15	1
Ethylbenzene	ND		0.032	mg/Kg		07/23/25 09:25	07/23/25 15:15	1
Toluene	ND		0.032	mg/Kg		07/23/25 09:25	07/23/25 15:15	1
Xylenes, Total	ND		0.064	mg/Kg		07/23/25 09:25	07/23/25 15:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			07/23/25 09:25	07/23/25 15:15	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		07/23/25 10:05	07/23/25 14:12	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		07/23/25 10:05	07/23/25 14:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134			07/23/25 10:05	07/23/25 14:12	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		61	mg/Kg		07/23/25 10:02	07/23/25 13:12	20

Eurofins Albuquerque

QC Sample Results

Client: Ensolum
Project/Site: Lateral C-38

Job ID: 885-29376-1

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

Lab Sample ID: MB 885-30683/1-A

Matrix: Solid

Analysis Batch: 30695

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 30683

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		07/23/25 09:25	07/23/25 12:20	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		15 - 150			07/23/25 09:25	07/23/25 12:20	1

Lab Sample ID: LCS 885-30683/2-A

Matrix: Solid

Analysis Batch: 30695

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 30683

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	29.6		mg/Kg		118	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	230		15 - 150				

Lab Sample ID: 885-29376-1 MS

Matrix: Solid

Analysis Batch: 30790

Client Sample ID: S-10a

Prep Type: Total/NA

Prep Batch: 30683

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		20.0	22.3		mg/Kg		111	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	222		15 - 150						

Lab Sample ID: 885-29376-1 MSD

Matrix: Solid

Analysis Batch: 30790

Client Sample ID: S-10a

Prep Type: Total/NA

Prep Batch: 30683

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		20.0	21.6		mg/Kg		108	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	213		15 - 150								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-30683/1-A

Matrix: Solid

Analysis Batch: 30696

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 30683

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		07/23/25 09:25	07/23/25 12:20	1
Ethylbenzene	ND		0.050	mg/Kg		07/23/25 09:25	07/23/25 12:20	1
Toluene	ND		0.050	mg/Kg		07/23/25 09:25	07/23/25 12:20	1

Eurofins Albuquerque

QC Sample Results

Client: Ensolum
Project/Site: Lateral C-38

Job ID: 885-29376-1

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

Lab Sample ID: MB 885-30683/1-A

Matrix: Solid

Analysis Batch: 30696

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 30683

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10	mg/Kg		07/23/25 09:25	07/23/25 12:20	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		15 - 150			07/23/25 09:25	07/23/25 12:20	1

Lab Sample ID: LCS 885-30683/3-A

Matrix: Solid

Analysis Batch: 30696

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 30683

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.885		mg/Kg		89	70 - 130
Ethylbenzene	1.00	0.923		mg/Kg		92	70 - 130
Toluene	1.00	0.888		mg/Kg		89	70 - 130
Xylenes, Total	3.00	2.81		mg/Kg		94	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	104		15 - 150				

Lab Sample ID: 885-29376-2 MS

Matrix: Solid

Analysis Batch: 30791

Client Sample ID: S-11a

Prep Type: Total/NA

Prep Batch: 30683

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.711	0.640		mg/Kg		90	70 - 130
Ethylbenzene	ND		0.711	0.652		mg/Kg		92	70 - 130
Toluene	ND		0.711	0.630		mg/Kg		89	70 - 130
Xylenes, Total	ND		2.13	1.96		mg/Kg		92	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	98		15 - 150						

Lab Sample ID: 885-29376-2 MSD

Matrix: Solid

Analysis Batch: 30791

Client Sample ID: S-11a

Prep Type: Total/NA

Prep Batch: 30683

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.711	0.607		mg/Kg		85	70 - 130	5	20
Ethylbenzene	ND		0.711	0.624		mg/Kg		88	70 - 130	4	20
Toluene	ND		0.711	0.600		mg/Kg		84	70 - 130	5	20
Xylenes, Total	ND		2.13	1.88		mg/Kg		88	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	98		15 - 150								

Eurofins Albuquerque

QC Sample Results

Client: Ensolum
Project/Site: Lateral C-38

Job ID: 885-29376-1

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

Lab Sample ID: MB 885-30694/1-A

Matrix: Solid

Analysis Batch: 30685

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 30694

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		07/23/25 10:05	07/23/25 14:40	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		07/23/25 10:05	07/23/25 14:40	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	86		62 - 134			07/23/25 10:05	07/23/25 14:40	1

