ENSOLUM

CLOSURE REPORT

Property:

Lateral 6K-4
Unit Letter N, S4 T29N R11W
San Juan County, New Mexico

New Mexico EMNRD OCD Incident ID No. NAPP2520948332

October 23, 2025

Ensolum Project No. 05A1226377

Prepared for:

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

Prepared by:

Kyle Summers
Senior Managing Geologist

TABLE OF CONTENTS

LIST OF APPENDICES

1.0 INTRODUCTION

1.1 Site Description & Background

Operator:	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)
Site Name:	Lateral 6K-4 (Site)
NM EMNRD OCD Incident ID No.	NAPP2520948332
Location:	36.750904° North, 108.000601° West Unit Letter N, Section 4, Township 29 North, Range 11 West San Juan County, New Mexico
Property:	Bureau of Land Management (BLM)
Regulatory:	New Mexico (NM) Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

On July 7, 2025, a potential release of natural gas was identified from the Lateral 6K-4 pipeline. Enterprise subsequently isolated and locked the pipeline out of service. On July 28, 2025, Enterprise initiated activities to remediate potential petroleum hydrocarbon impact and determined the release was “reportable” due to the potential volume of impacted soil. The NM EMNRD OCD was subsequently notified.

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

1.2 Project Objective

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

2.0 CLOSURE CRITERIA

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

- The NM Office of the State Engineer (OSE) tracks the usage and assignment of water rights and water well installations and records this information in the Water Rights Reporting System (WRRS) database. Water wells and other points of diversion (PODs) are each assigned POD numbers in the database (which is searchable and includes an interactive map). Numerous PODs were identified in the same and/or adjacent PLSS sections (**Figure A**, **Appendix B**). The closest POD with a recorded depth to water (DTW) is SJ-04237 (DTW = 40’). This POD is located approximately 0.42 miles east of the site and is approximately 30 feet lower in elevation than the Site. SJ-03251 (DTW = 77’) is located approximately 1.13 miles northwest of the site and is approximately 30 feet higher in elevation than the Site.

- 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 not located within 300 feet of a NM EMNRD OCD-defined significant watercourse (**Figure C**, **Appendix B**).
- 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 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. The Site is located within the city limits of Bloomfield, NM.
- 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 not within a 100-year floodplain (**Figure H**, **Appendix B**).

Based on available information, the Site is within the city limits of Bloomfield, NM 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).

3.0 SOIL REMEDIATION ACTIVITIES

On July 28, 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 excavation measured approximately 32 feet long and 28 feet wide at the maximum extents. The calculated surface footprint is approximately 850 ft^2, but due to some of the walls being sloped, the floor of the excavation was approximately 616 ft^2. The maximum depth of the excavation measured approximately 8 to 12 feet bgs. The lithology encountered during the completion of remediation activities consisted primarily of silty sand and sandstone. For purposes of the discussions herein, the sandstone is included as "soil".

Approximately 1,018 cubic yards (yd^3) of petroleum hydrocarbon-affected soils and 65 barrels (bbls) of hydro-excavation soil cuttings and water 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 remains open at the time of this writing while a permanent repair is being developed.

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

4.0 SOIL SAMPLING PROGRAM

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

Ensolum's soil sampling program included the collection of 22 composite soil samples (S-1 through S-22) from the excavation and one composite sample (BF-1) from the stockpiled backfill for laboratory analysis. The composite samples were comprised of five aliquots each and represent an estimated 200 square foot (ft^2) or less sample area per guidelines outlined in Section D of 19.15.29.12 NMAC. The excavator bucket and/or hand tools were utilized to obtain fresh aliquots from each area of the excavation and backfill. Regulatory correspondence is provided in **Appendix E**.

First Sampling Event

On July 30, 2025, sampling was performed at the Site. The NM EMNRD OCD was notified of the sampling event although no representative was present during sampling activities. Composite soil sample S-1 (5') was collected from the floor of the excavation. Composite soil samples S-2 (0' to 5'), S-3 (0' to 5'), S-4 (0' to 5'), and S-5 (0' to 5') were collected from the walls of the excavation. Composite soil sample BF-1 was collected from the imported fill. Laboratory analytical results indicated that composite soil samples S-1 and S-4 exceeded the NM EMNRD OCD closure criteria and additional material was subsequently removed.

Second Sampling Event

On August 11, 2025, sampling was performed at the Site. The NM EMNRD OCD was notified of the sampling event although no representative was present during sampling activities. Composite soil samples S-6 (10') and S-7 were collected from the floor of the excavation. Composite soil samples S-8 (0' to 5'), S- (5' to 10'), S-10 (0' to 5'), S-11 (5' to 10'), S-12 (0' to 8'), S-13 (0' to 5'), and S-14 (5' to 10') were collected from the sloped and straight walls of the excavation. Laboratory

analytical results indicated that composite soil samples S-7, S-13, and S-14 exceeded the NM EMNRD OCD closure criteria and additional material was subsequently removed.

Third Sampling Event
On August 14, 2025, sampling was performed at the Site. The NM EMNRD OCD was notified of the sampling event although no representative was present during sampling activities. Composite soil sample S-15 (10') was collected from the floor of the excavation. Composite soil sample S-16 (0' to 10') was collected from the sloped and straight walls of the excavation.

Fourth Sampling Event
On August 19, 2025, sampling was performed at the Site. The NM EMNRD OCD was notified of the sampling event although no representative was present during sampling activities. Composite soil samples S-18 (12') and S-19 (12') were collected from the floor of the excavation. Composite soil samples S-20 (0' to 12'), S-21 (0' to 12'), and S-22 (0' to 12') were collected from the walls of the excavation.

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

5.0 SOIL LABORATORY ANALYTICAL METHODS

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

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

6.0 SOIL DATA EVALUATION

Ensolum compared the benzene, BTEX, TPH, and chloride laboratory analytical results or laboratory practical quantitation limits (PQLs) / reporting limits (RLs) associated with the composite soil samples (S-1 through S-22 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. Soil associated with composite soil samples S-1, S-2, S-3, S-4, S-5, S-7, S-13, and S-14 were removed from the excavation and are not included in the following discussion. The laboratory analytical results are summarized in **Table 1** (**Appendix F**).

- The laboratory analytical result for composite soil sample S-11 indicates a benzene concentration of 0.022 mg/kg which is 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 benzene is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 10 mg/kg.

- The laboratory analytical results for composite soil samples S-6, S-9, and S-11 indicate BTEX concentrations ranging from 0.24 mg/kg (S-9) to 3.7 mg/kg (S-11), 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

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 composite soil samples S-6, S-9, and S-11 indicate total combined TPH GRO/DRO/MRO concentrations ranging from 11 mg/kg (S-9) to 51 mg/kg (S-11), which are less than the NM EMNRD OCD closure criteria of 100 mg/kg. The laboratory analytical results for the other composite soil samples collected from soils remaining at the Site indicate total combined TPH GRO/DRO/MRO is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 100 mg/kg.

- The laboratory analytical results for composite soil samples S-8 through S-12, and S-21 indicate chloride concentrations ranging from 56 mg/kg (S-21) to 170 mg/kg (S-9) which is less than the NM EMNRD OCD closure criteria of 600 mg/kg. Analytical results for the other confirmation soil samples collected from soils remaining at the Site indicate chloride is not present at concentrations greater than the laboratory PQLs/RLs, which is less than the NM EMNRD OCD closure criteria of 600 mg/kg.

7.0 RECLAMATION

The excavation has not yet been backfilled because permanent repairs are still pending. Once backfilled, the area will be contoured to the surrounding grade. The backfill and the upper four feet of the excavation have been analytically verified to be below the Tier I soil standards of 50 mg/kg BTEX, 10 mg/kg benzene, 100 mg/kg total combined TPH, and 600 mg/kg Chloride. See **APPENDIX D** and **APPENDIX F** for further documentation.

8.0 REVEGETATION

Revegetation will be addressed in accordance with 19.15.29.13 NMAC utilizing the recommended seed mix as described in the Vegetation Community Descriptions and Seed Mixes provided by the BLM Farmington Field Office. In this case the surrounding vegetation is predominantly of the Badland and 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

- A total of 23 composite soil samples were collected from the Site. Based on laboratory analytical results, no benzene, BTEX, chloride, or total combined TPH GRO/DRO/MRO exceedances were identified in the soils remaining at the Site.

- Approximately 1,018 cubic yards (yd^3) of petroleum hydrocarbon-affected soils and 65 bbls of hydroexcavation soil cuttings and water 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.

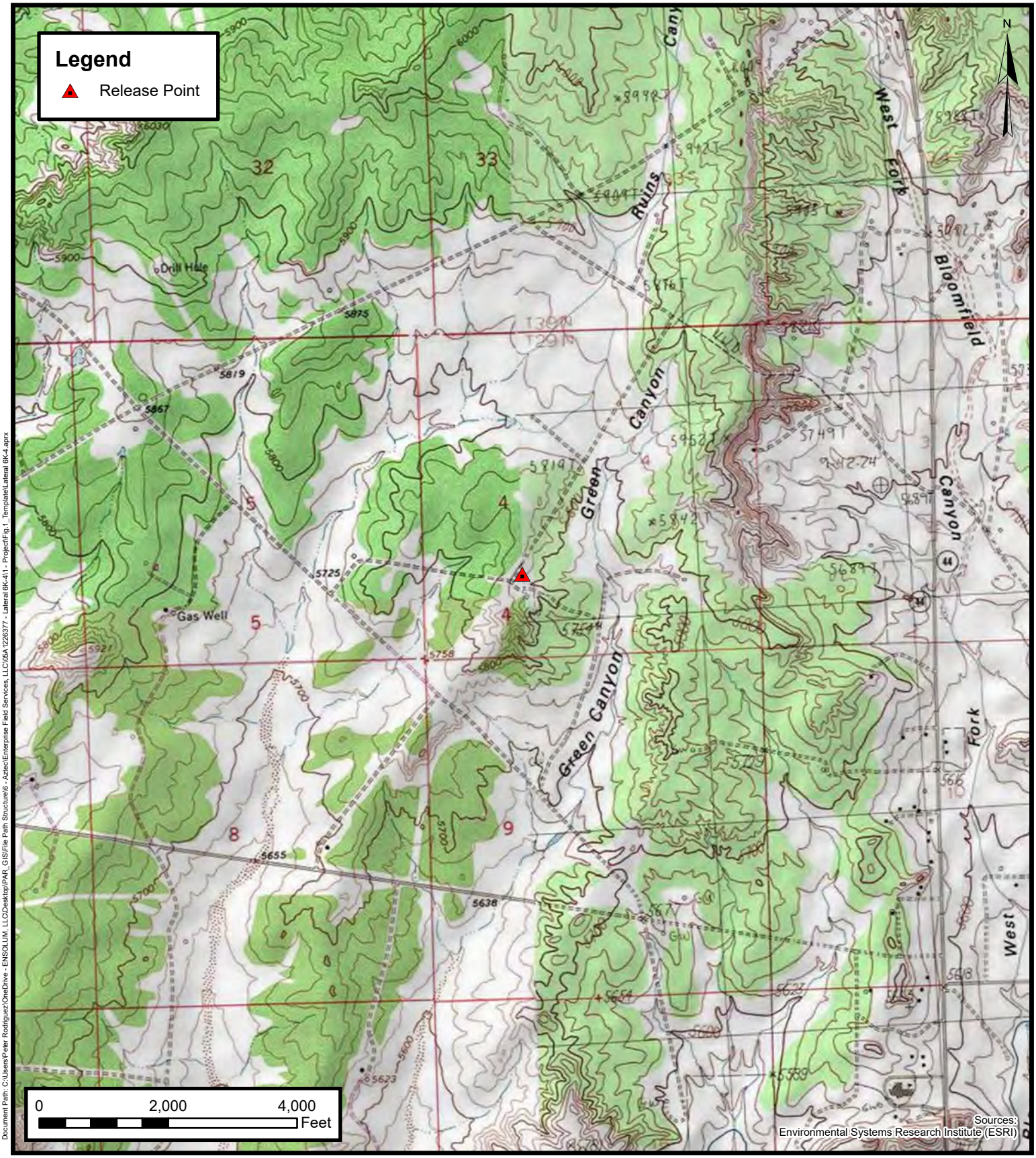
10.3 Reliance

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.

ENSOLUM

APPENDIX A

Figures



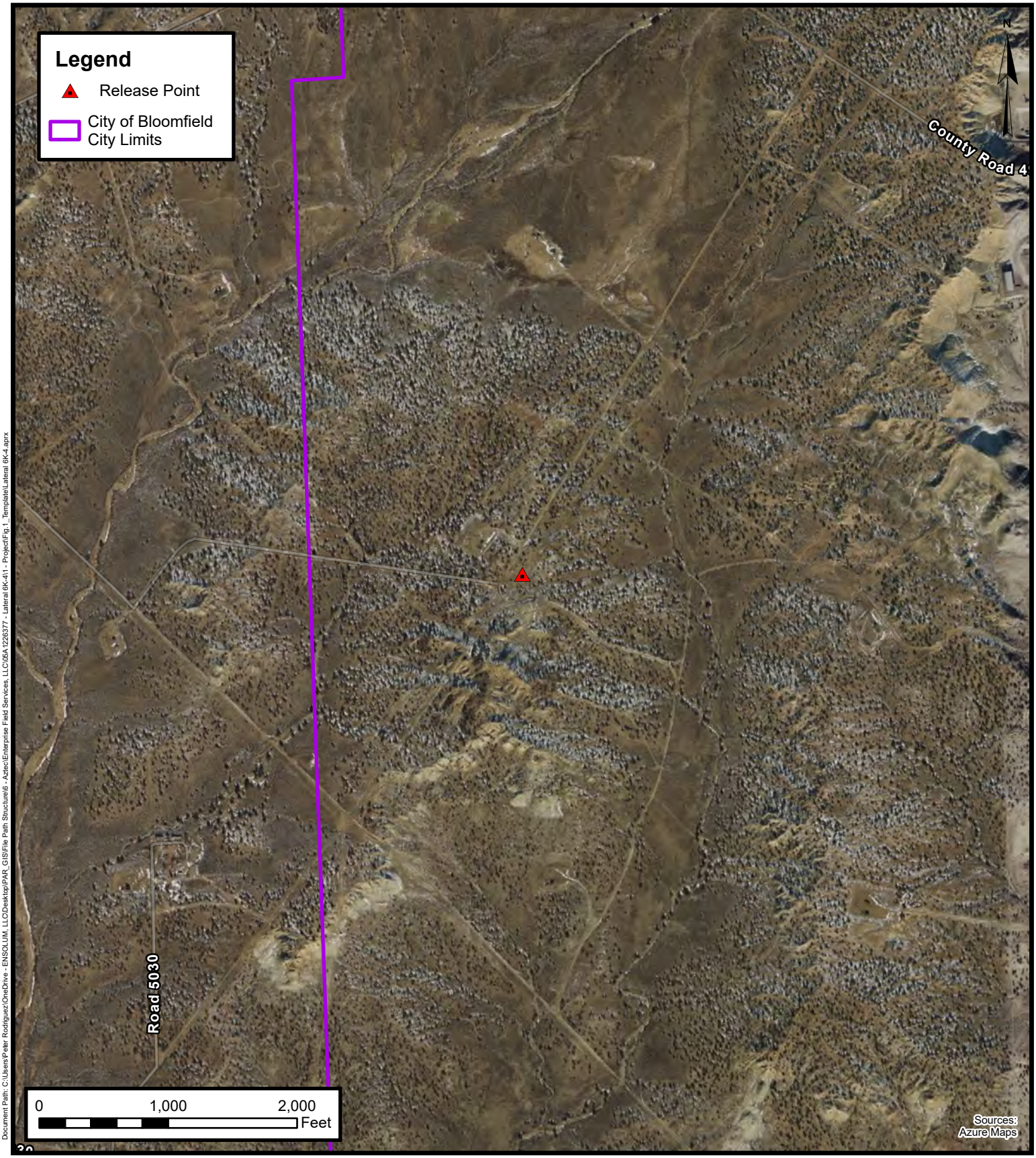
Document Path: C:\Users\Peter Rodriguez\OneDrive - ENSOLUM, LLC\Desktop\PAR_GIS\File Path Structure\6 - Aztec\Enterprise Field Services, LLC\05A1226377 - Lateral 6K-4\1 - Project\Fig.1_Template\Lateral 6K-4.aprx

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Topographic Map

Enterprise Field Services, LLC
Lateral 6K-4
Project Number: 05A1226377
Unit Letter N, S04, T29N, R11W, San Juan County, New Mexico
36.750904, -108.000601

FIGURE
1



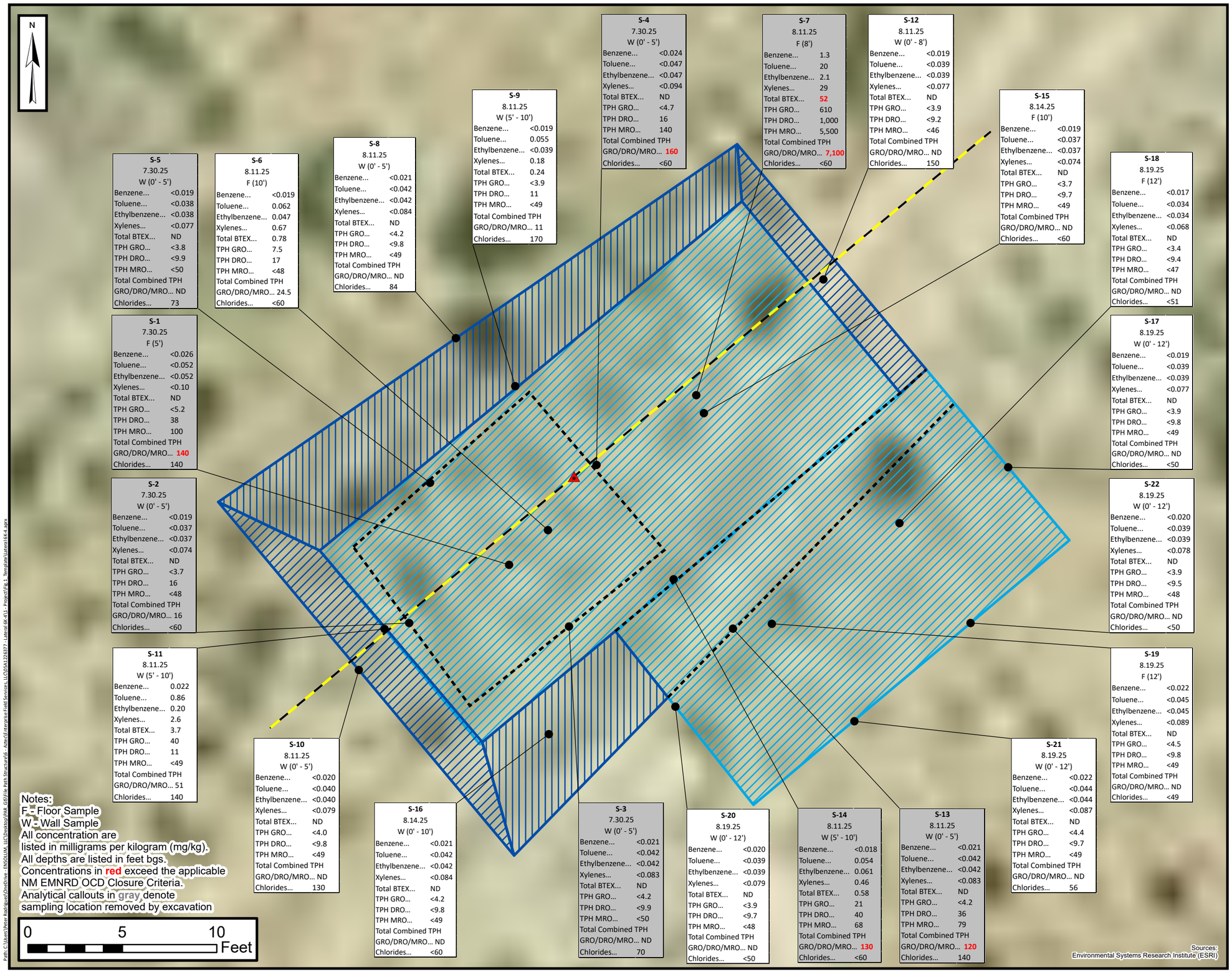
Document Path: C:\Users\Peter Rodriguez\OneDrive - ENSOLUM, LLC\Desktop\PAR_GIS\File Path Structure\6 - Aztec\Enterprise Field Services, LLC\05A1226377 - Lateral 6K-4\1 - Project\Fig.1_Template\Lateral 6K-4.aprx

