



CLOSURE REPORT

Property:

Simmons #8 (06/21/24)
Unit Letter J, S25 T29N R09W
San Juan County, New Mexico

New Mexico EMNRD OCD Incident ID No. NAPP2419132894

October 7, 2024 (Updated May 8, 2025)

Ensolum Project No. 05A1226322

Prepared for:

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

Prepared by:

Chad D'Aponti
Project Scientist

Kyle Summers
Senior Managing Geologist

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1.0 INTRODUCTION

1.1 Site Description & Background

Operator:	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)
Site Name:	Simmons #8 (6/21/24) (Site)
NM EMNRD OCD Incident ID No.	NAPP2419132894
Location:	36.6944° North, 107.7306° West Unit Letter J, Section 29, Township 25 North, Range 09 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 June 21, 2024, Enterprise personnel identified a release of natural gas and associated pipeline liquids from the Simmons #8 well tie pipeline. Enterprise subsequently isolated and locked the pipeline out of service. On July 8, 2024, Enterprise initiated activities to repair the pipeline and remediate petroleum hydrocarbon impact. Enterprise 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). No PODs were identified in the same Public Land Survey System (PLSS) section as the Site. Numerous PODs were identified in the adjacent PLSS sections. These PODs (SJ-04069 POD 1 - 16) are located approximately 1.14 miles southwest of the site and approximately 302 feet lower in elevation than the Site. The average depth to water (DTW) for these PODs is 17 feet below grade surface (bgs) (**Figure A, Appendix B**).

- Three cathodic protection wells (CPWs) were identified in the NM EMNRD OCD imaging database in the adjacent PLSS sections. These CPWs are depicted in **Figure B (Appendix B)**. Documentation for the cathodic protection well located near the Bolin #1A production pad indicates a depth to water of 430 feet bgs. This cathodic protection well is located approximately 0.93 miles east of the Site and is approximately 100 feet lower in elevation than the Site. Documentation for the cathodic protection well located near the San Juan #20A and 29-9 Unit #1 production pads indicates a depth to water of approximately 30 feet bgs. This cathodic protection well is located approximately 1.53 miles southwest of the Site and is approximately 339 feet lower in elevation than the Site. Documentation for the cathodic protection well located near the Bolin #1 production pad does not indicate a depth to water.
- The Site is not located within 300 feet of a NM EMNRD OCD-defined continuously flowing watercourse or 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 not located within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to New Mexico Statutes Annotated (NMSA) 1978, Section 3-27-3.
- Based on information identified in the U.S. Fish & Wildlife Service National Wetlands Inventory Wetlands Mapper, the Site is not within 300 feet of a wetland (**Figure F, Appendix B**). Largo Canyon Wash is the closest wetland located approximately 3,500 feet southwest.
- 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 Enterprise estimates the depth to water at the Site to be greater than 50 feet bgs, resulting in a Tier II or Tier III ranking. However, the soil requirements of NMAC 19.15.29.13(D)(1) indicate that a minimum of the upper four feet must contain "uncontaminated" soil and that the soils meet Tier I closure criteria listed in Table 1 of NMAC 19.15.29.12. None of the samples collected at or below four feet bgs exceeded the Tier I closure criteria, so alternate closure criteria were not included in this report. 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 8, 2024, Enterprise initiated activities to repair the pipeline and 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 final excavation measured approximately 59 feet long and 27 feet wide at the maximum extents. The maximum depth of the excavation measured approximately 11 feet bgs. The lithology encountered during the completion of remediation activities consisted primarily of consolidated to unconsolidated silty sand and sandstone.

Approximately 1066 cubic yards (yd³) of petroleum hydrocarbon-affected soils and 35 barrels (bbls) of hydro-excavated soil cuttings were transported to the Envirotech, Inc., (Envirotech) landfarm in San Juan County, NM for disposal/remediation. The executed C-138 solid waste acceptance form is provided in **Appendix C**. The excavation was backfilled with imported fill and then contoured to the surrounding grade.

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

4.0 SOIL SAMPLING PROGRAM

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

Ensolum's soil sampling program included the collection of twenty composite soil samples (S-1 through S-12 and F-1 through F-8) from the excavation for laboratory analysis. The composite samples were comprised of five aliquots each and represent an estimated 200 square foot (ft²) or less sample area per guidelines outlined in Section D of 19.15.29.12 NMAC. Hand tools were utilized to obtain fresh aliquots from each area of the excavation. Regulatory correspondence is provided in **Appendix E**.

First Sampling Event

On June 25, 2024, sampling was performed at the Site. The NM EMNRD OCD was notified of the sampling event although no representative was present during sampling activities. Composite soil samples F-1 (11'), F-2 (11'), F-3 (11'), F-4 (11'), F-5 (11'), and F-6 (11') were collected from the floor of the excavation. Composite soil samples S-1 (0' to 11'), S-2 (0' to 11'), S-3 (0' to 11'), S-4

(0' to 11'), S-5 (0' to 11'), S-6 (0' to 11'), S-7 (0' to 11'), and S-8 (0' to 11') were collected from the walls of the excavation.