Lab Sample ID: LCS 885-30694/2-A

Matrix: Solid

Analysis Batch: 30685

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 30694

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	41.5		mg/Kg		83	51 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	83		62 - 134				

Lab Sample ID: 885-29376-1 MS

Matrix: Solid

Analysis Batch: 30685

Client Sample ID: S-10a

Prep Type: Total/NA

Prep Batch: 30694

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		49.7	41.0		mg/Kg		83	44 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	88		62 - 134						

Lab Sample ID: 885-29376-1 MSD

Matrix: Solid

Analysis Batch: 30685

Client Sample ID: S-10a

Prep Type: Total/NA

Prep Batch: 30694

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		49.6	45.3		mg/Kg		91	44 - 136	10	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	93		62 - 134								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-30693/1-A

Matrix: Solid

Analysis Batch: 30697

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 30693

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5	mg/Kg		07/23/25 10:02	07/23/25 11:12	1

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QC Sample Results

Client: Ensolum
Project/Site: Lateral C-38

Job ID: 885-29376-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-30693/2-A

Matrix: Solid

Analysis Batch: 30697

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 30693

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	15.0	14.8		mg/Kg		99	90 - 110

Lab Sample ID: 885-29376-7 MS

Matrix: Solid

Analysis Batch: 30697

Client Sample ID: S-16

Prep Type: Total/NA

Prep Batch: 30693

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	ND		29.7	ND		mg/Kg		NC	50 - 150

Lab Sample ID: 885-29376-7 MSD

Matrix: Solid

Analysis Batch: 30697

Client Sample ID: S-16

Prep Type: Total/NA

Prep Batch: 30693

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		30.2	ND		mg/Kg		NC	50 - 150	NC	20

Lab Sample ID: 885-29376-8 MS

Matrix: Solid

Analysis Batch: 30697

Client Sample ID: BF-1

Prep Type: Total/NA

Prep Batch: 30693

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	ND		30.3	91.1		mg/Kg		NC	50 - 150

Lab Sample ID: 885-29376-8 MSD

Matrix: Solid

Analysis Batch: 30697

Client Sample ID: BF-1

Prep Type: Total/NA

Prep Batch: 30693

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		30.0	92.0		mg/Kg		NC	50 - 150	1	20

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QC Association Summary

Client: Ensolum
Project/Site: Lateral C-38

Job ID: 885-29376-1

GC VOA

Prep Batch: 30683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29376-1	S-10a	Total/NA	Solid	5035	
885-29376-2	S-11a	Total/NA	Solid	5035	
885-29376-3	S-12	Total/NA	Solid	5035	
885-29376-4	S-13	Total/NA	Solid	5035	
885-29376-5	S-14	Total/NA	Solid	5035	
885-29376-6	S-15	Total/NA	Solid	5035	
885-29376-7	S-16	Total/NA	Solid	5035	
885-29376-8	BF-1	Total/NA	Solid	5035	
MB 885-30683/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-30683/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-30683/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-29376-1 MS	S-10a	Total/NA	Solid	5035	
885-29376-1 MSD	S-10a	Total/NA	Solid	5035	
885-29376-2 MS	S-11a	Total/NA	Solid	5035	
885-29376-2 MSD	S-11a	Total/NA	Solid	5035	

Analysis Batch: 30695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29376-1	S-10a	Total/NA	Solid	8015M/D	30683
885-29376-2	S-11a	Total/NA	Solid	8015M/D	30683
885-29376-3	S-12	Total/NA	Solid	8015M/D	30683
885-29376-4	S-13	Total/NA	Solid	8015M/D	30683
885-29376-5	S-14	Total/NA	Solid	8015M/D	30683
885-29376-6	S-15	Total/NA	Solid	8015M/D	30683
885-29376-7	S-16	Total/NA	Solid	8015M/D	30683
885-29376-8	BF-1	Total/NA	Solid	8015M/D	30683
MB 885-30683/1-A	Method Blank	Total/NA	Solid	8015M/D	30683
LCS 885-30683/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	30683

Analysis Batch: 30696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29376-1	S-10a	Total/NA	Solid	8021B	30683
885-29376-2	S-11a	Total/NA	Solid	8021B	30683
885-29376-3	S-12	Total/NA	Solid	8021B	30683
885-29376-4	S-13	Total/NA	Solid	8021B	30683
885-29376-5	S-14	Total/NA	Solid	8021B	30683
885-29376-6	S-15	Total/NA	Solid	8021B	30683
885-29376-7	S-16	Total/NA	Solid	8021B	30683
885-29376-8	BF-1	Total/NA	Solid	8021B	30683
MB 885-30683/1-A	Method Blank	Total/NA	Solid	8021B	30683
LCS 885-30683/3-A	Lab Control Sample	Total/NA	Solid	8021B	30683