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Site Vicinity Map

Enterprise Field Services, LLC
Lateral 6K-4
Project Number: 05A1226377
Unit Letter N, S04, T29N, R11W, San Juan County, New Mexico
36.750904, -108.000601

FIGURE
2



LEGEND

- Point of Release
- Composite Soil Sample Location
- Pipeline
- Former Wall
- Excavation Extent
- Sloped Excavation Extent

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Site Map with Soil Analytical Results

Enterprise Field Services, LLC
Lateral 6K-4
Unit Letter N, S04, T29N, R11W
San Juan County, New Mexico
36.750904, -108.000601

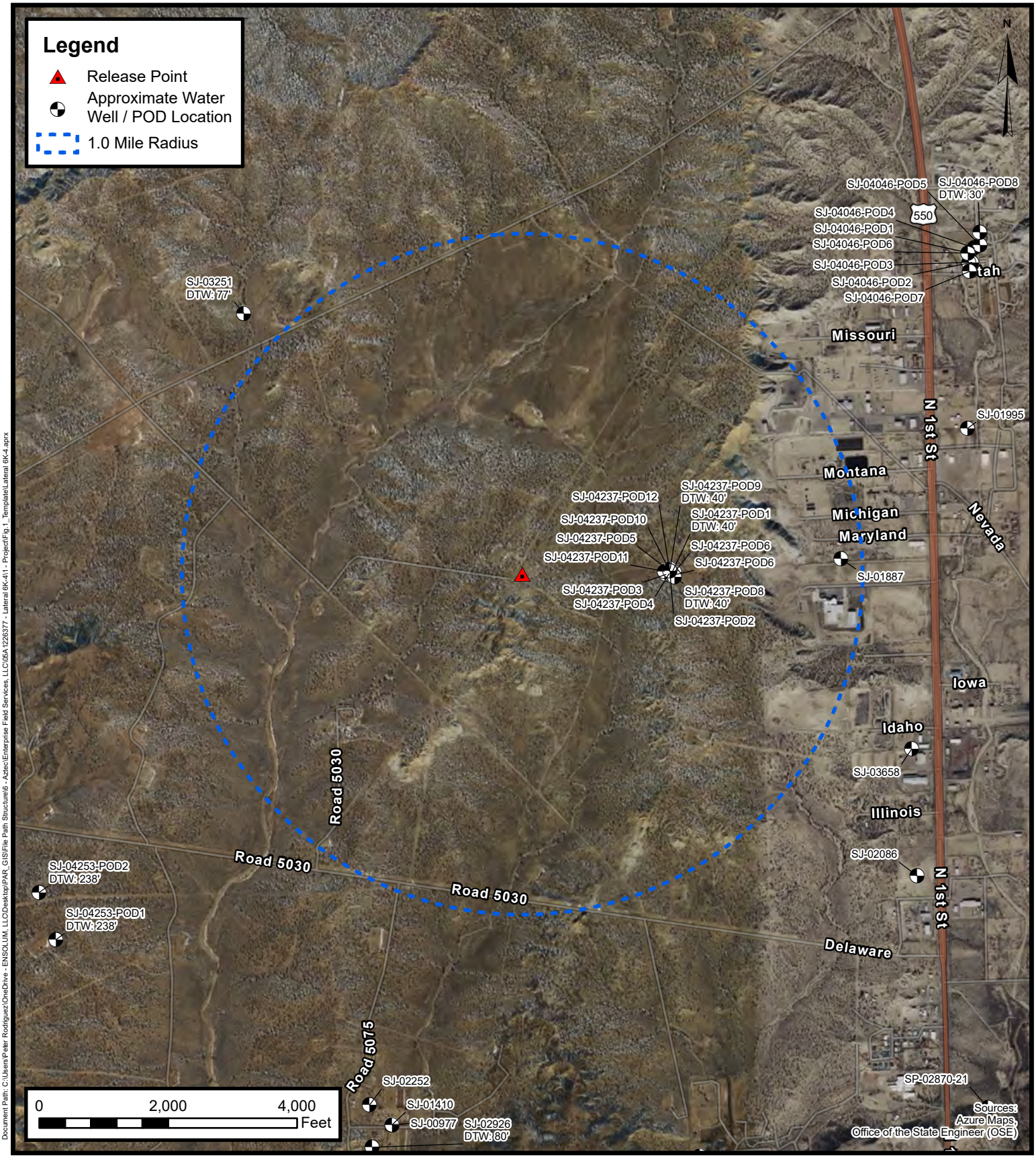
Figure 3

Project Number: 05A1226377

ENSOLUM

APPENDIX B

Siting Figures and Documentation



Document Path: C:\Users\Peter.Rodriguez\OneDrive - ENSOLUM, LLC\Desktop\PAR_GIS\File Path Structure\6 - Aztec\Enterprise Field Services, LLC\05A1226377 - Lateral 6K-4\1 - Project\Fig.1_Template\Lateral 6K-4.aprx

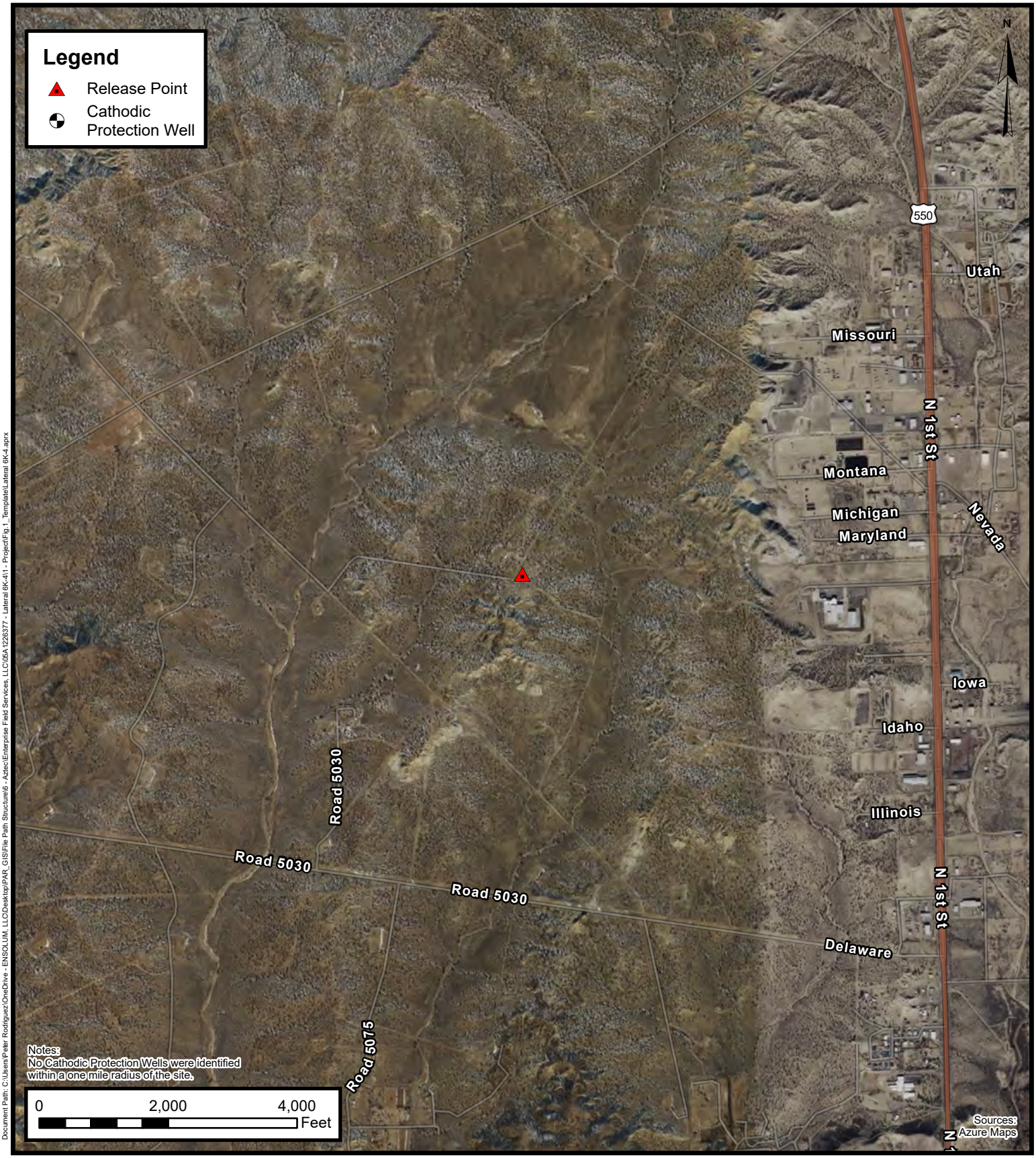
ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

1.0 Mile Radius Water Well / POD Location Map

Enterprise Field Services, LLC
Lateral 6K-4
Project Number: 05A1226377
Unit Letter N, S04, T29N, R11W, San Juan County, New Mexico
36.750904, -108.000601

FIGURE

A



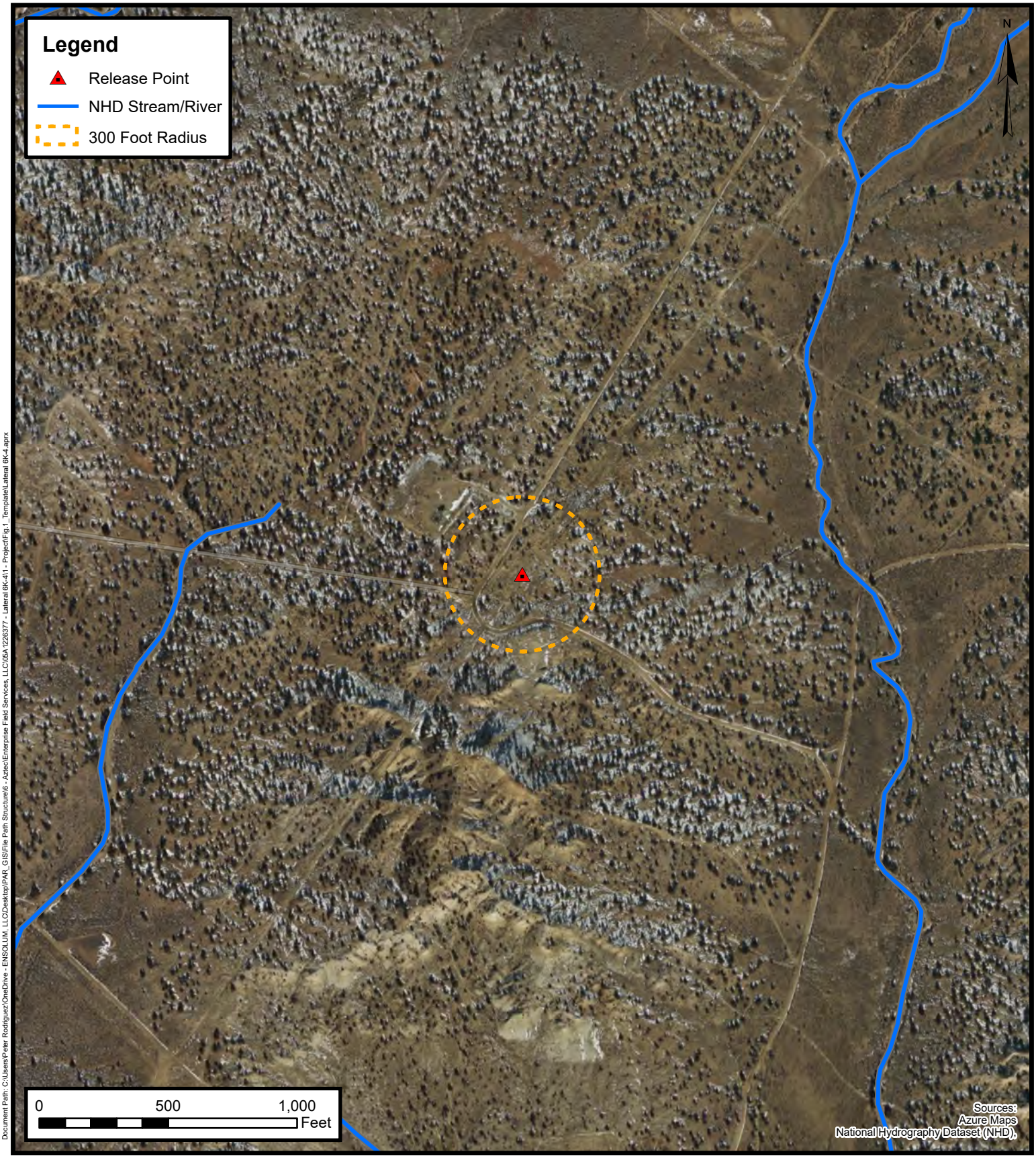
ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Nearest Cathodic Protection Well(s) with Recorded Depth(s) to Water

Enterprise Field Services, LLC
Lateral 6K-4
Project Number: 05A1226377
Unit Letter N, S04, T29N, R11W, San Juan County, New Mexico
36.750904, -108.000601

FIGURE

B



Document Path: C:\Users\Peter Rodriguez\OneDrive - ENSOLUM, LLC\Desktop\PAR_GIS\File Path Structure\6 - Aztec\Enterprise Field Services, LLC\05A1226377 - Lateral 6K-4\1 - Project\Fig.1_Template\Lateral 6K-4.aprx

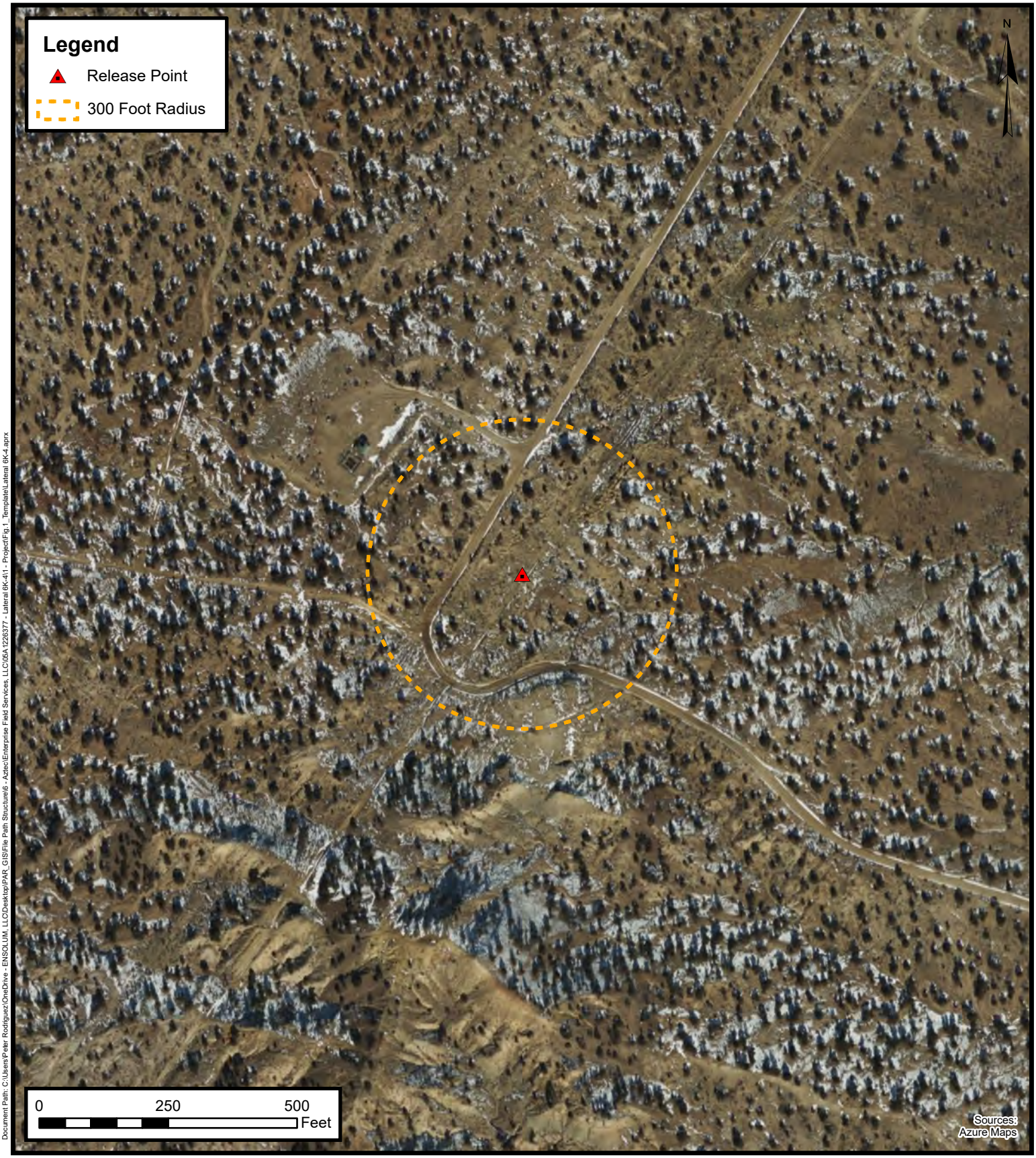
ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

300 Foot Radius Watercourse and Drainage Identification

Enterprise Field Services, LLC
Lateral 6K-4
Project Number: 05A1226377
Unit Letter N, S04, T29N, R11W, San Juan County, New Mexico
36.750904, -108.000601

FIGURE

C



Document Path: C:\Users\Peter Rodriguez\OneDrive - ENSOLUM, LLC\Desktop\PAR_GIS\File Path Structure\6 - Aztec\Enterprise Field Services, LLC\05A1226377 - Lateral 6K-4\1 - Project\Fig.1_Template\Lateral 6K-4.aprx