Second Sampling Event

On June 26, 2024, sampling was performed at the Site. The NM EMNRD OCD was notified of the sampling event although no representative was present during sampling activities. Composite soil samples F-7(11') and F-8 (11') were collected from the floor of the excavation. Composite soil samples S-9 (0' to 11'), S-10 (0' to 11'), S-11 (0' to 11'), and S-12 (0' to 11') 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-12 and F-1 through F-8) to the applicable NM EMNRD OCD closure criteria. Due to the high PQLs/RLs associated with the TPH MRO results when using EPA SW-846 Method 8015, Ensolum only compares the quantified TPH results to the New Mexico EMNRD OCD closure criteria. The laboratory analytical results are summarized in **Table 1 (Appendix F)**.

- The laboratory analytical results for the composite soil samples indicate benzene is not present in soils remaining at the Site 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 F-3 and F-7 indicate total BTEX concentrations of 0.080 mg/kg and 0.082 mg/kg, respectively, which are less than the NM EMNRD OCD closure criteria of 50 mg/kg. The laboratory analytical results for the other composite soil samples collected from soils remaining at the Site indicate 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 sample S-8 indicate a total combined TPH GRO/DRO/MRO concentration of 18 mg/kg, which is 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.

- The laboratory analytical results for composite soil samples S-3, S-5, S-6, S-7, S-9, and S-10 indicate chloride concentrations ranging from 60 mg/kg (S-6) to 110 mg/kg (S-9 and S-10), which are less than the NM EMNRD OCD closure criteria of 600 mg/kg. The laboratory analytical results for the other composite 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 was backfilled with imported fill and then contoured to the surrounding grade. 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 appears to be predominantly of the Juniper/Grassland Vegetation Community. Enterprise will reseed the area with the appropriate seed mix during the next favorable growing season. Enterprise will provide revegetation documentation under separate cover.

9.0 FINDINGS AND RECOMMENDATION

- Twenty 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 1066 yd³ of petroleum hydrocarbon-affected soils and 35 bbls of hydro-excavated soil cuttings were transported to the Envirotech landfarm for disposal/remediation.

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

10.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

10.1 Standard of Care

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

10.2 Limitations

Findings, conclusions, and recommendations resulting from these services are based upon information derived from the on-Site activities and other services performed under this scope of