Analysis Batch: 30790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29376-1 MS	S-10a	Total/NA	Solid	8015M/D	30683
885-29376-1 MSD	S-10a	Total/NA	Solid	8015M/D	30683

Analysis Batch: 30791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29376-2 MS	S-11a	Total/NA	Solid	8021B	30683
885-29376-2 MSD	S-11a	Total/NA	Solid	8021B	30683

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QC Association Summary

Client: Ensolum
Project/Site: Lateral C-38

Job ID: 885-29376-1

GC Semi VOA

Analysis Batch: 30685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29376-1	S-10a	Total/NA	Solid	8015M/D	30694
885-29376-2	S-11a	Total/NA	Solid	8015M/D	30694
885-29376-3	S-12	Total/NA	Solid	8015M/D	30694
MB 885-30694/1-A	Method Blank	Total/NA	Solid	8015M/D	30694
LCS 885-30694/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	30694
885-29376-1 MS	S-10a	Total/NA	Solid	8015M/D	30694
885-29376-1 MSD	S-10a	Total/NA	Solid	8015M/D	30694

Analysis Batch: 30687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29376-4	S-13	Total/NA	Solid	8015M/D	30694
885-29376-5	S-14	Total/NA	Solid	8015M/D	30694
885-29376-6	S-15	Total/NA	Solid	8015M/D	30694
885-29376-7	S-16	Total/NA	Solid	8015M/D	30694
885-29376-8	BF-1	Total/NA	Solid	8015M/D	30694

Prep Batch: 30694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29376-1	S-10a	Total/NA	Solid	SHAKE	
885-29376-2	S-11a	Total/NA	Solid	SHAKE	
885-29376-3	S-12	Total/NA	Solid	SHAKE	
885-29376-4	S-13	Total/NA	Solid	SHAKE	
885-29376-5	S-14	Total/NA	Solid	SHAKE	
885-29376-6	S-15	Total/NA	Solid	SHAKE	
885-29376-7	S-16	Total/NA	Solid	SHAKE	
885-29376-8	BF-1	Total/NA	Solid	SHAKE	
MB 885-30694/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-30694/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-29376-1 MS	S-10a	Total/NA	Solid	SHAKE	
885-29376-1 MSD	S-10a	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 30693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29376-1	S-10a	Total/NA	Solid	300_Prep	
885-29376-2	S-11a	Total/NA	Solid	300_Prep	
885-29376-3	S-12	Total/NA	Solid	300_Prep	
885-29376-4	S-13	Total/NA	Solid	300_Prep	
885-29376-5	S-14	Total/NA	Solid	300_Prep	
885-29376-6	S-15	Total/NA	Solid	300_Prep	
885-29376-7	S-16	Total/NA	Solid	300_Prep	
885-29376-8	BF-1	Total/NA	Solid	300_Prep	
MB 885-30693/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-30693/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-29376-7 MS	S-16	Total/NA	Solid	300_Prep	
885-29376-7 MSD	S-16	Total/NA	Solid	300_Prep	
885-29376-8 MS	BF-1	Total/NA	Solid	300_Prep	
885-29376-8 MSD	BF-1	Total/NA	Solid	300_Prep	

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QC Association Summary

Client: Ensolum
Project/Site: Lateral C-38

Job ID: 885-29376-1

HPLC/IC

Analysis Batch: 30697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29376-1	S-10a	Total/NA	Solid	300.0	30693
885-29376-2	S-11a	Total/NA	Solid	300.0	30693
885-29376-3	S-12	Total/NA	Solid	300.0	30693
885-29376-4	S-13	Total/NA	Solid	300.0	30693
885-29376-5	S-14	Total/NA	Solid	300.0	30693
885-29376-6	S-15	Total/NA	Solid	300.0	30693
885-29376-7	S-16	Total/NA	Solid	300.0	30693
885-29376-8	BF-1	Total/NA	Solid	300.0	30693
MB 885-30693/1-A	Method Blank	Total/NA	Solid	300.0	30693
LCS 885-30693/2-A	Lab Control Sample	Total/NA	Solid	300.0	30693
885-29376-7 MS	S-16	Total/NA	Solid	300.0	30693
885-29376-7 MSD	S-16	Total/NA	Solid	300.0	30693
885-29376-8 MS	BF-1	Total/NA	Solid	300.0	30693
885-29376-8 MSD	BF-1	Total/NA	Solid	300.0	30693