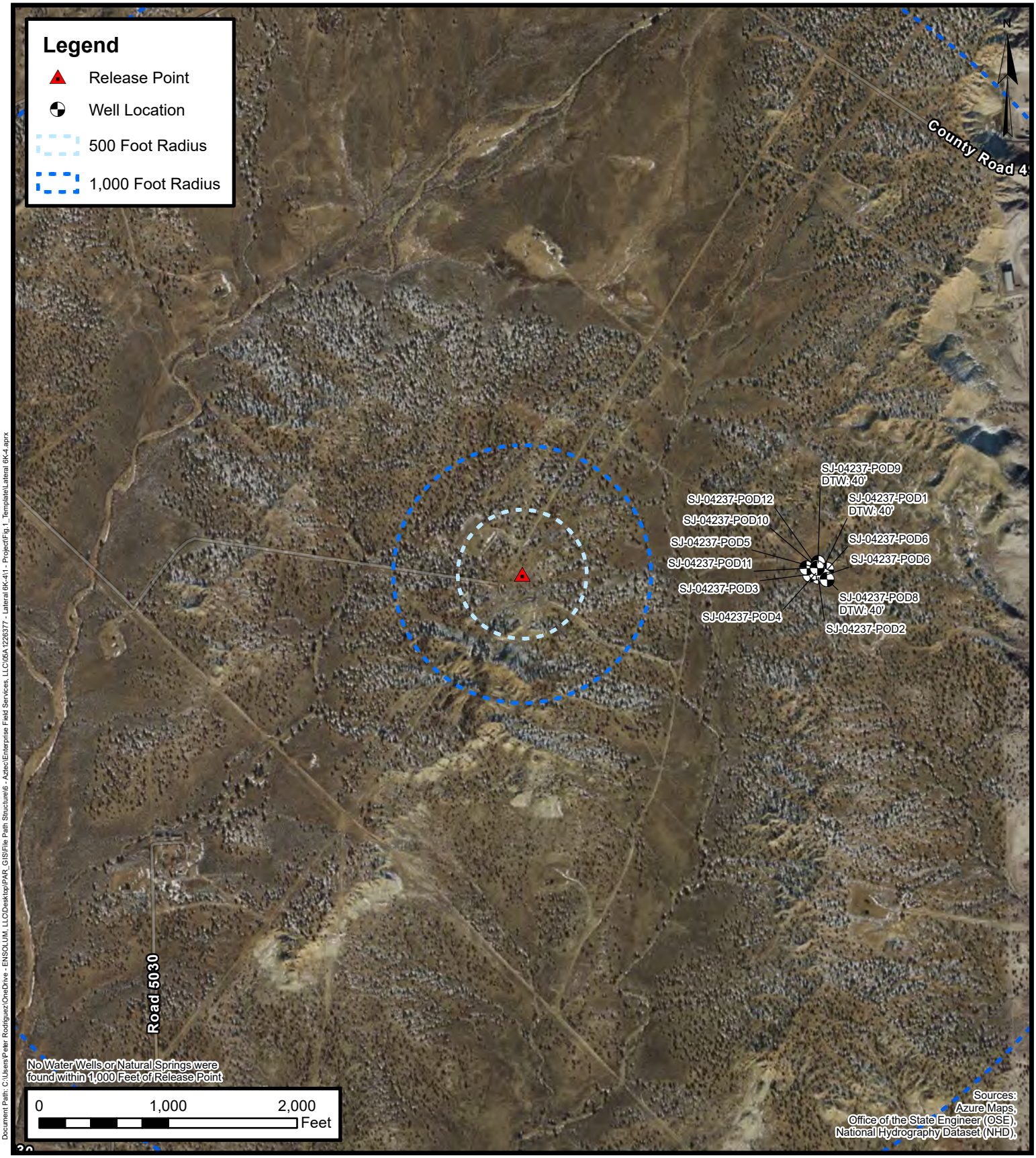
ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

300 Foot Radius Occupied Structure Identification

Enterprise Field Services, LLC
Lateral 6K-4
Project Number: 05A1226377
Unit Letter N, S04, T29N, R11W, San Juan County, New Mexico
36.750904, -108.000601

FIGURE

D

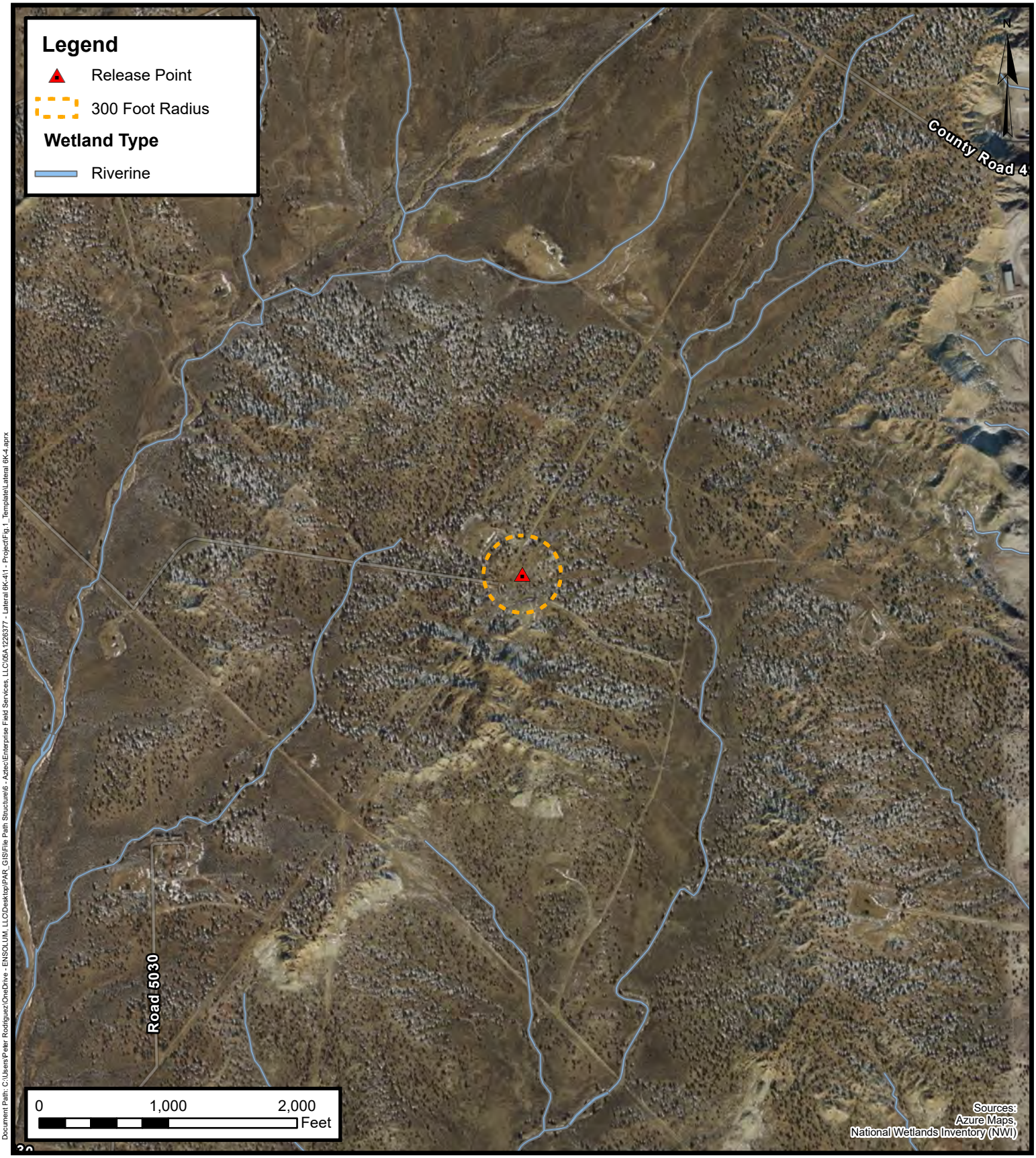


ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Water Well and Natural Spring Location

Enterprise Field Services, LLC
Lateral 6K-4
Project Number: 05A1226377
Unit Letter N, S04, T29N, R11W, San Juan County, New Mexico
36.750904, -108.000601

FIGURE
E

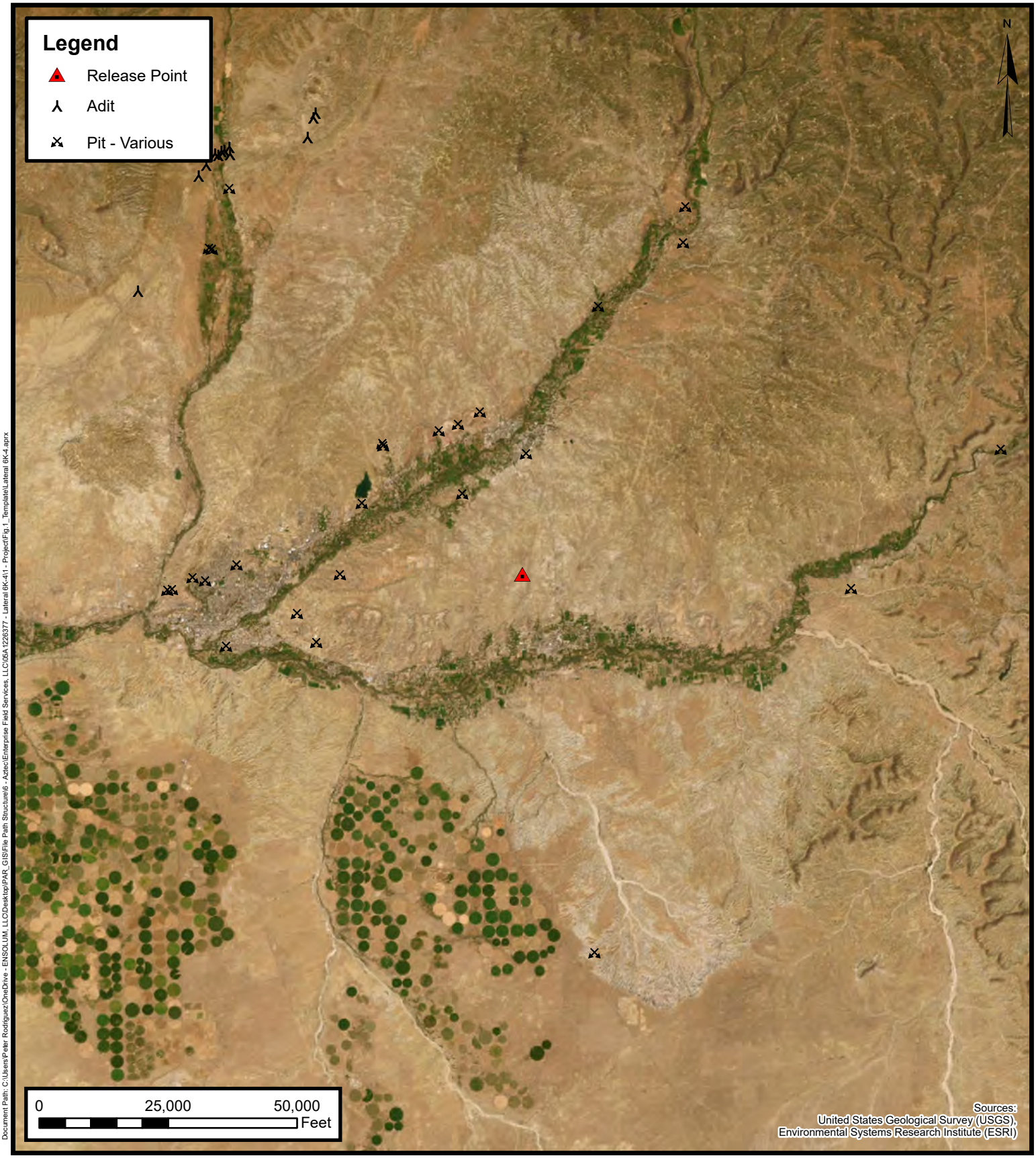


ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Wetlands

Enterprise Field Services, LLC
Lateral 6K-4
Project Number: 05A1226377
Unit Letter N, S04, T29N, R11W, San Juan County, New Mexico
36.750904, -108.000601

FIGURE
F



Document Path: C:\Users\Peter Rodriguez\OneDrive - ENSOLUM, LLC\Desktop\PAR_GIS\File Path Structure\6 - Aztec\Enterprise Field Services, LLC\05A1226377 - Lateral 6K-4\1 - Project\Fig.1_Template\Lateral 6K-4.aprx

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Mines, Mills, and Quarries

Enterprise Field Services, LLC
Lateral 6K-4
Project Number: 05A1226377
Unit Letter N, S04, T29N, R11W, San Juan County, New Mexico
36.750904, -108.000601

FIGURE
G

Document Path: C:\Users\Peter Rodriguez\OneDrive - ENSOLUM, LLC\Desktop\PAR_GIS\File Path Structure\6 - Aztec\Enterprise Field Services, LLC\05A1226377 - Lateral 6K-4\1 - Project\Fig.1_Template\Lateral 6K-4.aprx

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

100-Year Flood Plain Map

Enterprise Field Services, LLC
Lateral 6K-4
Project Number: 05A1226377
Unit Letter N, S04, T29N, R11W, San Juan County, New Mexico 36.750904, -108.000601

FIGURE
H

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Well Depth	Depth Water	Water Column
SJ 03251		SJ	SJ	SE	SE	SW	32	30N	11W	230879.0	4072752.0 *		150	77	73
SJ 03841 POD10		SJ	SJ			SW	34	30N	11W	261235.6	4075354.3		42	30	12

Average Depth to Water: **53 feet**

Minimum Depth: **30 feet**

Maximum Depth: **77 feet**

Record Count: 2

Basin/County Search:
Basin: SJ
County: SJ

PLSS Search:
Range: 11W
Township: 30N
Section: 32,33,34

*** UTM location was derived from PLSS - see Help**

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is closed) (quarters are smallest to largest) (In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Well Depth	Depth Water	Water Column
SJ 01851		SJM2	SJ		SE	SE	10	29N	11W	234586.0	4069572.0 *		125	48	77
SJ 04237 POD1		SJ	SJ	NE	SW	SE	04	29N	11W	232822.4	4071400.3		55	40	15
SJ 04237 POD8		SJ	SJ		SW	SE	04	29N	11W	232834.4	4071381.1		55	40	15
SJ 04237 POD9		SJ	SJ	NE	SW	SE	04	29N	11W	232815.8	4071421.2		55	40	15

Average Depth to Water: **42 feet**

Minimum Depth: **40 feet**

Maximum Depth: **48 feet**

Record Count: 4

Basin/County Search:
Basin: SJ
County: SJ

PLSS Search:
Range: 11W
Township: 29N
Section: 3,4,5,8,9,10

*** UTM location was derived from PLSS - see Help**

ENSOLUM

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: Gary Turner
AFE: N81669

2. Originating Site:
Lateral 6K-4

3. Location of Material (Street Address, City, State or ULSTR):
UL N Section 4 T29N R11W; 36.750904, -108.000601

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 yd^3 / bbls Known Volume (to be entered by the operator at the end of the haul) 1018/65 yd^3 / bbls

5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS

I, 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 7-28-2025, 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: OFT

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: 8/7/25
SIGNATURE: TELEPHONE NO.: 505-632-0615
Surface Waste Management Facility Authorized Agent

ENSOLUM

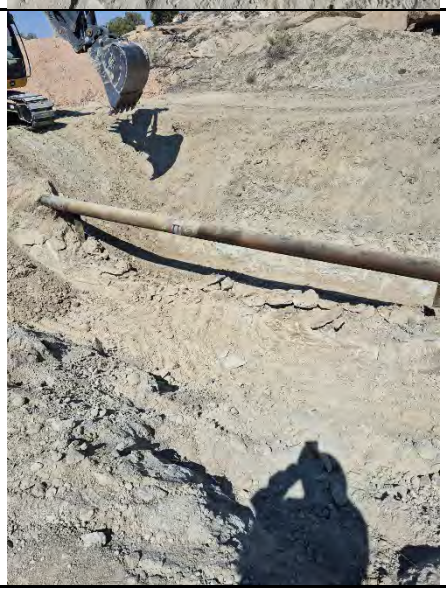
APPENDIX D

Photographic Documentation

SITE PHOTOGRAPHS

Enterprise Field Services, LLC
Closure Report
Lateral 6K-4
Ensolum Project No. 05A1226377

ENSOLUM

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 6K-4
Ensolum Project No. 05A1226377

ENSOLUM

Photograph 4 Photograph Description: View of the in process excavation activities.	
Photograph 5 Photograph Description: View of the final excavation.	
Photograph 6 Photograph Description: View of the final excavation.	

ENSOLUM

APPENDIX E

Regulatory Correspondence

From: OCDOnline@state.nm.us
To: Long, Thomas
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 489132
Date: Monday, July 28, 2025 1:29:01 PM

[Use caution with links/attachments]

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2520948332.

The sampling event is expected to take place:

When: 07/30/2025 @ 13:30
Where: N-04-29N-11W 0 FNL 0 FEL (36.750904,-108.000601)

Additional Information: Ensolum, LLC

Additional Instructions: 36.750904,-108.000601

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

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**
- **If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

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

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

From: Long, Thomas
To: Kyle Summers
Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 493199
Date: Thursday, August 7, 2025 10:18:58 AM

[**EXTERNAL EMAIL**]

Lateral 6K-4.

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

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Thursday, August 7, 2025 10:17 AM
To: Long, Thomas <tjlong@eprod.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 493199

[Use caution with links/attachments]

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2520948332.

The sampling event is expected to take place:

When: 08/11/2025 @ 11:00
Where: N-04-29N-11W 0 FNL 0 FEL (36.750904,-108.000601)

Additional Information: Ensolum, LLC

Additional Instructions: 36.750904,-108.000601

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

sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**
- **If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

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

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

From: Long, Thomas
To: Kyle Summers
Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 495444
Date: Wednesday, August 13, 2025 8:25:44 AM

[**EXTERNAL EMAIL**]

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

Enterprise Products

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Wednesday, August 13, 2025 7:50 AM
To: Long, Thomas <tjlong@eprod.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 495444

[Use caution with links/attachments]

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2520948332.

The sampling event is expected to take place:

When: 08/14/2025 @ 11:00
Where: N-04-29N-11W 0 FNL 0 FEL (36.750904,-108.000601)

Additional Information: Ensolum, LLC

Additional Instructions: 36.750904,-108.000601

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

sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**
- **If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

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

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

From: Long, Thomas
To: Kyle Summers
Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 496296
Date: Friday, August 15, 2025 8:13:06 AM

[**EXTERNAL EMAIL**]

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

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Friday, August 15, 2025 8:12 AM
To: Long, Thomas <tjlong@eprod.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 496296

[Use caution with links/attachments]

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2520948332.