Eurofins Albuquerque

Lab Chronicle

Client: Ensolum
Project/Site: Lateral C-38

Job ID: 885-29376-1

Client Sample ID: S-10a
Date Collected: 07/22/25 10:00
Date Received: 07/23/25 07:10

Lab Sample ID: 885-29376-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			30683	KLS	EET ALB	07/23/25 09:25
Total/NA	Analysis	8015M/D		1	30695	AT	EET ALB	07/23/25 12:42
Total/NA	Prep	5035			30683	KLS	EET ALB	07/23/25 09:25
Total/NA	Analysis	8021B		1	30696	AT	EET ALB	07/23/25 12:42
Total/NA	Prep	SHAKE			30694	BZR	EET ALB	07/23/25 10:05
Total/NA	Analysis	8015M/D		1	30685	EM	EET ALB	07/23/25 15:05
Total/NA	Prep	300_Prep			30693	MA	EET ALB	07/23/25 10:02
Total/NA	Analysis	300.0		20	30697	RC	EET ALB	07/23/25 11:39

Client Sample ID: S-11a
Date Collected: 07/22/25 10:05
Date Received: 07/23/25 07:10

Lab Sample ID: 885-29376-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			30683	KLS	EET ALB	07/23/25 09:25
Total/NA	Analysis	8015M/D		1	30695	AT	EET ALB	07/23/25 13:04
Total/NA	Prep	5035			30683	KLS	EET ALB	07/23/25 09:25
Total/NA	Analysis	8021B		1	30696	AT	EET ALB	07/23/25 13:04
Total/NA	Prep	SHAKE			30694	BZR	EET ALB	07/23/25 10:05
Total/NA	Analysis	8015M/D		1	30685	EM	EET ALB	07/23/25 15:17
Total/NA	Prep	300_Prep			30693	MA	EET ALB	07/23/25 10:02
Total/NA	Analysis	300.0		20	30697	RC	EET ALB	07/23/25 11:49

Client Sample ID: S-12
Date Collected: 07/22/25 10:10
Date Received: 07/23/25 07:10

Lab Sample ID: 885-29376-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			30683	KLS	EET ALB	07/23/25 09:25
Total/NA	Analysis	8015M/D		1	30695	AT	EET ALB	07/23/25 13:26
Total/NA	Prep	5035			30683	KLS	EET ALB	07/23/25 09:25
Total/NA	Analysis	8021B		1	30696	AT	EET ALB	07/23/25 13:26
Total/NA	Prep	SHAKE			30694	BZR	EET ALB	07/23/25 10:05
Total/NA	Analysis	8015M/D		1	30685	EM	EET ALB	07/23/25 15:29
Total/NA	Prep	300_Prep			30693	MA	EET ALB	07/23/25 10:02
Total/NA	Analysis	300.0		20	30697	RC	EET ALB	07/23/25 11:59

Client Sample ID: S-13
Date Collected: 07/22/25 10:15
Date Received: 07/23/25 07:10

Lab Sample ID: 885-29376-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			30683	KLS	EET ALB	07/23/25 09:25
Total/NA	Analysis	8015M/D		1	30695	AT	EET ALB	07/23/25 13:48

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Lab Chronicle

Client: Ensolum
Project/Site: Lateral C-38

Job ID: 885-29376-1

Client Sample ID: S-13

Date Collected: 07/22/25 10:15

Date Received: 07/23/25 07:10

Lab Sample ID: 885-29376-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			30683	KLS	EET ALB	07/23/25 09:25
Total/NA	Analysis	8021B		1	30696	AT	EET ALB	07/23/25 13:48
Total/NA	Prep	SHAKE			30694	BZR	EET ALB	07/23/25 10:05
Total/NA	Analysis	8015M/D		1	30687	EM	EET ALB	07/23/25 12:38
Total/NA	Prep	300_Prep			30693	MA	EET ALB	07/23/25 10:02
Total/NA	Analysis	300.0		20	30697	RC	EET ALB	07/23/25 12:10