The sampling event is expected to take place:

When: 08/19/2025 @ 10:00
Where: N-04-29N-11W 0 FNL 0 FEL (36.750904,-108.000601)

Additional Information: Ensolum, LLC

Additional Instructions: 36.750904,-108.000601

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

sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**
- **If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

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

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

ENSOLUM

APPENDIX F

Table 1 – Soil Analytical Summary

ENSOLUM

TABLE 1
Lateral 6K-4
SOIL ANALYTICAL SUMMARY

Sample I.D.	Date	Sample Type C- Composite G - Grab	Sample Depth (feet)	Benzene (mg/kg)	Ethylbenzene (mg/kg)	Toluene (mg/kg)	Xylenes (mg/kg)	Total BTEX[1] (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total Combined TPH (GRO/DRO/MRO)[1] (mg/kg)	Chloride (mg/kg)
New Mexico Energy, Mineral & Natural Resources Department Oil Conservation Division Closure Criteria (Tier I)				**10**	**NE**	**NE**	**NE**	**50**	**NE**	**NE**	**NE**	**100**	**600**
Removed Excavation Composite Soil Samples													
S-1	7.30.25	C	5	<0.026	<0.052	<0.052	<0.10	ND	<5.2	38	100	**140**	140
S-2	7.30.25	C	0 to 5	<0.019	<0.037	<0.037	<0.074	ND	<3.7	16	<48	16	<60
S-3	7.30.25	C	0 to 5	<0.021	<0.042	<0.042	<0.083	ND	<4.2	<9.9	<50	ND	70
S-4	7.30.25	C	0 to 5	<0.024	<0.047	<0.047	<0.094	ND	<4.7	16	140	**160**	<60
S-5	7.30.25	C	0 to 5	<0.019	<0.038	<0.038	<0.077	ND	<3.8	<9.9	<50	ND	73
S-7	8.11.25	C	8	1.3	2.1	20	29	**52**	610	1,000	5,500	**7,100**	<60
S-13	8.11.25	C	0 to 5	<0.021	<0.042	<0.042	<0.083	ND	<4.2	36	79	**120**	140
S-14	8.11.25	C	5 to 10	<0.018	0.061	0.054	0.46	0.58	21	40	68	**130**	<60
Excavation Composite Soil Samples													
S-6	8.11.25	C	10	<0.019	0.047	0.062	0.67	0.78	7.5	17	<48	24.5	<60
S-8	8.11.25	C	0 to 5	<0.021	<0.042	<0.042	<0.084	ND	<4.2	<9.8	<49	ND	84
S-9	8.11.25	C	5 to 10	<0.019	<0.039	0.055	0.18	0.24	<3.9	11	<49	11	170
S-10	8.11.25	C	0 to 5	<0.020	<0.040	<0.040	<0.079	ND	<4.0	<9.8	<49	ND	130
S-11	8.11.25	C	5 to 10	0.022	0.20	0.86	2.6	3.7	40	11	<49	51	140
S-12	8.11.25	C	0 to 8	<0.019	<0.039	<0.039	<0.077	ND	<3.9	<9.2	<46	ND	150
S-15	8.14.25	C	10	<0.019	<0.037	<0.037	<0.074	ND	<3.7	<9.7	<49	ND	<60
S-16	8.14.25	C	0 to 10	<0.021	<0.042	<0.042	<0.084	ND	<4.2	<9.8	<49	ND	<60
S-17	8.19.25	C	0 to 12	<0.019	<0.039	<0.039	<0.077	ND	<3.9	<9.8	<49	ND	<50
S-18	8.19.25	C	12	<0.017	<0.034	<0.034	<0.068	ND	<3.4	<9.4	<47	ND	<51
S-19	8.19.25	C	12	<0.022	<0.045	<0.045	<0.089	ND	<4.5	<9.8	<49	ND	<49
S-20	8.19.25	C	0 to 12	<0.020	<0.039	<0.039	<0.079	ND	<3.9	<9.7	<48	ND	<50
S-21	8.19.25	C	0 to 12	<0.022	<0.044	<0.044	<0.087	ND	<4.4	<9.7	<49	ND	56
S-22	8.19.25	C	0 to 12	<0.020	<0.039	<0.039	<0.078	ND	<3.9	<9.5	<48	ND	<50
Backfill Composite Soil Sample													
BF-1	7.30.25	C	BF	<0.017	<0.035	<0.035	<0.070	ND	<3.5	<9.2	<46	ND	<60

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

ENSOLUM

TABLE 1
Lateral 6K-4
SOIL ANALYTICAL SUMMARY

Sample I.D.	Date	Sample Type C- Composite G - Grab	Sample Depth (feet)	Benzene (mg/kg)	Ethylbenzene (mg/kg)	Toluene (mg/kg)	Xylenes (mg/kg)	Total BTEX[1] (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total Combined TPH (GRO/DRO/MRO)[1] (mg/kg)	Chloride (mg/kg)
New Mexico Energy, Mineral & Natural Resources Department Oil Conservation Division Closure Criteria (Tier I)				10	NE	NE	NE	50	NE	NE	NE	100	600

[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

DRO = Diesel Range Organics

MRO = Motor Oil/Lube Oil Range Organics

BF = Backfill sample

ENSOLUM

APPENDIX G

Laboratory Data Sheets & Chain of Custody Documentation

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/1/2025 1:50:10 PM

JOB DESCRIPTION

Lateral 6K-4

JOB NUMBER

885-29955-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

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

Authorization

Generated
8/1/2025 1:50:10 PM

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

Client: Ensolum
Project/Site: Lateral 6K-4

Laboratory Job ID: 885-29955-1

Table of Contents

Definitions/Glossary

Client: Ensolum Job ID: 885-29955-1
Project/Site: Lateral 6K-4

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits

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 6K-4

Job ID: 885-29955-1

Job ID: 885-29955-1 Eurofins Albuquerque

Job Narrative
885-29955-1

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

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

Receipt
The samples were received on 7/31/2025 7:32 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 2.1°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
Method 8015D_DRO: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 885-31265 and analytical batch 885-31264 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

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.

Client Sample Results

Client: Ensolum
Project/Site: Lateral 6K-4

Job ID: 885-29955-1

Client Sample ID: S-1

Date Collected: 07/30/25 13:30
Date Received: 07/31/25 07:32

Lab Sample ID: 885-29955-1

Matrix: Solid

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		5.2		mg/Kg		07/31/25 09:17	07/31/25 12:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*07/31/25 09:17*	*07/31/25 12:43*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.026		mg/Kg		07/31/25 09:17	07/31/25 12:43	1
Ethylbenzene	ND		0.052		mg/Kg		07/31/25 09:17	07/31/25 12:43	1
Toluene	ND		0.052		mg/Kg		07/31/25 09:17	07/31/25 12:43	1
Xylenes, Total	ND		0.10		mg/Kg		07/31/25 09:17	07/31/25 12:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*07/31/25 09:17*	*07/31/25 12:43*	*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]	**38**		9.9		mg/Kg		07/31/25 09:15	07/31/25 11:56	1
Motor Oil Range Organics [C28-C40]	**100**		50		mg/Kg		07/31/25 09:15	07/31/25 11:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*110*		*62 - 134*	*07/31/25 09:15*	*07/31/25 11:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**140**		60		mg/Kg		07/31/25 10:18	07/31/25 12:11	20

Client Sample Results

Client: Ensolum
Project/Site: Lateral 6K-4

Job ID: 885-29955-1

Client Sample ID: S-2

Date Collected: 07/30/25 13:35
Date Received: 07/31/25 07:32

Lab Sample ID: 885-29955-2

Matrix: Solid

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		07/31/25 09:17	07/31/25 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*07/31/25 09:17*	*07/31/25 13:07*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019		mg/Kg		07/31/25 09:17	07/31/25 13:07	1
Ethylbenzene	ND		0.037		mg/Kg		07/31/25 09:17	07/31/25 13:07	1
Toluene	ND		0.037		mg/Kg		07/31/25 09:17	07/31/25 13:07	1
Xylenes, Total	ND		0.074		mg/Kg		07/31/25 09:17	07/31/25 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*07/31/25 09:17*	*07/31/25 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]	**16**		9.5		mg/Kg		07/31/25 09:15	07/31/25 12:07	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		07/31/25 09:15	07/31/25 12:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*114*		*62 - 134*	*07/31/25 09:15*	*07/31/25 12:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		07/31/25 10:18	07/31/25 12:22	20

Client Sample Results

Client: Ensolum
Project/Site: Lateral 6K-4

Job ID: 885-29955-1

Client Sample ID: S-3

Date Collected: 07/30/25 13:40
Date Received: 07/31/25 07:32

Lab Sample ID: 885-29955-3

Matrix: Solid

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		07/31/25 09:17	07/31/25 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*07/31/25 09:17*	*07/31/25 13:30*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021		mg/Kg		07/31/25 09:17	07/31/25 13:30	1
Ethylbenzene	ND		0.042		mg/Kg		07/31/25 09:17	07/31/25 13:30	1
Toluene	ND		0.042		mg/Kg		07/31/25 09:17	07/31/25 13:30	1
Xylenes, Total	ND		0.083		mg/Kg		07/31/25 09:17	07/31/25 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*07/31/25 09:17*	*07/31/25 13:30*	*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		07/31/25 09:15	07/31/25 12:18	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		07/31/25 09:15	07/31/25 12:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*113*		*62 - 134*	*07/31/25 09:15*	*07/31/25 12:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**70**		60		mg/Kg		07/31/25 10:18	07/31/25 12:32	20

Client Sample Results

Client: Ensolum
Project/Site: Lateral 6K-4

Job ID: 885-29955-1

Client Sample ID: S-4

Date Collected: 07/30/25 13:45
Date Received: 07/31/25 07:32

Lab Sample ID: 885-29955-4

Matrix: Solid

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		4.7		mg/Kg		07/31/25 09:17	07/31/25 13:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*07/31/25 09:17*	*07/31/25 13:54*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		07/31/25 09:17	07/31/25 13:54	1
Ethylbenzene	ND		0.047		mg/Kg		07/31/25 09:17	07/31/25 13:54	1
Toluene	ND		0.047		mg/Kg		07/31/25 09:17	07/31/25 13:54	1
Xylenes, Total	ND		0.094		mg/Kg		07/31/25 09:17	07/31/25 13:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*07/31/25 09:17*	*07/31/25 13:54*	*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]	**16**		9.7		mg/Kg		07/31/25 09:15	07/31/25 11:26	1
Motor Oil Range Organics [C28-C40]	**140**		48		mg/Kg		07/31/25 09:15	07/31/25 11:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*07/31/25 09:15*	*07/31/25 11:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		07/31/25 10:18	07/31/25 12:42	20

Client Sample Results

Client: Ensolum
Project/Site: Lateral 6K-4

Job ID: 885-29955-1

Client Sample ID: S-5

Date Collected: 07/30/25 13:50
Date Received: 07/31/25 07:32

Lab Sample ID: 885-29955-5

Matrix: Solid

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		3.8		mg/Kg		07/31/25 09:17	07/31/25 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*07/31/25 09:17*	*07/31/25 14:17*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019		mg/Kg		07/31/25 09:17	07/31/25 14:17	1
Ethylbenzene	ND		0.038		mg/Kg		07/31/25 09:17	07/31/25 14:17	1
Toluene	ND		0.038		mg/Kg		07/31/25 09:17	07/31/25 14:17	1
Xylenes, Total	ND		0.077		mg/Kg		07/31/25 09:17	07/31/25 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*07/31/25 09:17*	*07/31/25 14:17*	*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		9.9		mg/Kg		07/31/25 09:15	07/31/25 11:38	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		07/31/25 09:15	07/31/25 11:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*104*		*62 - 134*	*07/31/25 09:15*	*07/31/25 11:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**73**		60		mg/Kg		07/31/25 10:18	07/31/25 12:53	20

Client Sample Results

Client: Ensolum
Project/Site: Lateral 6K-4

Job ID: 885-29955-1

Client Sample ID: BF-1

Date Collected: 07/30/25 13:55
Date Received: 07/31/25 07:32

Lab Sample ID: 885-29955-6

Matrix: Solid

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		07/31/25 09:17	07/31/25 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*07/31/25 09:17*	*07/31/25 14:41*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.017		mg/Kg		07/31/25 09:17	07/31/25 14:41	1
Ethylbenzene	ND		0.035		mg/Kg		07/31/25 09:17	07/31/25 14:41	1
Toluene	ND		0.035		mg/Kg		07/31/25 09:17	07/31/25 14:41	1
Xylenes, Total	ND		0.070		mg/Kg		07/31/25 09:17	07/31/25 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*07/31/25 09:17*	*07/31/25 14:41*	*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	F2	9.2		mg/Kg		07/31/25 09:15	07/31/25 11:50	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		07/31/25 09:15	07/31/25 11:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*07/31/25 09:15*	*07/31/25 11:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		07/31/25 10:18	07/31/25 13:03	20

QC Sample Results

Client: Ensolum
Project/Site: Lateral 6K-4

Job ID: 885-29955-1

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

Lab Sample ID: MB 885-31266/1-A
Matrix: Solid
Analysis Batch: 31277

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31266

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		07/31/25 09:17	07/31/25 12:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*07/31/25 09:17*	*07/31/25 12:20*	*1*

Lab Sample ID: LCS 885-31266/2-A
Matrix: Solid
Analysis Batch: 31277

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31266

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	25.7		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*192*		*15 - 150*

Lab Sample ID: 885-29955-1 MS
Matrix: Solid
Analysis Batch: 31277

Client Sample ID: S-1
Prep Type: Total/NA
Prep Batch: 31266

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]	ND		25.8	24.0		mg/Kg		93	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*188*		*15 - 150*

Lab Sample ID: 885-29955-1 MSD
Matrix: Solid
Analysis Batch: 31277

Client Sample ID: S-1
Prep Type: Total/NA
Prep Batch: 31266

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		25.8	24.8		mg/Kg		96	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*190*		*15 - 150*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-31266/1-A
Matrix: Solid
Analysis Batch: 31278

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31266

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		07/31/25 09:17	07/31/25 12:20	1
Ethylbenzene	ND		0.050		mg/Kg		07/31/25 09:17	07/31/25 12:20	1
Toluene	ND		0.050		mg/Kg		07/31/25 09:17	07/31/25 12:20	1

QC Sample Results

Client: Ensolum
Project/Site: Lateral 6K-4

Job ID: 885-29955-1

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

Lab Sample ID: MB 885-31266/1-A
Matrix: Solid
Analysis Batch: 31278

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31266

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10		mg/Kg		07/31/25 09:17	07/31/25 12:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*	*07/31/25 09:17*	*07/31/25 12:20*	*1*

Lab Sample ID: LCS 885-31266/3-A
Matrix: Solid
Analysis Batch: 31278

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31266

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.915		mg/Kg		91	70 - 130		
Ethylbenzene			1.00	0.892		mg/Kg		89	70 - 130		
Toluene			1.00	0.897		mg/Kg		90	70 - 130		
Xylenes, Total			3.00	2.82		mg/Kg		94	70 - 130		

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

Lab Sample ID: 885-29955-2 MS
Matrix: Solid
Analysis Batch: 31278

Client Sample ID: S-2
Prep Type: Total/NA
Prep Batch: 31266

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.741	0.598		mg/Kg		81	70 - 130		
Ethylbenzene	ND		0.741	0.623		mg/Kg		84	70 - 130		
Toluene	ND		0.741	0.622		mg/Kg		84	70 - 130		
Xylenes, Total	ND		2.22	1.94		mg/Kg		87	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*

Lab Sample ID: 885-29955-2 MSD
Matrix: Solid
Analysis Batch: 31278

Client Sample ID: S-2
Prep Type: Total/NA
Prep Batch: 31266

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.741	0.587		mg/Kg		79	70 - 130	2	20
Ethylbenzene	ND		0.741	0.622		mg/Kg		84	70 - 130	0	20
Toluene	ND		0.741	0.602		mg/Kg		81	70 - 130	3	20
Xylenes, Total	ND		2.22	1.97		mg/Kg		88	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*

QC Sample Results

Client: Ensolum
Project/Site: Lateral 6K-4

Job ID: 885-29955-1

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

Lab Sample ID: MB 885-31265/1-A
Matrix: Solid
Analysis Batch: 31258

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31265

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		07/31/25 09:15	07/31/25 11:35	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		07/31/25 09:15	07/31/25 11:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*107*		*62 - 134*	*07/31/25 09:15*	*07/31/25 11:35*	*1*

Lab Sample ID: LCS 885-31265/2-A
Matrix: Solid
Analysis Batch: 31258

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31265

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	38.9		mg/Kg		78	51 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*86*		*62 - 134*

Lab Sample ID: 885-29955-6 MS
Matrix: Solid
Analysis Batch: 31264

Client Sample ID: BF-1
Prep Type: Total/NA
Prep Batch: 31265

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND	F2	49.7	45.2		mg/Kg		91	44 - 136		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*85*		*62 - 134*

Lab Sample ID: 885-29955-6 MSD
Matrix: Solid
Analysis Batch: 31264

Client Sample ID: BF-1
Prep Type: Total/NA
Prep Batch: 31265

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	F2	45.6	32.4	F2	mg/Kg		71	44 - 136	33	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-31271/1-A
Matrix: Solid
Analysis Batch: 31275

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31271

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5		mg/Kg		07/31/25 10:18	07/31/25 11:39	1

QC Sample Results

Client: Ensolum
Project/Site: Lateral 6K-4

Job ID: 885-29955-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-31271/2-A
Matrix: Solid
Analysis Batch: 31275

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31271

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			15.0	14.7		mg/Kg		98	90 - 110		

Lab Sample ID: 885-29955-6 MS
Matrix: Solid
Analysis Batch: 31275

Client Sample ID: BF-1
Prep Type: Total/NA
Prep Batch: 31271

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	ND		30.2	71.8		mg/Kg		NC	50 - 150		

Lab Sample ID: 885-29955-6 MSD
Matrix: Solid
Analysis Batch: 31275

Client Sample ID: BF-1
Prep Type: Total/NA
Prep Batch: 31271

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		29.8	73.5		mg/Kg		NC	50 - 150	2	20

QC Association Summary

Client: Ensolum
Project/Site: Lateral 6K-4

Job ID: 885-29955-1

GC VOA

Prep Batch: 31266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29955-1	S-1	Total/NA	Solid	5035	
885-29955-2	S-2	Total/NA	Solid	5035	
885-29955-3	S-3	Total/NA	Solid	5035	
885-29955-4	S-4	Total/NA	Solid	5035	
885-29955-5	S-5	Total/NA	Solid	5035	
885-29955-6	BF-1	Total/NA	Solid	5035	
MB 885-31266/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-31266/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-31266/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-29955-1 MS	S-1	Total/NA	Solid	5035	
885-29955-1 MSD	S-1	Total/NA	Solid	5035	
885-29955-2 MS	S-2	Total/NA	Solid	5035	
885-29955-2 MSD	S-2	Total/NA	Solid	5035	

Analysis Batch: 31277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29955-1	S-1	Total/NA	Solid	8015M/D	31266
885-29955-2	S-2	Total/NA	Solid	8015M/D	31266
885-29955-3	S-3	Total/NA	Solid	8015M/D	31266
885-29955-4	S-4	Total/NA	Solid	8015M/D	31266
885-29955-5	S-5	Total/NA	Solid	8015M/D	31266
885-29955-6	BF-1	Total/NA	Solid	8015M/D	31266
MB 885-31266/1-A	Method Blank	Total/NA	Solid	8015M/D	31266
LCS 885-31266/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	31266
885-29955-1 MS	S-1	Total/NA	Solid	8015M/D	31266
885-29955-1 MSD	S-1	Total/NA	Solid	8015M/D	31266

Analysis Batch: 31278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29955-1	S-1	Total/NA	Solid	8021B	31266
885-29955-2	S-2	Total/NA	Solid	8021B	31266
885-29955-3	S-3	Total/NA	Solid	8021B	31266
885-29955-4	S-4	Total/NA	Solid	8021B	31266
885-29955-5	S-5	Total/NA	Solid	8021B	31266
885-29955-6	BF-1	Total/NA	Solid	8021B	31266
MB 885-31266/1-A	Method Blank	Total/NA	Solid	8021B	31266
LCS 885-31266/3-A	Lab Control Sample	Total/NA	Solid	8021B	31266
885-29955-2 MS	S-2	Total/NA	Solid	8021B	31266
885-29955-2 MSD	S-2	Total/NA	Solid	8021B	31266

GC Semi VOA

Analysis Batch: 31258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29955-1	S-1	Total/NA	Solid	8015M/D	31265
885-29955-2	S-2	Total/NA	Solid	8015M/D	31265
885-29955-3	S-3	Total/NA	Solid	8015M/D	31265
MB 885-31265/1-A	Method Blank	Total/NA	Solid	8015M/D	31265
LCS 885-31265/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	31265

QC Association Summary

Client: Ensolum
Project/Site: Lateral 6K-4

Job ID: 885-29955-1

GC Semi VOA

Analysis Batch: 31264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29955-4	S-4	Total/NA	Solid	8015M/D	31265
885-29955-5	S-5	Total/NA	Solid	8015M/D	31265
885-29955-6	BF-1	Total/NA	Solid	8015M/D	31265
885-29955-6 MS	BF-1	Total/NA	Solid	8015M/D	31265
885-29955-6 MSD	BF-1	Total/NA	Solid	8015M/D	31265