Client Sample ID: S-14

Date Collected: 07/22/25 10:20

Date Received: 07/23/25 07:10

Lab Sample ID: 885-29376-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			30683	KLS	EET ALB	07/23/25 09:25
Total/NA	Analysis	8015M/D		1	30695	AT	EET ALB	07/23/25 14:10
Total/NA	Prep	5035			30683	KLS	EET ALB	07/23/25 09:25
Total/NA	Analysis	8021B		1	30696	AT	EET ALB	07/23/25 14:10
Total/NA	Prep	SHAKE			30694	BZR	EET ALB	07/23/25 10:05
Total/NA	Analysis	8015M/D		1	30687	EM	EET ALB	07/23/25 13:01
Total/NA	Prep	300_Prep			30693	MA	EET ALB	07/23/25 10:02
Total/NA	Analysis	300.0		20	30697	RC	EET ALB	07/23/25 12:20

Client Sample ID: S-15

Date Collected: 07/22/25 10:25

Date Received: 07/23/25 07:10

Lab Sample ID: 885-29376-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			30683	KLS	EET ALB	07/23/25 09:25
Total/NA	Analysis	8015M/D		1	30695	AT	EET ALB	07/23/25 14:31
Total/NA	Prep	5035			30683	KLS	EET ALB	07/23/25 09:25
Total/NA	Analysis	8021B		1	30696	AT	EET ALB	07/23/25 14:31
Total/NA	Prep	SHAKE			30694	BZR	EET ALB	07/23/25 10:05
Total/NA	Analysis	8015M/D		1	30687	EM	EET ALB	07/23/25 13:25
Total/NA	Prep	300_Prep			30693	MA	EET ALB	07/23/25 10:02
Total/NA	Analysis	300.0		20	30697	RC	EET ALB	07/23/25 12:30

Client Sample ID: S-16

Date Collected: 07/22/25 10:30

Date Received: 07/23/25 07:10

Lab Sample ID: 885-29376-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			30683	KLS	EET ALB	07/23/25 09:25
Total/NA	Analysis	8015M/D		1	30695	AT	EET ALB	07/23/25 14:53
Total/NA	Prep	5035			30683	KLS	EET ALB	07/23/25 09:25
Total/NA	Analysis	8021B		1	30696	AT	EET ALB	07/23/25 14:53

Eurofins Albuquerque

Lab Chronicle

Client: Ensolum
Project/Site: Lateral C-38

Job ID: 885-29376-1

Client Sample ID: S-16
Date Collected: 07/22/25 10:30
Date Received: 07/23/25 07:10

Lab Sample ID: 885-29376-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			30694	BZR	EET ALB	07/23/25 10:05
Total/NA	Analysis	8015M/D		1	30687	EM	EET ALB	07/23/25 13:48
Total/NA	Prep	300_Prep			30693	MA	EET ALB	07/23/25 10:02
Total/NA	Analysis	300.0		20	30697	RC	EET ALB	07/23/25 13:01

Client Sample ID: BF-1
Date Collected: 07/22/25 10:35
Date Received: 07/23/25 07:10

Lab Sample ID: 885-29376-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			30683	KLS	EET ALB	07/23/25 09:25
Total/NA	Analysis	8015M/D		1	30695	AT	EET ALB	07/23/25 15:15
Total/NA	Prep	5035			30683	KLS	EET ALB	07/23/25 09:25
Total/NA	Analysis	8021B		1	30696	AT	EET ALB	07/23/25 15:15
Total/NA	Prep	SHAKE			30694	BZR	EET ALB	07/23/25 10:05
Total/NA	Analysis	8015M/D		1	30687	EM	EET ALB	07/23/25 14:12
Total/NA	Prep	300_Prep			30693	MA	EET ALB	07/23/25 10:02
Total/NA	Analysis	300.0		20	30697	RC	EET ALB	07/23/25 13:12

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum
Project/Site: Lateral C-38

Job ID: 885-29376-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	09-23-25

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

Chain-of-Custody Record

Client: Ensolution LLC

Mailing Address: 606 S Rio Grande
Suite A 877410

Phone #: _____

email or Fax#: cdapenti@ensolun.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ AZ Compliance
☐ NELAC ☐ Other _____

☐ EDD (Type) _____

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
7/22	1000	S	S-10a	4oz Jar Cool		
7/22	1005	S	S-11a			
7/22	1010	S	S-12			
7/22	1015	S	S-13			
7/22	1020	S	S-14			
7/22	1025	S	S-15			
7/22	1030	S	S-16			
7/22	1035	S	BF-1			

Date 7/22/25 Time 1408 Relinquished by [Signature]

Date 7/22/25 Time 1730 Relinquished by Christopher Wall

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility.