Prep Batch: 31265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29955-1	S-1	Total/NA	Solid	SHAKE	
885-29955-2	S-2	Total/NA	Solid	SHAKE	
885-29955-3	S-3	Total/NA	Solid	SHAKE	
885-29955-4	S-4	Total/NA	Solid	SHAKE	
885-29955-5	S-5	Total/NA	Solid	SHAKE	
885-29955-6	BF-1	Total/NA	Solid	SHAKE	
MB 885-31265/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-31265/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-29955-6 MS	BF-1	Total/NA	Solid	SHAKE	
885-29955-6 MSD	BF-1	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 31271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29955-1	S-1	Total/NA	Solid	300_Prep	
885-29955-2	S-2	Total/NA	Solid	300_Prep	
885-29955-3	S-3	Total/NA	Solid	300_Prep	
885-29955-4	S-4	Total/NA	Solid	300_Prep	
885-29955-5	S-5	Total/NA	Solid	300_Prep	
885-29955-6	BF-1	Total/NA	Solid	300_Prep	
MB 885-31271/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-31271/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-29955-6 MS	BF-1	Total/NA	Solid	300_Prep	
885-29955-6 MSD	BF-1	Total/NA	Solid	300_Prep	

Analysis Batch: 31275

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29955-1	S-1	Total/NA	Solid	300.0	31271
885-29955-2	S-2	Total/NA	Solid	300.0	31271
885-29955-3	S-3	Total/NA	Solid	300.0	31271
885-29955-4	S-4	Total/NA	Solid	300.0	31271
885-29955-5	S-5	Total/NA	Solid	300.0	31271
885-29955-6	BF-1	Total/NA	Solid	300.0	31271
MB 885-31271/1-A	Method Blank	Total/NA	Solid	300.0	31271
LCS 885-31271/2-A	Lab Control Sample	Total/NA	Solid	300.0	31271
885-29955-6 MS	BF-1	Total/NA	Solid	300.0	31271
885-29955-6 MSD	BF-1	Total/NA	Solid	300.0	31271

Lab Chronicle

Client: Ensolum
Job ID: 885-29955-1
Project/Site: Lateral 6K-4

Client Sample ID: S-1
Lab Sample ID: 885-29955-1
Date Collected: 07/30/25 13:30
Matrix: Solid
Date Received: 07/31/25 07:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			31266	AT	EET ALB	07/31/25 09:17
Total/NA	Analysis	8015M/D		1	31277	AT	EET ALB	07/31/25 12:43
Total/NA	Prep	5035			31266	AT	EET ALB	07/31/25 09:17
Total/NA	Analysis	8021B		1	31278	AT	EET ALB	07/31/25 12:43
Total/NA	Prep	SHAKE			31265	DR	EET ALB	07/31/25 09:15
Total/NA	Analysis	8015M/D		1	31258	EM	EET ALB	07/31/25 11:56
Total/NA	Prep	300_Prep			31271	RC	EET ALB	07/31/25 10:18
Total/NA	Analysis	300.0		20	31275	RC	EET ALB	07/31/25 12:11

Client Sample ID: S-2
Lab Sample ID: 885-29955-2
Date Collected: 07/30/25 13:35
Matrix: Solid
Date Received: 07/31/25 07:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			31266	AT	EET ALB	07/31/25 09:17
Total/NA	Analysis	8015M/D		1	31277	AT	EET ALB	07/31/25 13:07
Total/NA	Prep	5035			31266	AT	EET ALB	07/31/25 09:17
Total/NA	Analysis	8021B		1	31278	AT	EET ALB	07/31/25 13:07
Total/NA	Prep	SHAKE			31265	DR	EET ALB	07/31/25 09:15
Total/NA	Analysis	8015M/D		1	31258	EM	EET ALB	07/31/25 12:07
Total/NA	Prep	300_Prep			31271	RC	EET ALB	07/31/25 10:18
Total/NA	Analysis	300.0		20	31275	RC	EET ALB	07/31/25 12:22

Client Sample ID: S-3
Lab Sample ID: 885-29955-3
Date Collected: 07/30/25 13:40
Matrix: Solid
Date Received: 07/31/25 07:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			31266	AT	EET ALB	07/31/25 09:17
Total/NA	Analysis	8015M/D		1	31277	AT	EET ALB	07/31/25 13:30
Total/NA	Prep	5035			31266	AT	EET ALB	07/31/25 09:17
Total/NA	Analysis	8021B		1	31278	AT	EET ALB	07/31/25 13:30
Total/NA	Prep	SHAKE			31265	DR	EET ALB	07/31/25 09:15
Total/NA	Analysis	8015M/D		1	31258	EM	EET ALB	07/31/25 12:18
Total/NA	Prep	300_Prep			31271	RC	EET ALB	07/31/25 10:18
Total/NA	Analysis	300.0		20	31275	RC	EET ALB	07/31/25 12:32

Client Sample ID: S-4
Lab Sample ID: 885-29955-4
Date Collected: 07/30/25 13:45
Matrix: Solid
Date Received: 07/31/25 07:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			31266	AT	EET ALB	07/31/25 09:17
Total/NA	Analysis	8015M/D		1	31277	AT	EET ALB	07/31/25 13:54

Lab Chronicle

Client: Ensolum
Job ID: 885-29955-1
Project/Site: Lateral 6K-4

Client Sample ID: S-4
Lab Sample ID: 885-29955-4
Date Collected: 07/30/25 13:45
Matrix: Solid
Date Received: 07/31/25 07:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			31266	AT	EET ALB	07/31/25 09:17
Total/NA	Analysis	8021B		1	31278	AT	EET ALB	07/31/25 13:54
Total/NA	Prep	SHAKE			31265	DR	EET ALB	07/31/25 09:15
Total/NA	Analysis	8015M/D		1	31264	EM	EET ALB	07/31/25 11:26
Total/NA	Prep	300_Prep			31271	RC	EET ALB	07/31/25 10:18
Total/NA	Analysis	300.0		20	31275	RC	EET ALB	07/31/25 12:42

Client Sample ID: S-5
Lab Sample ID: 885-29955-5
Date Collected: 07/30/25 13:50
Matrix: Solid
Date Received: 07/31/25 07:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			31266	AT	EET ALB	07/31/25 09:17
Total/NA	Analysis	8015M/D		1	31277	AT	EET ALB	07/31/25 14:17
Total/NA	Prep	5035			31266	AT	EET ALB	07/31/25 09:17
Total/NA	Analysis	8021B		1	31278	AT	EET ALB	07/31/25 14:17
Total/NA	Prep	SHAKE			31265	DR	EET ALB	07/31/25 09:15
Total/NA	Analysis	8015M/D		1	31264	EM	EET ALB	07/31/25 11:38
Total/NA	Prep	300_Prep			31271	RC	EET ALB	07/31/25 10:18
Total/NA	Analysis	300.0		20	31275	RC	EET ALB	07/31/25 12:53

Client Sample ID: BF-1
Lab Sample ID: 885-29955-6
Date Collected: 07/30/25 13:55
Matrix: Solid
Date Received: 07/31/25 07:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			31266	AT	EET ALB	07/31/25 09:17
Total/NA	Analysis	8015M/D		1	31277	AT	EET ALB	07/31/25 14:41
Total/NA	Prep	5035			31266	AT	EET ALB	07/31/25 09:17
Total/NA	Analysis	8021B		1	31278	AT	EET ALB	07/31/25 14:41
Total/NA	Prep	SHAKE			31265	DR	EET ALB	07/31/25 09:15
Total/NA	Analysis	8015M/D		1	31264	EM	EET ALB	07/31/25 11:50
Total/NA	Prep	300_Prep			31271	RC	EET ALB	07/31/25 10:18
Total/NA	Analysis	300.0		20	31275	RC	EET ALB	07/31/25 13:03

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum
Job ID: 885-29955-1
Project/Site: Lateral 6K-4

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-26

Chain-of-Custody Record

Client: Ensolum LLC

Mailing Address: 606 S Rio Grande Suit A 87410

Phone #:

email or Fax#: cdaponti@ensolum.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 100%
☐ Standard ☑ Rush 7-31-25

Project Name: Lateral 64-4

Project #:

Project Manager: K Summers

Sampler: C Daponti

On Ice: ☑ Yes ☐ No

# of Coolers: 1 Abby

Cooler Temp (including CF): 7.3-0.2=7.1 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107
885-29955 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / ~~MTBE~~ / ~~TMB~~'s (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, ~~F~~, ~~Br~~, ~~NO3~~, ~~PO4~~, ~~SO4~~	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7/30/25	1330	S	S-1	4oz Jar	Cool		✓	✓					✓			
	1335	S	S-2				✓	✓					✓			
	1340	S	S-3				✓	✓					✓			
	1345	S	S-4				✓	✓					✓			
	1350	S	S-5				✓	✓					✓			
	1355	S	BF-1				✓	✓					✓			

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
7/30/25	1445				7/30/25	1445
7/30/25	1730			courier	7/31/25	7:10

Remarks: Tom Long
AM140578
Safe Day

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.

Login Sample Receipt Checklist

Client: Ensolum Job Number: 885-29955-1

Login Number: 29955 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

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	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/13/2025 4:20:58 PM

JOB DESCRIPTION

Lat 6K-4

JOB NUMBER

885-30714-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

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

Authorization

Generated
8/13/2025 4:20:58 PM

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

Client: Ensolum
Project/Site: Lat 6K-4

Laboratory Job ID: 885-30714-1

Table of Contents

Definitions/Glossary

Client: Ensolum Job ID: 885-30714-1
Project/Site: Lat 6K-4

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
S1-	Surrogate recovery exceeds control limits, low biased.

HPLC/IC

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

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: Lat 6K-4

Job ID: 885-30714-1

Job ID: 885-30714-1 Eurofins Albuquerque

Job Narrative
885-30714-1

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

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

Receipt
The samples were received on 8/12/2025 7:15 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 3.2°C.

Gasoline Range Organics
Method 8015D_GRO: Surrogate recovery for the following samples were outside control limits: S-11 (885-30714-6) and S-14 (885-30714-9). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

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

Diesel Range Organics
Method 8015D_DRO: The following sample required a dilution due to the nature of the sample matrix: S-7 (885-30714-2). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

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.

Client Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-30714-1

Client Sample ID: S-6

Date Collected: 08/11/25 11:10
Date Received: 08/12/25 07:15

Lab Sample ID: 885-30714-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**7.5**		3.7		mg/Kg		08/12/25 09:14	08/12/25 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*		*15 - 150*	*08/12/25 09:14*	*08/12/25 13:32*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019		mg/Kg		08/12/25 09:14	08/12/25 13:32	1
Ethylbenzene	**0.047**		0.037		mg/Kg		08/12/25 09:14	08/12/25 13:32	1
Toluene	**0.062**		0.037		mg/Kg		08/12/25 09:14	08/12/25 13:32	1
Xylenes, Total	**0.67**		0.075		mg/Kg		08/12/25 09:14	08/12/25 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*15 - 150*	*08/12/25 09:14*	*08/12/25 13:32*	*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]	**17**		9.5		mg/Kg		08/12/25 09:56	08/12/25 11:48	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/12/25 09:56	08/12/25 11:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*08/12/25 09:56*	*08/12/25 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		08/12/25 10:26	08/12/25 13:15	20

Client Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-30714-1

Client Sample ID: S-7

Date Collected: 08/11/25 11:20
Date Received: 08/12/25 07:15

Lab Sample ID: 885-30714-2

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	610		42		mg/Kg		08/12/25 09:14	08/12/25 15:43	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*15 - 150*	*08/12/25 09:14*	*08/12/25 15:43*	*10*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.3		0.21		mg/Kg		08/12/25 09:14	08/12/25 15:43	10
Ethylbenzene	2.1		0.42		mg/Kg		08/12/25 09:14	08/12/25 15:43	10
Toluene	20		0.42		mg/Kg		08/12/25 09:14	08/12/25 15:43	10
Xylenes, Total	29		0.83		mg/Kg		08/12/25 09:14	08/12/25 15:43	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*08/12/25 09:14*	*08/12/25 15:43*	*10*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1000		93		mg/Kg		08/12/25 09:56	08/12/25 15:57	10
Motor Oil Range Organics [C28-C40]	5500		460		mg/Kg		08/12/25 09:56	08/12/25 15:57	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*D S1-*	*62 - 134*	*08/12/25 09:56*	*08/12/25 15:57*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/12/25 10:26	08/12/25 13:25	20

Client Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-30714-1

Client Sample ID: S-8

Date Collected: 08/11/25 11:30
Date Received: 08/12/25 07:15

Lab Sample ID: 885-30714-3

Matrix: Solid

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		08/12/25 09:14	08/12/25 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*	*08/12/25 09:14*	*08/12/25 16:06*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021		mg/Kg		08/12/25 09:14	08/12/25 16:06	1
Ethylbenzene	ND		0.042		mg/Kg		08/12/25 09:14	08/12/25 16:06	1
Toluene	ND		0.042		mg/Kg		08/12/25 09:14	08/12/25 16:06	1
Xylenes, Total	ND		0.084		mg/Kg		08/12/25 09:14	08/12/25 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*08/12/25 09:14*	*08/12/25 16:06*	*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		08/12/25 09:56	08/12/25 15:45	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/12/25 09:56	08/12/25 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*117*		*62 - 134*	*08/12/25 09:56*	*08/12/25 15:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**84**		60		mg/Kg		08/12/25 10:26	08/12/25 13:36	20

Client Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-30714-1

Client Sample ID: S-9

Date Collected: 08/11/25 11:40
Date Received: 08/12/25 07:15

Lab Sample ID: 885-30714-4

Matrix: Solid

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		3.9		mg/Kg		08/12/25 09:14	08/12/25 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*15 - 150*	*08/12/25 09:14*	*08/12/25 14:38*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019		mg/Kg		08/12/25 09:14	08/12/25 14:38	1
Ethylbenzene	ND		0.039		mg/Kg		08/12/25 09:14	08/12/25 14:38	1
Toluene	**0.055**		0.039		mg/Kg		08/12/25 09:14	08/12/25 14:38	1
Xylenes, Total	**0.18**		0.077		mg/Kg		08/12/25 09:14	08/12/25 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*15 - 150*	*08/12/25 09:14*	*08/12/25 14:38*	*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]	**11**		9.8		mg/Kg		08/12/25 09:56	08/12/25 13:22	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/12/25 09:56	08/12/25 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*08/12/25 09:56*	*08/12/25 13:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		60		mg/Kg		08/12/25 10:26	08/12/25 13:46	20

Client Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-30714-1

Client Sample ID: S-10

Date Collected: 08/11/25 11:50
Date Received: 08/12/25 07:15

Lab Sample ID: 885-30714-5

Matrix: Solid

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		08/12/25 09:14	08/12/25 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*08/12/25 09:14*	*08/12/25 17:10*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020		mg/Kg		08/12/25 09:14	08/12/25 17:10	1
Ethylbenzene	ND		0.040		mg/Kg		08/12/25 09:14	08/12/25 17:10	1
Toluene	ND		0.040		mg/Kg		08/12/25 09:14	08/12/25 17:10	1
Xylenes, Total	ND		0.079		mg/Kg		08/12/25 09:14	08/12/25 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*08/12/25 09:14*	*08/12/25 17:10*	*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		08/12/25 09:56	08/12/25 12:30	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/12/25 09:56	08/12/25 12:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*120*		*62 - 134*	*08/12/25 09:56*	*08/12/25 12:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**130**		60		mg/Kg		08/12/25 10:26	08/12/25 13:56	20

Client Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-30714-1

Client Sample ID: S-11

Date Collected: 08/11/25 12:00
Date Received: 08/12/25 07:15

Lab Sample ID: 885-30714-6

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	40		4.1		mg/Kg		08/12/25 09:14	08/12/25 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*180*	*S1+*	*15 - 150*	*08/12/25 09:14*	*08/12/25 15:43*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.022		0.021		mg/Kg		08/12/25 09:14	08/12/25 15:43	1
Ethylbenzene	0.20		0.041		mg/Kg		08/12/25 09:14	08/12/25 15:43	1
Toluene	0.86		0.041		mg/Kg		08/12/25 09:14	08/12/25 15:43	1
Xylenes, Total	2.6		0.082		mg/Kg		08/12/25 09:14	08/12/25 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*15 - 150*	*08/12/25 09:14*	*08/12/25 15:43*	*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]	11		9.9		mg/Kg		08/12/25 09:56	08/12/25 12:42	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/12/25 09:56	08/12/25 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*127*		*62 - 134*	*08/12/25 09:56*	*08/12/25 12:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		60		mg/Kg		08/12/25 10:26	08/12/25 14:07	20

Client Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-30714-1

Client Sample ID: S-12

Date Collected: 08/11/25 12:10
Date Received: 08/12/25 07:15

Lab Sample ID: 885-30714-7

Matrix: Solid

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		3.9		mg/Kg		08/12/25 09:14	08/12/25 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*08/12/25 09:14*	*08/12/25 16:05*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019		mg/Kg		08/12/25 09:14	08/12/25 16:05	1
Ethylbenzene	ND		0.039		mg/Kg		08/12/25 09:14	08/12/25 16:05	1
Toluene	ND		0.039		mg/Kg		08/12/25 09:14	08/12/25 16:05	1
Xylenes, Total	ND		0.077		mg/Kg		08/12/25 09:14	08/12/25 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*08/12/25 09:14*	*08/12/25 16:05*	*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		08/12/25 09:56	08/12/25 12:54	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/12/25 09:56	08/12/25 12:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*103*		*62 - 134*	*08/12/25 09:56*	*08/12/25 12:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**150**		60		mg/Kg		08/12/25 10:26	08/12/25 14:17	20

Client Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-30714-1

Client Sample ID: S-13

Date Collected: 08/11/25 12:30
Date Received: 08/12/25 07:15

Lab Sample ID: 885-30714-8

Matrix: Solid

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		08/12/25 09:14	08/12/25 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*	*08/12/25 09:14*	*08/12/25 16:27*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021		mg/Kg		08/12/25 09:14	08/12/25 16:27	1
Ethylbenzene	ND		0.042		mg/Kg		08/12/25 09:14	08/12/25 16:27	1
Toluene	ND		0.042		mg/Kg		08/12/25 09:14	08/12/25 16:27	1
Xylenes, Total	ND		0.083		mg/Kg		08/12/25 09:14	08/12/25 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*08/12/25 09:14*	*08/12/25 16:27*	*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]	**36**		10		mg/Kg		08/12/25 09:56	08/12/25 13:07	1
Motor Oil Range Organics [C28-C40]	**79**		50		mg/Kg		08/12/25 09:56	08/12/25 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*107*		*62 - 134*	*08/12/25 09:56*	*08/12/25 13:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**140**		60		mg/Kg		08/12/25 10:26	08/12/25 14:28	20

Client Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-30714-1

Client Sample ID: S-14

Date Collected: 08/11/25 12:50
Date Received: 08/12/25 07:15

Lab Sample ID: 885-30714-9

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	21		3.7		mg/Kg		08/12/25 09:14	08/12/25 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*183*	*S1+*	*15 - 150*	*08/12/25 09:14*	*08/12/25 16:49*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018		mg/Kg		08/12/25 09:14	08/12/25 16:49	1
Ethylbenzene	0.061		0.037		mg/Kg		08/12/25 09:14	08/12/25 16:49	1
Toluene	0.054		0.037		mg/Kg		08/12/25 09:14	08/12/25 16:49	1
Xylenes, Total	0.46		0.073		mg/Kg		08/12/25 09:14	08/12/25 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*15 - 150*	*08/12/25 09:14*	*08/12/25 16:49*	*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]	40		10		mg/Kg		08/12/25 09:56	08/12/25 13:19	1
Motor Oil Range Organics [C28-C40]	68		50		mg/Kg		08/12/25 09:56	08/12/25 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*106*		*62 - 134*	*08/12/25 09:56*	*08/12/25 13:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/12/25 10:26	08/12/25 14:38	20

QC Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-30714-1

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

Lab Sample ID: MB 885-32064/1-A
Matrix: Solid
Analysis Batch: 32158

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32064

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/12/25 07:00	08/12/25 09:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*08/12/25 07:00*	*08/12/25 09:47*	*1*

Lab Sample ID: MB 885-32064/1-A
Matrix: Solid
Analysis Batch: 32130

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32064

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/12/25 07:00	08/12/25 10:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*	*08/12/25 07:00*	*08/12/25 10:55*	*1*

Lab Sample ID: LCS 885-32064/2-A
Matrix: Solid
Analysis Batch: 32158

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32064

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	19.7		mg/Kg		79	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*186*		*15 - 150*

Lab Sample ID: LCS 885-32064/2-A
Matrix: Solid
Analysis Batch: 32130

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32064

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	21.5		mg/Kg		86	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*210*		*15 - 150*

Lab Sample ID: 885-30714-1 MS
Matrix: Solid
Analysis Batch: 32130

Client Sample ID: S-6
Prep Type: Total/NA
Prep Batch: 32064

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]	7.5		18.7	24.3		mg/Kg		89	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*226*		*15 - 150*

QC Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-30714-1

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

Lab Sample ID: 885-30714-1 MSD
Matrix: Solid
Analysis Batch: 32130

Client Sample ID: S-6
Prep Type: Total/NA
Prep Batch: 32064

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	7.5		18.7	23.4		mg/Kg		85	70 - 130	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*225*		*15 - 150*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-32064/1-A
Matrix: Solid
Analysis Batch: 32157

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32064

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/12/25 07:00	08/12/25 09:47	1
Ethylbenzene	ND		0.050		mg/Kg		08/12/25 07:00	08/12/25 09:47	1
Toluene	ND		0.050		mg/Kg		08/12/25 07:00	08/12/25 09:47	1
Xylenes, Total	ND		0.10		mg/Kg		08/12/25 07:00	08/12/25 09:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*08/12/25 07:00*	*08/12/25 09:47*	*1*

Lab Sample ID: MB 885-32064/1-A
Matrix: Solid
Analysis Batch: 32129

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32064

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/12/25 07:00	08/12/25 10:55	1
Ethylbenzene	ND		0.050		mg/Kg		08/12/25 07:00	08/12/25 10:55	1
Toluene	ND		0.050		mg/Kg		08/12/25 07:00	08/12/25 10:55	1
Xylenes, Total	ND		0.10		mg/Kg		08/12/25 07:00	08/12/25 10:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*	*08/12/25 07:00*	*08/12/25 10:55*	*1*

Lab Sample ID: LCS 885-32064/3-A
Matrix: Solid
Analysis Batch: 32157

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32064

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.874		mg/Kg		87	70 - 130		
Ethylbenzene			1.00	0.872		mg/Kg		87	70 - 130		
Toluene			1.00	0.867		mg/Kg		87	70 - 130		
Xylenes, Total			3.00	2.67		mg/Kg		89	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*

QC Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-30714-1

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

Lab Sample ID: LCS 885-32064/3-A
Matrix: Solid
Analysis Batch: 32129

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32064

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	1.02		mg/Kg		102	70 - 130
Ethylbenzene	1.00	1.01		mg/Kg		101	70 - 130
Toluene	1.00	1.00		mg/Kg		100	70 - 130
Xylenes, Total	3.00	3.05		mg/Kg		102	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*15 - 150*

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

Lab Sample ID: MB 885-32089/1-A
Matrix: Solid
Analysis Batch: 32066

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32089

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		08/12/25 09:55	08/12/25 11:17	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		08/12/25 09:55	08/12/25 11:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*106*		*62 - 134*	*08/12/25 09:55*	*08/12/25 11:17*	*1*

Lab Sample ID: LCS 885-32089/2-A
Matrix: Solid
Analysis Batch: 32066

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32089

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	50.7		mg/Kg		101	51 - 148

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*110*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-32093/1-A
Matrix: Solid
Analysis Batch: 32092

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32093

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5	mg/Kg		08/12/25 10:26	08/12/25 11:37	1

Lab Sample ID: LCS 885-32093/2-A
Matrix: Solid
Analysis Batch: 32092

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32093

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	15.0	14.9		mg/Kg		99	90 - 110

QC Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-30714-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 885-30714-8 MSD
Matrix: Solid
Analysis Batch: 32092

Client Sample ID: S-13
Prep Type: Total/NA
Prep Batch: 32093

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	140		29.9	170	4	mg/Kg		117	50 - 150	6	20

Lab Sample ID: 885-30714-9 MS
Matrix: Solid
Analysis Batch: 32092

Client Sample ID: S-14
Prep Type: Total/NA
Prep Batch: 32093

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	ND		30.0	74.1		mg/Kg		NC	50 - 150

Lab Sample ID: 885-30714-9 MSD
Matrix: Solid
Analysis Batch: 32092

Client Sample ID: S-14
Prep Type: Total/NA
Prep Batch: 32093

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		29.8	77.5		mg/Kg		NC	50 - 150	5	20

QC Association Summary

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-30714-1

GC VOA

Prep Batch: 32064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30714-1	S-6	Total/NA	Solid	5035	
885-30714-2	S-7	Total/NA	Solid	5035	
885-30714-3	S-8	Total/NA	Solid	5035	
885-30714-4	S-9	Total/NA	Solid	5035	
885-30714-5	S-10	Total/NA	Solid	5035	
885-30714-6	S-11	Total/NA	Solid	5035	
885-30714-7	S-12	Total/NA	Solid	5035	
885-30714-8	S-13	Total/NA	Solid	5035	
885-30714-9	S-14	Total/NA	Solid	5035	
MB 885-32064/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-32064/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-32064/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-30714-1 MS	S-6	Total/NA	Solid	5035	
885-30714-1 MSD	S-6	Total/NA	Solid	5035	

Analysis Batch: 32129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30714-1	S-6	Total/NA	Solid	8021B	32064
885-30714-4	S-9	Total/NA	Solid	8021B	32064
885-30714-5	S-10	Total/NA	Solid	8021B	32064
885-30714-6	S-11	Total/NA	Solid	8021B	32064
885-30714-7	S-12	Total/NA	Solid	8021B	32064
885-30714-8	S-13	Total/NA	Solid	8021B	32064
885-30714-9	S-14	Total/NA	Solid	8021B	32064
MB 885-32064/1-A	Method Blank	Total/NA	Solid	8021B	32064
LCS 885-32064/3-A	Lab Control Sample	Total/NA	Solid	8021B	32064

Analysis Batch: 32130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30714-1	S-6	Total/NA	Solid	8015M/D	32064
885-30714-4	S-9	Total/NA	Solid	8015M/D	32064
885-30714-5	S-10	Total/NA	Solid	8015M/D	32064
885-30714-6	S-11	Total/NA	Solid	8015M/D	32064
885-30714-7	S-12	Total/NA	Solid	8015M/D	32064
885-30714-8	S-13	Total/NA	Solid	8015M/D	32064
885-30714-9	S-14	Total/NA	Solid	8015M/D	32064
MB 885-32064/1-A	Method Blank	Total/NA	Solid	8015M/D	32064
LCS 885-32064/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	32064
885-30714-1 MS	S-6	Total/NA	Solid	8015M/D	32064
885-30714-1 MSD	S-6	Total/NA	Solid	8015M/D	32064

Analysis Batch: 32157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30714-2	S-7	Total/NA	Solid	8021B	32064
885-30714-3	S-8	Total/NA	Solid	8021B	32064
MB 885-32064/1-A	Method Blank	Total/NA	Solid	8021B	32064
LCS 885-32064/3-A	Lab Control Sample	Total/NA	Solid	8021B	32064

Analysis Batch: 32158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30714-2	S-7	Total/NA	Solid	8015M/D	32064

QC Association Summary

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-30714-1

GC VOA (Continued)

Analysis Batch: 32158 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30714-3	S-8	Total/NA	Solid	8015M/D	32064
MB 885-32064/1-A	Method Blank	Total/NA	Solid	8015M/D	32064
LCS 885-32064/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	32064

GC Semi VOA

Analysis Batch: 32066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30714-2	S-7	Total/NA	Solid	8015M/D	32089
885-30714-3	S-8	Total/NA	Solid	8015M/D	32089
885-30714-5	S-10	Total/NA	Solid	8015M/D	32089
885-30714-6	S-11	Total/NA	Solid	8015M/D	32089
885-30714-7	S-12	Total/NA	Solid	8015M/D	32089
885-30714-8	S-13	Total/NA	Solid	8015M/D	32089
885-30714-9	S-14	Total/NA	Solid	8015M/D	32089
MB 885-32089/1-A	Method Blank	Total/NA	Solid	8015M/D	32089
LCS 885-32089/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	32089

Prep Batch: 32089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30714-1	S-6	Total/NA	Solid	SHAKE	
885-30714-2	S-7	Total/NA	Solid	SHAKE	
885-30714-3	S-8	Total/NA	Solid	SHAKE	
885-30714-4	S-9	Total/NA	Solid	SHAKE	
885-30714-5	S-10	Total/NA	Solid	SHAKE	
885-30714-6	S-11	Total/NA	Solid	SHAKE	
885-30714-7	S-12	Total/NA	Solid	SHAKE	
885-30714-8	S-13	Total/NA	Solid	SHAKE	
885-30714-9	S-14	Total/NA	Solid	SHAKE	
MB 885-32089/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-32089/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 32099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30714-1	S-6	Total/NA	Solid	8015M/D	32089
885-30714-4	S-9	Total/NA	Solid	8015M/D	32089

HPLC/IC

Analysis Batch: 32092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30714-1	S-6	Total/NA	Solid	300.0	32093
885-30714-2	S-7	Total/NA	Solid	300.0	32093
885-30714-3	S-8	Total/NA	Solid	300.0	32093
885-30714-4	S-9	Total/NA	Solid	300.0	32093
885-30714-5	S-10	Total/NA	Solid	300.0	32093
885-30714-6	S-11	Total/NA	Solid	300.0	32093
885-30714-7	S-12	Total/NA	Solid	300.0	32093
885-30714-8	S-13	Total/NA	Solid	300.0	32093
885-30714-9	S-14	Total/NA	Solid	300.0	32093
MB 885-32093/1-A	Method Blank	Total/NA	Solid	300.0	32093
LCS 885-32093/2-A	Lab Control Sample	Total/NA	Solid	300.0	32093

QC Association Summary

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-30714-1

HPLC/IC (Continued)

Analysis Batch: 32092 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30714-8 MSD	S-13	Total/NA	Solid	300.0	32093
885-30714-9 MS	S-14	Total/NA	Solid	300.0	32093
885-30714-9 MSD	S-14	Total/NA	Solid	300.0	32093

Prep Batch: 32093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30714-1	S-6	Total/NA	Solid	300_Prep	
885-30714-2	S-7	Total/NA	Solid	300_Prep	
885-30714-3	S-8	Total/NA	Solid	300_Prep	
885-30714-4	S-9	Total/NA	Solid	300_Prep	
885-30714-5	S-10	Total/NA	Solid	300_Prep	
885-30714-6	S-11	Total/NA	Solid	300_Prep	
885-30714-7	S-12	Total/NA	Solid	300_Prep	
885-30714-8	S-13	Total/NA	Solid	300_Prep	
885-30714-9	S-14	Total/NA	Solid	300_Prep	
MB 885-32093/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-32093/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-30714-8 MSD	S-13	Total/NA	Solid	300_Prep	
885-30714-9 MS	S-14	Total/NA	Solid	300_Prep	
885-30714-9 MSD	S-14	Total/NA	Solid	300_Prep	

Lab Chronicle

Client: Ensolum
Job ID: 885-30714-1
Project/Site: Lat 6K-4

Client Sample ID: S-6
Lab Sample ID: 885-30714-1
Date Collected: 08/11/25 11:10
Matrix: Solid
Date Received: 08/12/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32064	JP	EET ALB	08/12/25 09:14
Total/NA	Analysis	8015M/D		1	32130	AT	EET ALB	08/12/25 13:32
Total/NA	Prep	5035			32064	JP	EET ALB	08/12/25 09:14
Total/NA	Analysis	8021B		1	32129	AT	EET ALB	08/12/25 13:32
Total/NA	Prep	SHAKE			32089	BZR	EET ALB	08/12/25 09:56
Total/NA	Analysis	8015M/D		1	32099	EM	EET ALB	08/12/25 11:48
Total/NA	Prep	300_Prep			32093	RC	EET ALB	08/12/25 10:26
Total/NA	Analysis	300.0		20	32092	RC	EET ALB	08/12/25 13:15

Client Sample ID: S-7
Lab Sample ID: 885-30714-2
Date Collected: 08/11/25 11:20
Matrix: Solid
Date Received: 08/12/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32064	JP	EET ALB	08/12/25 09:14
Total/NA	Analysis	8015M/D		10	32158	JP	EET ALB	08/12/25 15:43
Total/NA	Prep	5035			32064	JP	EET ALB	08/12/25 09:14
Total/NA	Analysis	8021B		10	32157	JP	EET ALB	08/12/25 15:43
Total/NA	Prep	SHAKE			32089	BZR	EET ALB	08/12/25 09:56
Total/NA	Analysis	8015M/D		10	32066	EM	EET ALB	08/12/25 15:57
Total/NA	Prep	300_Prep			32093	RC	EET ALB	08/12/25 10:26
Total/NA	Analysis	300.0		20	32092	RC	EET ALB	08/12/25 13:25

Client Sample ID: S-8
Lab Sample ID: 885-30714-3
Date Collected: 08/11/25 11:30
Matrix: Solid
Date Received: 08/12/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32064	JP	EET ALB	08/12/25 09:14
Total/NA	Analysis	8015M/D		1	32158	JP	EET ALB	08/12/25 16:06
Total/NA	Prep	5035			32064	JP	EET ALB	08/12/25 09:14
Total/NA	Analysis	8021B		1	32157	JP	EET ALB	08/12/25 16:06
Total/NA	Prep	SHAKE			32089	BZR	EET ALB	08/12/25 09:56
Total/NA	Analysis	8015M/D		1	32066	EM	EET ALB	08/12/25 15:45
Total/NA	Prep	300_Prep			32093	RC	EET ALB	08/12/25 10:26
Total/NA	Analysis	300.0		20	32092	RC	EET ALB	08/12/25 13:36

Client Sample ID: S-9
Lab Sample ID: 885-30714-4
Date Collected: 08/11/25 11:40
Matrix: Solid
Date Received: 08/12/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32064	JP	EET ALB	08/12/25 09:14
Total/NA	Analysis	8015M/D		1	32130	AT	EET ALB	08/12/25 14:38

Lab Chronicle

Client: Ensolum
Job ID: 885-30714-1
Project/Site: Lat 6K-4

Client Sample ID: S-9
Lab Sample ID: 885-30714-4
Date Collected: 08/11/25 11:40
Matrix: Solid
Date Received: 08/12/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32064	JP	EET ALB	08/12/25 09:14
Total/NA	Analysis	8021B		1	32129	AT	EET ALB	08/12/25 14:38
Total/NA	Prep	SHAKE			32089	BZR	EET ALB	08/12/25 09:56
Total/NA	Analysis	8015M/D		1	32099	EM	EET ALB	08/12/25 13:22
Total/NA	Prep	300_Prep			32093	RC	EET ALB	08/12/25 10:26
Total/NA	Analysis	300.0		20	32092	RC	EET ALB	08/12/25 13:46

Client Sample ID: S-10
Lab Sample ID: 885-30714-5
Date Collected: 08/11/25 11:50
Matrix: Solid
Date Received: 08/12/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32064	JP	EET ALB	08/12/25 09:14
Total/NA	Analysis	8015M/D		1	32130	AT	EET ALB	08/12/25 17:10
Total/NA	Prep	5035			32064	JP	EET ALB	08/12/25 09:14
Total/NA	Analysis	8021B		1	32129	AT	EET ALB	08/12/25 17:10
Total/NA	Prep	SHAKE			32089	BZR	EET ALB	08/12/25 09:56
Total/NA	Analysis	8015M/D		1	32066	EM	EET ALB	08/12/25 12:30
Total/NA	Prep	300_Prep			32093	RC	EET ALB	08/12/25 10:26
Total/NA	Analysis	300.0		20	32092	RC	EET ALB	08/12/25 13:56

Client Sample ID: S-11
Lab Sample ID: 885-30714-6
Date Collected: 08/11/25 12:00
Matrix: Solid
Date Received: 08/12/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32064	JP	EET ALB	08/12/25 09:14
Total/NA	Analysis	8015M/D		1	32130	AT	EET ALB	08/12/25 15:43
Total/NA	Prep	5035			32064	JP	EET ALB	08/12/25 09:14
Total/NA	Analysis	8021B		1	32129	AT	EET ALB	08/12/25 15:43
Total/NA	Prep	SHAKE			32089	BZR	EET ALB	08/12/25 09:56
Total/NA	Analysis	8015M/D		1	32066	EM	EET ALB	08/12/25 12:42
Total/NA	Prep	300_Prep			32093	RC	EET ALB	08/12/25 10:26
Total/NA	Analysis	300.0		20	32092	RC	EET ALB	08/12/25 14:07

Client Sample ID: S-12
Lab Sample ID: 885-30714-7
Date Collected: 08/11/25 12:10
Matrix: Solid
Date Received: 08/12/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32064	JP	EET ALB	08/12/25 09:14
Total/NA	Analysis	8015M/D		1	32130	AT	EET ALB	08/12/25 16:05
Total/NA	Prep	5035			32064	JP	EET ALB	08/12/25 09:14
Total/NA	Analysis	8021B		1	32129	AT	EET ALB	08/12/25 16:05

Lab Chronicle

Client: Ensolum
Job ID: 885-30714-1
Project/Site: Lat 6K-4

Client Sample ID: S-12
Lab Sample ID: 885-30714-7
Date Collected: 08/11/25 12:10
Matrix: Solid
Date Received: 08/12/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			32089	BZR	EET ALB	08/12/25 09:56
Total/NA	Analysis	8015M/D		1	32066	EM	EET ALB	08/12/25 12:54
Total/NA	Prep	300_Prep			32093	RC	EET ALB	08/12/25 10:26
Total/NA	Analysis	300.0		20	32092	RC	EET ALB	08/12/25 14:17

Client Sample ID: S-13
Lab Sample ID: 885-30714-8
Date Collected: 08/11/25 12:30
Matrix: Solid
Date Received: 08/12/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32064	JP	EET ALB	08/12/25 09:14
Total/NA	Analysis	8015M/D		1	32130	AT	EET ALB	08/12/25 16:27
Total/NA	Prep	5035			32064	JP	EET ALB	08/12/25 09:14
Total/NA	Analysis	8021B		1	32129	AT	EET ALB	08/12/25 16:27
Total/NA	Prep	SHAKE			32089	BZR	EET ALB	08/12/25 09:56
Total/NA	Analysis	8015M/D		1	32066	EM	EET ALB	08/12/25 13:07
Total/NA	Prep	300_Prep			32093	RC	EET ALB	08/12/25 10:26
Total/NA	Analysis	300.0		20	32092	RC	EET ALB	08/12/25 14:28

Client Sample ID: S-14
Lab Sample ID: 885-30714-9
Date Collected: 08/11/25 12:50
Matrix: Solid
Date Received: 08/12/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32064	JP	EET ALB	08/12/25 09:14
Total/NA	Analysis	8015M/D		1	32130	AT	EET ALB	08/12/25 16:49
Total/NA	Prep	5035			32064	JP	EET ALB	08/12/25 09:14
Total/NA	Analysis	8021B		1	32129	AT	EET ALB	08/12/25 16:49
Total/NA	Prep	SHAKE			32089	BZR	EET ALB	08/12/25 09:56
Total/NA	Analysis	8015M/D		1	32066	EM	EET ALB	08/12/25 13:19
Total/NA	Prep	300_Prep			32093	RC	EET ALB	08/12/25 10:26
Total/NA	Analysis	300.0		20	32092	RC	EET ALB	08/12/25 14:38

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum
Job ID: 885-30714-1
Project/Site: Lat 6K-4

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-26

Chain-of-Custody Record

Client: Ensolum, LLC

Mailing Address: 606 S. Rio Grande
Aztec, NM 87410

Phone #:

email or Fax#: ksummers@ensolum.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☐ Standard ☒ Rush Same Day

Project Name:
Lat 6K-4

Project #:
05A1226377

Project Manager:
K. Summers

Sampler: K. Summers
On Ice: ☒ Yes ☐ No
# of Coolers: 1 (4604)
Cooler Temp (including CF): 3.4-0.2=3.2 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 885-30714 COC
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	(BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	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)
8/11/25	1110	S	S-6	1x4ozGlass	ice	1	X	X					X			
	1120		S-7			2										
	1130		S-8			3										
	1140		S-9			4										
	1150		S-10			5										
	1200		S-11			6										
	1210		S-12			7										
	1230		S-13			8										
	1250		S-14			9										
				MFS												

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
8/11/25	1559				8/11/25	1559
8/11/25	1815	Grant Wall			8/12/25	7:15

Remarks: Bill Tom Long - Enterprise
Paykey: RB21200
N81669

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.