Turn-Around Time: 1002

☐ Standard ☒ Rush 7-23-25

Project Name: Lateral Blanco C-38

Project #: _____

Project Manager: K Summers

Sampler: C Dapenti

On Ice: ☒ Yes ☐ No chucky

of Coolers: 1

Cooler Temp (including cpl): 4.5 + 0.2 = 4.7 (°C)

Container Type and #

Preservative Type

HEAL No.

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
7/22	1000	S	S-10a	4oz Jar Cool		
7/22	1005	S	S-11a			
7/22	1010	S	S-12			
7/22	1015	S	S-13			
7/22	1020	S	S-14			
7/22	1025	S	S-15			
7/22	1030	S	S-16			
7/22	1035	S	BF-1			

Date 7/22/25 Time 1408 Received by CHW Via TRUCK

Date 7/23/25 Time 7:10 Received by [Signature] Via TRUCK

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility.



**HALL ENVIRONMENTAL
ANALYSIS LABOR**

www.hallenvironmental.com

885-29376 COC

4901 Hawkins NE - Albuquerque, NM 87105

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

BTEX / MTBE / TMBs (8021)	TPH: 8015D (GRO / DRO / MRO)	8081 Pesticides/8082 PCBs	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
✓	✓					✓			
✓	✓					✓			
✓	✓					✓			
✓	✓					✓			
✓	✓					✓			
✓	✓					✓			
✓	✓					✓			
✓	✓					✓			
✓	✓					✓			

Remarks:

Tom Long
AB 21200
Said
dry

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 885-29376-1

Login Number: 29376

List Number: 1

Creator: Casarrubias, Tracy

List Source: Eurofins Albuquerque

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

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

QUESTIONS

Action 519253

QUESTIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 519253
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2520438284
Incident Name	NAPP2520438284 LATERAL C-38 @ P-13-27N-09W
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 C-38
Date Release Discovered	07/23/2025
Surface Owner	Navajo

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	Yes

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: 34 MCF Recovered: 0 MCF Lost: 34 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 519253

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 519253
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	Yes, according to supplied volumes this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (4) a release of a volume that may with reasonable probability be detrimental to fresh water.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	None

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

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

I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 10/23/2025
--	---

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QUESTIONS, Page 3

Action 519253

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 519253
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Less than or equal 25 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between ½ and 1 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	None
A 100-year floodplain	Zero feet, overlying, or within area
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	130
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)	0.1
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	07/23/2025
On what date will (or did) the final sampling or liner inspection occur	07/28/2025
On what date will (or was) the remediation complete(d)	07/28/2025
What is the estimated surface area (in square feet) that will be reclaimed	992
What is the estimated volume (in cubic yards) that will be reclaimed	738
What is the estimated surface area (in square feet) that will be remediated	992
What is the estimated volume (in cubic yards) that will be remediated	738
<i>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.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 519253

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 519253
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(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	fEEM0112334691 ENVIROTECH LANDFARM #1
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.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 10/23/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 519253

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 519253
	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	No

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QUESTIONS, Page 6

Action 519253

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 519253
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	488052
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/25/2025
What was the (estimated) number of samples that were to be gathered	10
What was the sampling surface area in square feet	200

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	992
What was the total volume (cubic yards) remediated	738
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	992
What was the total volume (in cubic yards) reclaimed	738
Summarize any additional remediation activities not included by answers (above)	None
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 10/23/2025

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QUESTIONS, Page 7

Action 519253

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 519253
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	992
What was the total volume of replacement material (in cubic yards) for this site	738
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseedling commence(d)	08/05/2025
Summarize any additional reclamation activities not included by answers (above)	None
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseedling plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 10/23/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 8

Action 519253

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 519253
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>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.</i>	

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CONDITIONS

Action 519253

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 519253
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The New Mexico Oil Conservation Division (OCD) acts as a repository for documents pertaining to produced fluid spills and releases that may occur on Native American Tribal Lands, as a result of the production of oil and gas, on Tribal Lands. The OCD performs this function at the sole discretion of the relevant Tribal Authority. The oil and gas producer may file Form C-141 with OCD which will create an incident number and a document file in OCD's Permitting System. Once created, this incident number will remain in "closed" status but will be available to document the spill or release, any remedial activities associated with the spill or release, or other documentation as the relevant Tribal Authority may deem appropriate. Under these terms, this incident number is closed, but may be an ongoing remedial project.	11/7/2025