Login Sample Receipt Checklist

Client: Ensolum Job Number: 885-30714-1

Login Number: 30714 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: McQuiston, Steven

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/20/2025 11:03:57 AM

JOB DESCRIPTION

Lat 6K-4

JOB NUMBER

885-31093-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

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

Authorization

Generated
8/20/2025 11:03:57 AM

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

Client: Ensolum
Project/Site: Lat 6K-4

Laboratory Job ID: 885-31093-1

Table of Contents

Definitions/Glossary

Client: Ensolum Job ID: 885-31093-1
Project/Site: Lat 6K-4

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: Lat 6K-4

Job ID: 885-31093-1

Job ID: 885-31093-1 Eurofins Albuquerque

Job Narrative
885-31093-1

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

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

Receipt
The samples were received on 8/15/2025 7:15 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 2.7°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.

Client Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-31093-1

Client Sample ID: S-15

Lab Sample ID: 885-31093-1

Date Collected: 08/14/25 11:00

Matrix: Solid

Date Received: 08/15/25 07:15

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		08/15/25 09:15	08/15/25 12:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*08/15/25 09:15*	*08/15/25 12:07*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019		mg/Kg		08/15/25 09:15	08/15/25 12:07	1
Ethylbenzene	ND		0.037		mg/Kg		08/15/25 09:15	08/15/25 12:07	1
Toluene	ND		0.037		mg/Kg		08/15/25 09:15	08/15/25 12:07	1
Xylenes, Total	ND		0.074		mg/Kg		08/15/25 09:15	08/15/25 12:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*08/15/25 09:15*	*08/15/25 12:07*	*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		9.7		mg/Kg		08/15/25 10:08	08/15/25 12:57	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/15/25 10:08	08/15/25 12:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*114*		*62 - 134*	*08/15/25 10:08*	*08/15/25 12:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/15/25 08:31	08/15/25 11:17	20

Client Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-31093-1

Client Sample ID: S-16

Date Collected: 08/14/25 12:00
Date Received: 08/15/25 07:15

Lab Sample ID: 885-31093-2

Matrix: Solid

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		08/15/25 09:15	08/15/25 12:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*08/15/25 09:15*	*08/15/25 12:28*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021		mg/Kg		08/15/25 09:15	08/15/25 12:28	1
Ethylbenzene	ND		0.042		mg/Kg		08/15/25 09:15	08/15/25 12:28	1
Toluene	ND		0.042		mg/Kg		08/15/25 09:15	08/15/25 12:28	1
Xylenes, Total	ND		0.084		mg/Kg		08/15/25 09:15	08/15/25 12:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*08/15/25 09:15*	*08/15/25 12:28*	*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		08/15/25 10:08	08/15/25 13:34	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/15/25 10:08	08/15/25 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*115*		*62 - 134*	*08/15/25 10:08*	*08/15/25 13:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/15/25 08:31	08/15/25 11:31	20

QC Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-31093-1

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

Lab Sample ID: MB 885-32418/1-A
Matrix: Solid
Analysis Batch: 32425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32418

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/15/25 09:15	08/15/25 11:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*08/15/25 09:15*	*08/15/25 11:45*	*1*

Lab Sample ID: LCS 885-32418/2-A
Matrix: Solid
Analysis Batch: 32425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32418

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	24.5		mg/Kg		98	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*208*		*15 - 150*

Lab Sample ID: 885-31093-1 MS
Matrix: Solid
Analysis Batch: 32425

Client Sample ID: S-15
Prep Type: Total/NA
Prep Batch: 32418

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]	ND		18.6	17.8		mg/Kg		96	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*199*		*15 - 150*

Lab Sample ID: 885-31093-1 MSD
Matrix: Solid
Analysis Batch: 32425

Client Sample ID: S-15
Prep Type: Total/NA
Prep Batch: 32418

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		18.6	16.7		mg/Kg					

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*191*		*15 - 150*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-32418/1-A
Matrix: Solid
Analysis Batch: 32426

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32418

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/15/25 09:15	08/15/25 11:45	1
Ethylbenzene	ND		0.050		mg/Kg		08/15/25 09:15	08/15/25 11:45	1
Toluene	ND		0.050		mg/Kg		08/15/25 09:15	08/15/25 11:45	1

QC Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-31093-1

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

Lab Sample ID: MB 885-32418/1-A
Matrix: Solid
Analysis Batch: 32426

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32418

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10		mg/Kg		08/15/25 09:15	08/15/25 11:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*08/15/25 09:15*	*08/15/25 11:45*	*1*

Lab Sample ID: LCS 885-32418/3-A
Matrix: Solid
Analysis Batch: 32426

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32418

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.929		mg/Kg		93	70 - 130		
Ethylbenzene			1.00	0.943		mg/Kg		94	70 - 130		
Toluene			1.00	0.944		mg/Kg		94	70 - 130		
Xylenes, Total			3.00	2.85		mg/Kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*

Lab Sample ID: 885-31093-2 MS
Matrix: Solid
Analysis Batch: 32426

Client Sample ID: S-16
Prep Type: Total/NA
Prep Batch: 32418

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.836	0.733		mg/Kg		88	70 - 130		
Ethylbenzene	ND		0.836	0.747		mg/Kg		89	70 - 130		
Toluene	ND		0.836	0.746		mg/Kg		89	70 - 130		
Xylenes, Total	ND		2.51	2.26		mg/Kg		89	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*

Lab Sample ID: 885-31093-2 MSD
Matrix: Solid
Analysis Batch: 32426

Client Sample ID: S-16
Prep Type: Total/NA
Prep Batch: 32418

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.836	0.681		mg/Kg		81	70 - 130	7	20
Ethylbenzene	ND		0.836	0.698		mg/Kg		83	70 - 130	7	20
Toluene	ND		0.836	0.688		mg/Kg		82	70 - 130	8	20
Xylenes, Total	ND		2.51	2.10		mg/Kg		83	70 - 130	7	20

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

QC Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-31093-1

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

Lab Sample ID: MB 885-32432/1-A
Matrix: Solid
Analysis Batch: 32421

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32432

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		08/15/25 10:08	08/15/25 12:33	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/15/25 10:08	08/15/25 12:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*110*		*62 - 134*	*08/15/25 10:08*	*08/15/25 12:33*	*1*

Lab Sample ID: LCS 885-32432/2-A
Matrix: Solid
Analysis Batch: 32421

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32432

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	42.6		mg/Kg		85	51 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*

Lab Sample ID: 885-31093-1 MS
Matrix: Solid
Analysis Batch: 32421

Client Sample ID: S-15
Prep Type: Total/NA
Prep Batch: 32432

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		48.1	40.8		mg/Kg		85	44 - 136		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*103*		*62 - 134*

Lab Sample ID: 885-31093-1 MSD
Matrix: Solid
Analysis Batch: 32421

Client Sample ID: S-15
Prep Type: Total/NA
Prep Batch: 32432

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	46.2		mg/Kg		93	44 - 136	12	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*102*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-32399/1-A
Matrix: Solid
Analysis Batch: 32435

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32399

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5		mg/Kg		08/15/25 08:31	08/15/25 10:50	1

QC Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-31093-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-32399/2-A
Matrix: Solid
Analysis Batch: 32435

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32399

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			15.0	14.2		mg/Kg		95	90 - 110		

QC Association Summary

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-31093-1

GC VOA

Prep Batch: 32418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31093-1	S-15	Total/NA	Solid	5035	
885-31093-2	S-16	Total/NA	Solid	5035	
MB 885-32418/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-32418/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-32418/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-31093-1 MS	S-15	Total/NA	Solid	5035	
885-31093-1 MSD	S-15	Total/NA	Solid	5035	
885-31093-2 MS	S-16	Total/NA	Solid	5035	
885-31093-2 MSD	S-16	Total/NA	Solid	5035	

Analysis Batch: 32425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31093-1	S-15	Total/NA	Solid	8015M/D	32418
885-31093-2	S-16	Total/NA	Solid	8015M/D	32418
MB 885-32418/1-A	Method Blank	Total/NA	Solid	8015M/D	32418
LCS 885-32418/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	32418
885-31093-1 MS	S-15	Total/NA	Solid	8015M/D	32418
885-31093-1 MSD	S-15	Total/NA	Solid	8015M/D	32418

Analysis Batch: 32426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31093-1	S-15	Total/NA	Solid	8021B	32418
885-31093-2	S-16	Total/NA	Solid	8021B	32418
MB 885-32418/1-A	Method Blank	Total/NA	Solid	8021B	32418
LCS 885-32418/3-A	Lab Control Sample	Total/NA	Solid	8021B	32418
885-31093-2 MS	S-16	Total/NA	Solid	8021B	32418
885-31093-2 MSD	S-16	Total/NA	Solid	8021B	32418

GC Semi VOA

Analysis Batch: 32421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31093-1	S-15	Total/NA	Solid	8015M/D	32432
885-31093-2	S-16	Total/NA	Solid	8015M/D	32432
MB 885-32432/1-A	Method Blank	Total/NA	Solid	8015M/D	32432
LCS 885-32432/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	32432
885-31093-1 MS	S-15	Total/NA	Solid	8015M/D	32432
885-31093-1 MSD	S-15	Total/NA	Solid	8015M/D	32432

Prep Batch: 32432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31093-1	S-15	Total/NA	Solid	SHAKE	
885-31093-2	S-16	Total/NA	Solid	SHAKE	
MB 885-32432/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-32432/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-31093-1 MS	S-15	Total/NA	Solid	SHAKE	
885-31093-1 MSD	S-15	Total/NA	Solid	SHAKE	

QC Association Summary

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-31093-1

HPLC/IC

Prep Batch: 32399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31093-1	S-15	Total/NA	Solid	300_Prep	
885-31093-2	S-16	Total/NA	Solid	300_Prep	
MB 885-32399/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-32399/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 32435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31093-1	S-15	Total/NA	Solid	300.0	32399
885-31093-2	S-16	Total/NA	Solid	300.0	32399
MB 885-32399/1-A	Method Blank	Total/NA	Solid	300.0	32399
LCS 885-32399/2-A	Lab Control Sample	Total/NA	Solid	300.0	32399

Lab Chronicle

Client: Ensolum
Job ID: 885-31093-1
Project/Site: Lat 6K-4

Client Sample ID: S-15
Lab Sample ID: 885-31093-1
Date Collected: 08/14/25 11:00
Matrix: Solid
Date Received: 08/15/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32418	KLS	EET ALB	08/15/25 09:15
Total/NA	Analysis	8015M/D		1	32425	RA	EET ALB	08/15/25 12:07
Total/NA	Prep	5035			32418	KLS	EET ALB	08/15/25 09:15
Total/NA	Analysis	8021B		1	32426	RA	EET ALB	08/15/25 12:07
Total/NA	Prep	SHAKE			32432	DR	EET ALB	08/15/25 10:08
Total/NA	Analysis	8015M/D		1	32421	BZR	EET ALB	08/15/25 12:57
Total/NA	Prep	300_Prep			32399	MA	EET ALB	08/15/25 08:31
Total/NA	Analysis	300.0		20	32435	MA	EET ALB	08/15/25 11:17

Client Sample ID: S-16
Lab Sample ID: 885-31093-2
Date Collected: 08/14/25 12:00
Matrix: Solid
Date Received: 08/15/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32418	KLS	EET ALB	08/15/25 09:15
Total/NA	Analysis	8015M/D		1	32425	RA	EET ALB	08/15/25 12:28
Total/NA	Prep	5035			32418	KLS	EET ALB	08/15/25 09:15
Total/NA	Analysis	8021B		1	32426	RA	EET ALB	08/15/25 12:28
Total/NA	Prep	SHAKE			32432	DR	EET ALB	08/15/25 10:08
Total/NA	Analysis	8015M/D		1	32421	BZR	EET ALB	08/15/25 13:34
Total/NA	Prep	300_Prep			32399	MA	EET ALB	08/15/25 08:31
Total/NA	Analysis	300.0		20	32435	MA	EET ALB	08/15/25 11:31

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

Accreditation/Certification Summary

Client: Ensolum
Job ID: 885-31093-1
Project/Site: Lat 6K-4

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-26

Chain-of-Custody Record

Client: Ensolum, LLC

Mailing Address: 606 S. Rio Grande
Aztec, NM 87410

Phone #:

email or Fax#: ksummers@Ensolum.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☑ Rush Same day

Project Name:
Lat 6K-4

Project #:
05A1226377

Project Manager:
K. Summers

Sampler: K. Summers
On Ice: ☑ Yes ☐ No
# of Coolers: 1 Abby
Cooler Temp (including CF): 2.9-0.2=2.7 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

885-31093 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	(BTEX) MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	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)
8/14/25	1100	S	S-15	1x4oz. gls	ice		X	X					X			
↓	1200	↓	S-16	↓	↓		X	X					X			

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
8/14/25	1512			Walk	8/14/25	1512
8/14/25	1603			courier	8/15/25	7:15

Remarks: Bill Tom Long - EFS
Paykey: ~~AB~~ 125 RB21200
N81669

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.

Login Sample Receipt Checklist

Client: Ensolum Job Number: 885-31093-1

Login Number: 31093 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

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	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/22/2025 4:33:11 PM

JOB DESCRIPTION

Lat 6K-4

JOB NUMBER

885-31380-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

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

Authorization

Generated
8/22/2025 4:33:11 PM

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

Client: Ensolum
Project/Site: Lat 6K-4

Laboratory Job ID: 885-31380-1

Table of Contents

Definitions/Glossary

Client: Ensolum Job ID: 885-31380-1
Project/Site: Lat 6K-4

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: Lat 6K-4

Job ID: 885-31380-1

Job ID: 885-31380-1 Eurofins Albuquerque

Job Narrative
885-31380-1

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

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

Receipt
The samples were received on 8/20/2025 8:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C.

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
Method 8015D_DRO: Surrogate recovery for the following sample is outside the upper control limit: (CCV 885-32784/10). Corresponding CCV has high surrogate. However, samples have surrogate within range. Therefore, samples data is reported.

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.

Client Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-31380-1

Client Sample ID: S-17

Date Collected: 08/19/25 10:05
Date Received: 08/20/25 08:15

Lab Sample ID: 885-31380-1

Matrix: Solid

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		3.9		mg/Kg		08/20/25 09:30	08/20/25 12:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*08/20/25 09:30*	*08/20/25 12:09*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019		mg/Kg		08/20/25 09:30	08/20/25 12:09	1
Ethylbenzene	ND		0.039		mg/Kg		08/20/25 09:30	08/20/25 12:09	1
Toluene	ND		0.039		mg/Kg		08/20/25 09:30	08/20/25 12:09	1
Xylenes, Total	ND		0.077		mg/Kg		08/20/25 09:30	08/20/25 12:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*15 - 150*	*08/20/25 09:30*	*08/20/25 12:09*	*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		08/20/25 10:14	08/20/25 11:41	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/20/25 10:14	08/20/25 11:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*108*		*62 - 134*	*08/20/25 10:14*	*08/20/25 11:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		08/20/25 11:00	08/20/25 12:53	10

Client Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-31380-1

Client Sample ID: S-18

Date Collected: 08/19/25 10:15
Date Received: 08/20/25 08:15

Lab Sample ID: 885-31380-2

Matrix: Solid

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		3.4		mg/Kg		08/20/25 09:30	08/20/25 12:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*08/20/25 09:30*	*08/20/25 12:33*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.017		mg/Kg		08/20/25 09:30	08/20/25 12:33	1
Ethylbenzene	ND		0.034		mg/Kg		08/20/25 09:30	08/20/25 12:33	1
Toluene	ND		0.034		mg/Kg		08/20/25 09:30	08/20/25 12:33	1
Xylenes, Total	ND		0.068		mg/Kg		08/20/25 09:30	08/20/25 12:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*15 - 150*	*08/20/25 09:30*	*08/20/25 12:33*	*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		08/20/25 10:14	08/20/25 11:53	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/20/25 10:14	08/20/25 11:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*107*		*62 - 134*	*08/20/25 10:14*	*08/20/25 11:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51		mg/Kg		08/20/25 11:00	08/20/25 13:03	10

Client Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-31380-1

Client Sample ID: S-19

Date Collected: 08/19/25 10:20
Date Received: 08/20/25 08:15

Lab Sample ID: 885-31380-3

Matrix: Solid

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		4.5		mg/Kg		08/20/25 09:30	08/20/25 12:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*08/20/25 09:30*	*08/20/25 12:57*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.022		mg/Kg		08/20/25 09:30	08/20/25 12:57	1
Ethylbenzene	ND		0.045		mg/Kg		08/20/25 09:30	08/20/25 12:57	1
Toluene	ND		0.045		mg/Kg		08/20/25 09:30	08/20/25 12:57	1
Xylenes, Total	ND		0.089		mg/Kg		08/20/25 09:30	08/20/25 12:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*15 - 150*	*08/20/25 09:30*	*08/20/25 12:57*	*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		08/20/25 10:14	08/20/25 12:05	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/20/25 10:14	08/20/25 12:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*110*		*62 - 134*	*08/20/25 10:14*	*08/20/25 12:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		49		mg/Kg		08/20/25 11:00	08/20/25 13:12	10

Client Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-31380-1

Client Sample ID: S-20

Date Collected: 08/19/25 10:30
Date Received: 08/20/25 08:15

Lab Sample ID: 885-31380-4

Matrix: Solid

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		3.9		mg/Kg		08/20/25 09:30	08/20/25 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*08/20/25 09:30*	*08/20/25 13:20*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020		mg/Kg		08/20/25 09:30	08/20/25 13:20	1
Ethylbenzene	ND		0.039		mg/Kg		08/20/25 09:30	08/20/25 13:20	1
Toluene	ND		0.039		mg/Kg		08/20/25 09:30	08/20/25 13:20	1
Xylenes, Total	ND		0.079		mg/Kg		08/20/25 09:30	08/20/25 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*08/20/25 09:30*	*08/20/25 13:20*	*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		08/20/25 10:14	08/20/25 11:17	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/20/25 10:14	08/20/25 11:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*103*		*62 - 134*	*08/20/25 10:14*	*08/20/25 11:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		08/20/25 11:00	08/20/25 13:22	10

Client Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-31380-1

Client Sample ID: S-21

Date Collected: 08/19/25 10:40
Date Received: 08/20/25 08:15

Lab Sample ID: 885-31380-5

Matrix: Solid

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		08/20/25 09:30	08/20/25 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*08/20/25 09:30*	*08/20/25 13:44*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.022		mg/Kg		08/20/25 09:30	08/20/25 13:44	1
Ethylbenzene	ND		0.044		mg/Kg		08/20/25 09:30	08/20/25 13:44	1
Toluene	ND		0.044		mg/Kg		08/20/25 09:30	08/20/25 13:44	1
Xylenes, Total	ND		0.087		mg/Kg		08/20/25 09:30	08/20/25 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*15 - 150*	*08/20/25 09:30*	*08/20/25 13:44*	*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		9.7		mg/Kg		08/20/25 10:14	08/20/25 11:28	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/20/25 10:14	08/20/25 11:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*107*		*62 - 134*	*08/20/25 10:14*	*08/20/25 11:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**56**		50		mg/Kg		08/20/25 11:00	08/20/25 13:32	10

Client Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-31380-1

Client Sample ID: S-22

Date Collected: 08/19/25 10:55
Date Received: 08/20/25 08:15

Lab Sample ID: 885-31380-6

Matrix: Solid

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		3.9		mg/Kg		08/20/25 09:30	08/20/25 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*08/20/25 09:30*	*08/20/25 14:08*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020		mg/Kg		08/20/25 09:30	08/20/25 14:08	1
Ethylbenzene	ND		0.039		mg/Kg		08/20/25 09:30	08/20/25 14:08	1
Toluene	ND		0.039		mg/Kg		08/20/25 09:30	08/20/25 14:08	1
Xylenes, Total	ND		0.078		mg/Kg		08/20/25 09:30	08/20/25 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*08/20/25 09:30*	*08/20/25 14:08*	*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		08/20/25 10:14	08/20/25 11:38	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/20/25 10:14	08/20/25 11:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*	*08/20/25 10:14*	*08/20/25 11:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		08/20/25 11:00	08/20/25 13:42	10

QC Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-31380-1

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

Lab Sample ID: MB 885-32788/1-A
Matrix: Solid
Analysis Batch: 32808

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32788

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/20/25 09:30	08/20/25 11:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*08/20/25 09:30*	*08/20/25 11:46*	*1*

Lab Sample ID: LCS 885-32788/2-A
Matrix: Solid
Analysis Batch: 32808

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32788

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	20.6		mg/Kg		83	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*175*		*15 - 150*

Lab Sample ID: 885-31380-1 MS
Matrix: Solid
Analysis Batch: 32808

Client Sample ID: S-17
Prep Type: Total/NA
Prep Batch: 32788

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]	ND		19.3	17.7		mg/Kg		92	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*187*		*15 - 150*

Lab Sample ID: 885-31380-1 MSD
Matrix: Solid
Analysis Batch: 32808

Client Sample ID: S-17
Prep Type: Total/NA
Prep Batch: 32788

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		19.3	16.5		mg/Kg		86	70 - 130	7	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*189*		*15 - 150*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-32788/1-A
Matrix: Solid
Analysis Batch: 32809

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32788

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/20/25 09:30	08/20/25 11:46	1
Ethylbenzene	ND		0.050		mg/Kg		08/20/25 09:30	08/20/25 11:46	1
Toluene	ND		0.050		mg/Kg		08/20/25 09:30	08/20/25 11:46	1

QC Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-31380-1

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

Lab Sample ID: MB 885-32788/1-A
Matrix: Solid
Analysis Batch: 32809

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32788

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10		mg/Kg		08/20/25 09:30	08/20/25 11:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*15 - 150*	*08/20/25 09:30*	*08/20/25 11:46*	*1*

Lab Sample ID: LCS 885-32788/3-A
Matrix: Solid
Analysis Batch: 32809

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32788

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.877		mg/Kg		88	70 - 130		
Ethylbenzene			1.00	0.847		mg/Kg		85	70 - 130		
Toluene			1.00	0.861		mg/Kg		86	70 - 130		
Xylenes, Total			3.00	2.63		mg/Kg		88	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*

Lab Sample ID: 885-31380-2 MS
Matrix: Solid
Analysis Batch: 32809

Client Sample ID: S-18
Prep Type: Total/NA
Prep Batch: 32788

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.679	0.555		mg/Kg		82	70 - 130		
Ethylbenzene	ND		0.679	0.551		mg/Kg		81	70 - 130		
Toluene	ND		0.679	0.559		mg/Kg		82	70 - 130		
Xylenes, Total	ND		2.04	1.70		mg/Kg		84	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*

Lab Sample ID: 885-31380-2 MSD
Matrix: Solid
Analysis Batch: 32809

Client Sample ID: S-18
Prep Type: Total/NA
Prep Batch: 32788

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.679	0.583		mg/Kg		86	70 - 130	5	20
Ethylbenzene	ND		0.679	0.604		mg/Kg		89	70 - 130	9	20
Toluene	ND		0.679	0.588		mg/Kg		87	70 - 130	5	20
Xylenes, Total	ND		2.04	1.86		mg/Kg		92	70 - 130	9	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*

QC Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-31380-1

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

Lab Sample ID: MB 885-32806/1-A
Matrix: Solid
Analysis Batch: 32784

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32806

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		08/20/25 10:14	08/20/25 11:17	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/20/25 10:14	08/20/25 11:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*108*		*62 - 134*	*08/20/25 10:14*	*08/20/25 11:17*	*1*

Lab Sample ID: LCS 885-32806/2-A
Matrix: Solid
Analysis Batch: 32784

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32806

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	52.4		mg/Kg		105	51 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*114*		*62 - 134*

Lab Sample ID: 885-31380-6 MS
Matrix: Solid
Analysis Batch: 32783

Client Sample ID: S-22
Prep Type: Total/NA
Prep Batch: 32806

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		49.3	54.0		mg/Kg		110	44 - 136		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*117*		*62 - 134*

Lab Sample ID: 885-31380-6 MSD
Matrix: Solid
Analysis Batch: 32783

Client Sample ID: S-22
Prep Type: Total/NA
Prep Batch: 32806

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		49.0	53.2		mg/Kg		109	44 - 136	1	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*114*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-32811/1-A
Matrix: Solid
Analysis Batch: 32775

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32811

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg		08/20/25 11:00	08/20/25 12:13	1

QC Sample Results

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-31380-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-32811/2-A
Matrix: Solid
Analysis Batch: 32775

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32811

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			49.8	49.0		mg/Kg		98	90 - 110		

QC Association Summary

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-31380-1

GC VOA

Prep Batch: 32788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31380-1	S-17	Total/NA	Solid	5035	
885-31380-2	S-18	Total/NA	Solid	5035	
885-31380-3	S-19	Total/NA	Solid	5035	
885-31380-4	S-20	Total/NA	Solid	5035	
885-31380-5	S-21	Total/NA	Solid	5035	
885-31380-6	S-22	Total/NA	Solid	5035	
MB 885-32788/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-32788/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-32788/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-31380-1 MS	S-17	Total/NA	Solid	5035	
885-31380-1 MSD	S-17	Total/NA	Solid	5035	
885-31380-2 MS	S-18	Total/NA	Solid	5035	
885-31380-2 MSD	S-18	Total/NA	Solid	5035	

Analysis Batch: 32808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31380-1	S-17	Total/NA	Solid	8015M/D	32788
885-31380-2	S-18	Total/NA	Solid	8015M/D	32788
885-31380-3	S-19	Total/NA	Solid	8015M/D	32788
885-31380-4	S-20	Total/NA	Solid	8015M/D	32788
885-31380-5	S-21	Total/NA	Solid	8015M/D	32788
885-31380-6	S-22	Total/NA	Solid	8015M/D	32788
MB 885-32788/1-A	Method Blank	Total/NA	Solid	8015M/D	32788
LCS 885-32788/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	32788
885-31380-1 MS	S-17	Total/NA	Solid	8015M/D	32788
885-31380-1 MSD	S-17	Total/NA	Solid	8015M/D	32788

Analysis Batch: 32809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31380-1	S-17	Total/NA	Solid	8021B	32788
885-31380-2	S-18	Total/NA	Solid	8021B	32788
885-31380-3	S-19	Total/NA	Solid	8021B	32788
885-31380-4	S-20	Total/NA	Solid	8021B	32788
885-31380-5	S-21	Total/NA	Solid	8021B	32788
885-31380-6	S-22	Total/NA	Solid	8021B	32788
MB 885-32788/1-A	Method Blank	Total/NA	Solid	8021B	32788
LCS 885-32788/3-A	Lab Control Sample	Total/NA	Solid	8021B	32788
885-31380-2 MS	S-18	Total/NA	Solid	8021B	32788
885-31380-2 MSD	S-18	Total/NA	Solid	8021B	32788

GC Semi VOA

Analysis Batch: 32783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31380-4	S-20	Total/NA	Solid	8015M/D	32806
885-31380-5	S-21	Total/NA	Solid	8015M/D	32806
885-31380-6	S-22	Total/NA	Solid	8015M/D	32806
885-31380-6 MS	S-22	Total/NA	Solid	8015M/D	32806
885-31380-6 MSD	S-22	Total/NA	Solid	8015M/D	32806

QC Association Summary

Client: Ensolum
Project/Site: Lat 6K-4

Job ID: 885-31380-1

GC Semi VOA

Analysis Batch: 32784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31380-1	S-17	Total/NA	Solid	8015M/D	32806
885-31380-2	S-18	Total/NA	Solid	8015M/D	32806
885-31380-3	S-19	Total/NA	Solid	8015M/D	32806
MB 885-32806/1-A	Method Blank	Total/NA	Solid	8015M/D	32806
LCS 885-32806/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	32806

Prep Batch: 32806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31380-1	S-17	Total/NA	Solid	SHAKE	
885-31380-2	S-18	Total/NA	Solid	SHAKE	
885-31380-3	S-19	Total/NA	Solid	SHAKE	
885-31380-4	S-20	Total/NA	Solid	SHAKE	
885-31380-5	S-21	Total/NA	Solid	SHAKE	
885-31380-6	S-22	Total/NA	Solid	SHAKE	
MB 885-32806/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-32806/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-31380-6 MS	S-22	Total/NA	Solid	SHAKE	
885-31380-6 MSD	S-22	Total/NA	Solid	SHAKE	

HPLC/IC

Analysis Batch: 32775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31380-1	S-17	Total/NA	Solid	300.0	32811
885-31380-2	S-18	Total/NA	Solid	300.0	32811
885-31380-3	S-19	Total/NA	Solid	300.0	32811
885-31380-4	S-20	Total/NA	Solid	300.0	32811
885-31380-5	S-21	Total/NA	Solid	300.0	32811
885-31380-6	S-22	Total/NA	Solid	300.0	32811
MB 885-32811/1-A	Method Blank	Total/NA	Solid	300.0	32811
LCS 885-32811/2-A	Lab Control Sample	Total/NA	Solid	300.0	32811

Prep Batch: 32811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31380-1	S-17	Total/NA	Solid	300_Prep	
885-31380-2	S-18	Total/NA	Solid	300_Prep	
885-31380-3	S-19	Total/NA	Solid	300_Prep	
885-31380-4	S-20	Total/NA	Solid	300_Prep	
885-31380-5	S-21	Total/NA	Solid	300_Prep	
885-31380-6	S-22	Total/NA	Solid	300_Prep	
MB 885-32811/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-32811/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Lab Chronicle

Client: Ensolum
Job ID: 885-31380-1
Project/Site: Lat 6K-4

Client Sample ID: S-17
Lab Sample ID: 885-31380-1
Date Collected: 08/19/25 10:05
Matrix: Solid
Date Received: 08/20/25 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32788	KLS	EET ALB	08/20/25 09:30
Total/NA	Analysis	8015M/D		1	32808	AT	EET ALB	08/20/25 12:09
Total/NA	Prep	5035			32788	KLS	EET ALB	08/20/25 09:30
Total/NA	Analysis	8021B		1	32809	AT	EET ALB	08/20/25 12:09
Total/NA	Prep	SHAKE			32806	EM	EET ALB	08/20/25 10:14
Total/NA	Analysis	8015M/D		1	32784	EM	EET ALB	08/20/25 11:41
Total/NA	Prep	300_Prep			32811	ES	EET ALB	08/20/25 11:00
Total/NA	Analysis	300.0		10	32775	RC	EET ALB	08/20/25 12:53

Client Sample ID: S-18
Lab Sample ID: 885-31380-2
Date Collected: 08/19/25 10:15
Matrix: Solid
Date Received: 08/20/25 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32788	KLS	EET ALB	08/20/25 09:30
Total/NA	Analysis	8015M/D		1	32808	AT	EET ALB	08/20/25 12:33
Total/NA	Prep	5035			32788	KLS	EET ALB	08/20/25 09:30
Total/NA	Analysis	8021B		1	32809	AT	EET ALB	08/20/25 12:33
Total/NA	Prep	SHAKE			32806	EM	EET ALB	08/20/25 10:14
Total/NA	Analysis	8015M/D		1	32784	EM	EET ALB	08/20/25 11:53
Total/NA	Prep	300_Prep			32811	ES	EET ALB	08/20/25 11:00
Total/NA	Analysis	300.0		10	32775	RC	EET ALB	08/20/25 13:03

Client Sample ID: S-19
Lab Sample ID: 885-31380-3
Date Collected: 08/19/25 10:20
Matrix: Solid
Date Received: 08/20/25 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32788	KLS	EET ALB	08/20/25 09:30
Total/NA	Analysis	8015M/D		1	32808	AT	EET ALB	08/20/25 12:57
Total/NA	Prep	5035			32788	KLS	EET ALB	08/20/25 09:30
Total/NA	Analysis	8021B		1	32809	AT	EET ALB	08/20/25 12:57
Total/NA	Prep	SHAKE			32806	EM	EET ALB	08/20/25 10:14
Total/NA	Analysis	8015M/D		1	32784	EM	EET ALB	08/20/25 12:05
Total/NA	Prep	300_Prep			32811	ES	EET ALB	08/20/25 11:00
Total/NA	Analysis	300.0		10	32775	RC	EET ALB	08/20/25 13:12

Client Sample ID: S-20
Lab Sample ID: 885-31380-4
Date Collected: 08/19/25 10:30
Matrix: Solid
Date Received: 08/20/25 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32788	KLS	EET ALB	08/20/25 09:30
Total/NA	Analysis	8015M/D		1	32808	AT	EET ALB	08/20/25 13:20

Lab Chronicle

Client: Ensolum
Job ID: 885-31380-1
Project/Site: Lat 6K-4

Client Sample ID: S-20
Lab Sample ID: 885-31380-4
Date Collected: 08/19/25 10:30
Matrix: Solid
Date Received: 08/20/25 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32788	KLS	EET ALB	08/20/25 09:30
Total/NA	Analysis	8021B		1	32809	AT	EET ALB	08/20/25 13:20
Total/NA	Prep	SHAKE			32806	EM	EET ALB	08/20/25 10:14
Total/NA	Analysis	8015M/D		1	32783	EM	EET ALB	08/20/25 11:17
Total/NA	Prep	300_Prep			32811	ES	EET ALB	08/20/25 11:00
Total/NA	Analysis	300.0		10	32775	RC	EET ALB	08/20/25 13:22

Client Sample ID: S-21
Lab Sample ID: 885-31380-5
Date Collected: 08/19/25 10:40
Matrix: Solid
Date Received: 08/20/25 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32788	KLS	EET ALB	08/20/25 09:30
Total/NA	Analysis	8015M/D		1	32808	AT	EET ALB	08/20/25 13:44
Total/NA	Prep	5035			32788	KLS	EET ALB	08/20/25 09:30
Total/NA	Analysis	8021B		1	32809	AT	EET ALB	08/20/25 13:44
Total/NA	Prep	SHAKE			32806	EM	EET ALB	08/20/25 10:14
Total/NA	Analysis	8015M/D		1	32783	EM	EET ALB	08/20/25 11:28
Total/NA	Prep	300_Prep			32811	ES	EET ALB	08/20/25 11:00
Total/NA	Analysis	300.0		10	32775	RC	EET ALB	08/20/25 13:32

Client Sample ID: S-22
Lab Sample ID: 885-31380-6
Date Collected: 08/19/25 10:55
Matrix: Solid
Date Received: 08/20/25 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32788	KLS	EET ALB	08/20/25 09:30
Total/NA	Analysis	8015M/D		1	32808	AT	EET ALB	08/20/25 14:08
Total/NA	Prep	5035			32788	KLS	EET ALB	08/20/25 09:30
Total/NA	Analysis	8021B		1	32809	AT	EET ALB	08/20/25 14:08
Total/NA	Prep	SHAKE			32806	EM	EET ALB	08/20/25 10:14
Total/NA	Analysis	8015M/D		1	32783	EM	EET ALB	08/20/25 11:38
Total/NA	Prep	300_Prep			32811	ES	EET ALB	08/20/25 11:00
Total/NA	Analysis	300.0		10	32775	RC	EET ALB	08/20/25 13:42

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum
Job ID: 885-31380-1
Project/Site: Lat 6K-4

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-26

Chain-of-Custody Record

Client: Ensolum, LLC

Mailing Address: 606 S. Rio Grande Ste. A, Aztec, NM 87410

Phone #:

email or Fax#: KSummers@Ensolum.com

QA/QC Package: ☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: ☐ Standard ☑ Rush Same Day

Project Name: Lat 6K-4

Project #: 05A1226377

Project Manager: K Summers

Sampler: K. Summers

On Ice: ☑ Yes ☐ No

# of Coolers: 2

Cooler Temp (Including CF): 1.4 -0.2 = 1.2 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

885-31380 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO₃, NO₂, PO₄, SO₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
08/19/25	1005	S	S-17	1X4oz. gls	ice	1	X	X					X			
8/19/25	1015	↓	S-18	↓	↓	2	↓	↓					↓			
↓	1020	↓	S-19	↓	↓	3	↓	↓					↓			
↓	1030	↓	S-20	↓	↓	4	↓	↓					↓			
↓	1040	↓	S-21	↓	↓	5	↓	↓					↓			
↓	1055	↓	S-22	↓	↓	6	↓	↓					↓			

Date	Time	Relinquished by	Received by	Via	Date	Time
8/19/25	1355	[signature]	[signature]		8/19/25	1355
8/19/25	1735	[signature]	[signature]	Courier	8-20-25	0815

Remarks: Bill Tom Long - EFS
Paykey: RB21200
N81669

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.

Login Sample Receipt Checklist

Client: Ensolum Job Number: 885-31380-1

Login Number: 31380 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: McQuiston, Steven

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

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

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 520115
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2520948332**
Incident Name	**NAPP2520948332 LATERAL 6K-4 @ N-04-29N-11W**
Incident Type	**Natural Gas Release**
Incident Status	**Remediation Closure Report Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Lateral 6K-4
Date Release Discovered	07/28/2025
Surface Owner	Federal

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	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*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: 58 MCF | Recovered: 0 MCF | Lost: 58 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)	This was an underground pipeline release. No liquids at the ground surface. The liquids release calculation is an estimate, which defaults to five barrels.

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 (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 520115
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**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	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a 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: 10/27/2025

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 (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 520115
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
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 1000 (ft.) and ½ (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	Zero feet, overlying, or within area
A wetland	Between 1000 (ft.) and ½ (mi.)
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	Low
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and 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)	170
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	51
GRO+DRO (EPA SW-846 Method 8015M)	51
BTEX (EPA SW-846 Method 8021B or 8260B)	3.7
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	07/28/2025
On what date will (or did) the final sampling or liner inspection occur	08/19/2025
On what date will (or was) the remediation complete(d)	08/19/2025
What is the estimated surface area (in square feet) that will be reclaimed	850
What is the estimated volume (in cubic yards) that will be reclaimed	1018
What is the estimated surface area (in square feet) that will be remediated	850
What is the estimated volume (in cubic yards) that will be remediated	1018
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 520115
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	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.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 10/27/2025
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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 (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 520115
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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

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 (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 520115
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**496296**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**08/19/2025**
What was the (estimated) number of samples that were to be gathered	**5**
What was the sampling surface area in square feet	**200**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	850
What was the total volume (cubic yards) remediated	1018
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	850
What was the total volume (in cubic yards) reclaimed	1018
Summarize any additional remediation activities not included by answers (above)	None

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 10/27/2025

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 (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 520115
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 520115
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	1/14/2026