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

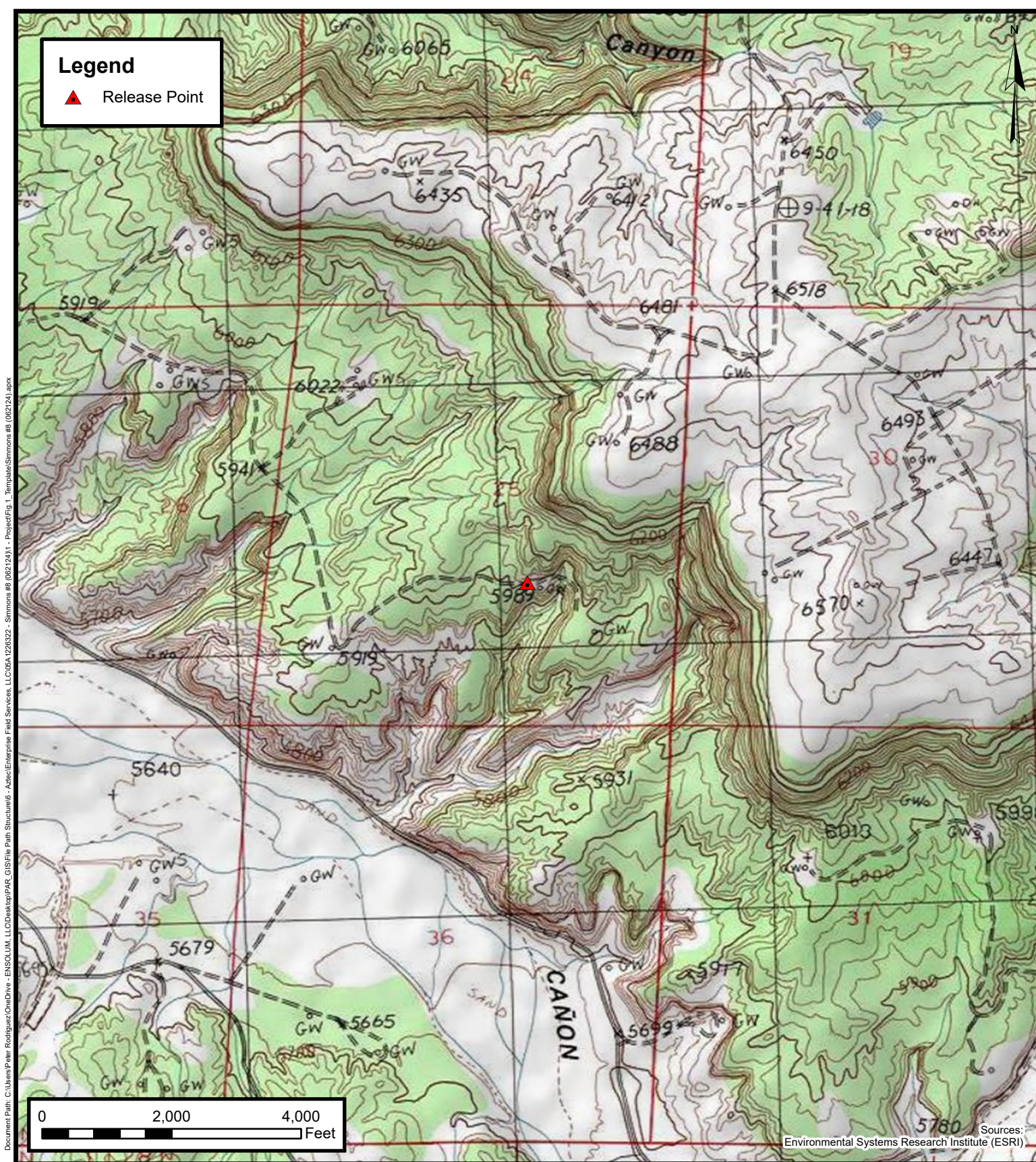
10.3 Reliance

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



APPENDIX A

Figures



Environmental, Engineering and
Hydrogeologic Consultants

Topographic Map

Enterprise Field Services, LLC

Simmons #8 (06/21/24)

Project Number: 05A1226322

Unit Letter J, S25 T29N R09W, San Juan County, New Mexico
36.6944, -107.7306

FIGURE

1



Site Vicinity Map

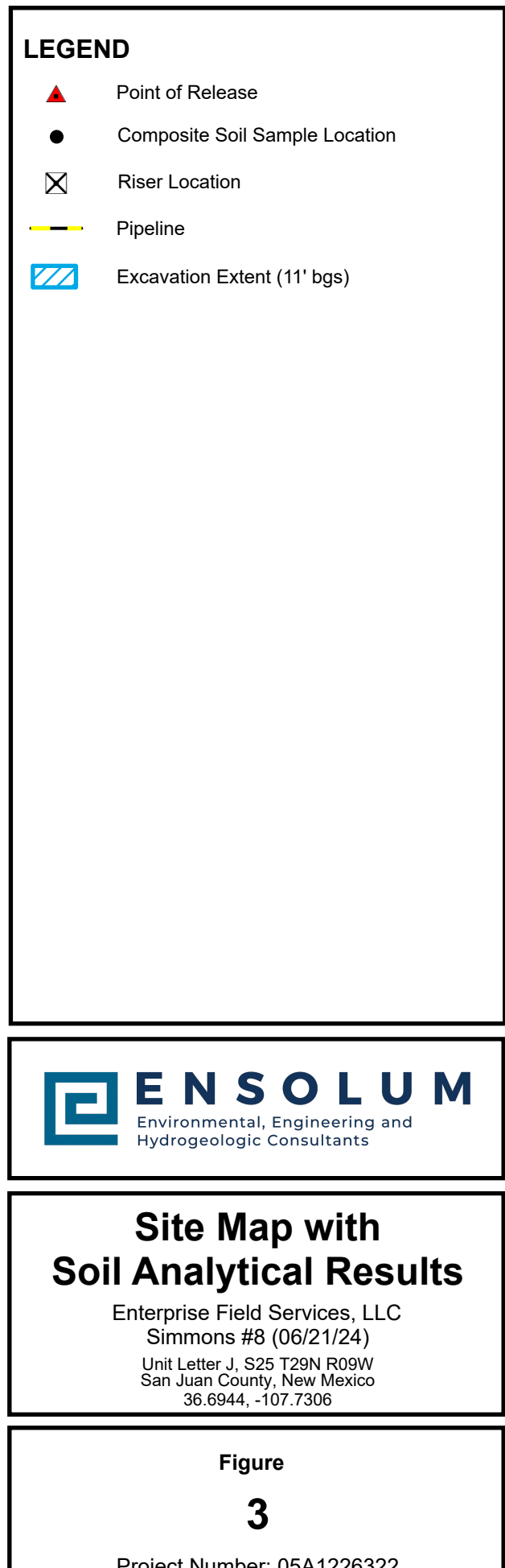
Enterprise Field Services, LLC
Simmons #8 (06/21/24)

Project Number: 05A1226322

Unit Letter J, S25 T29N R09W, San Juan County, New Mexico
36.6944, -107.7306

FIGURE

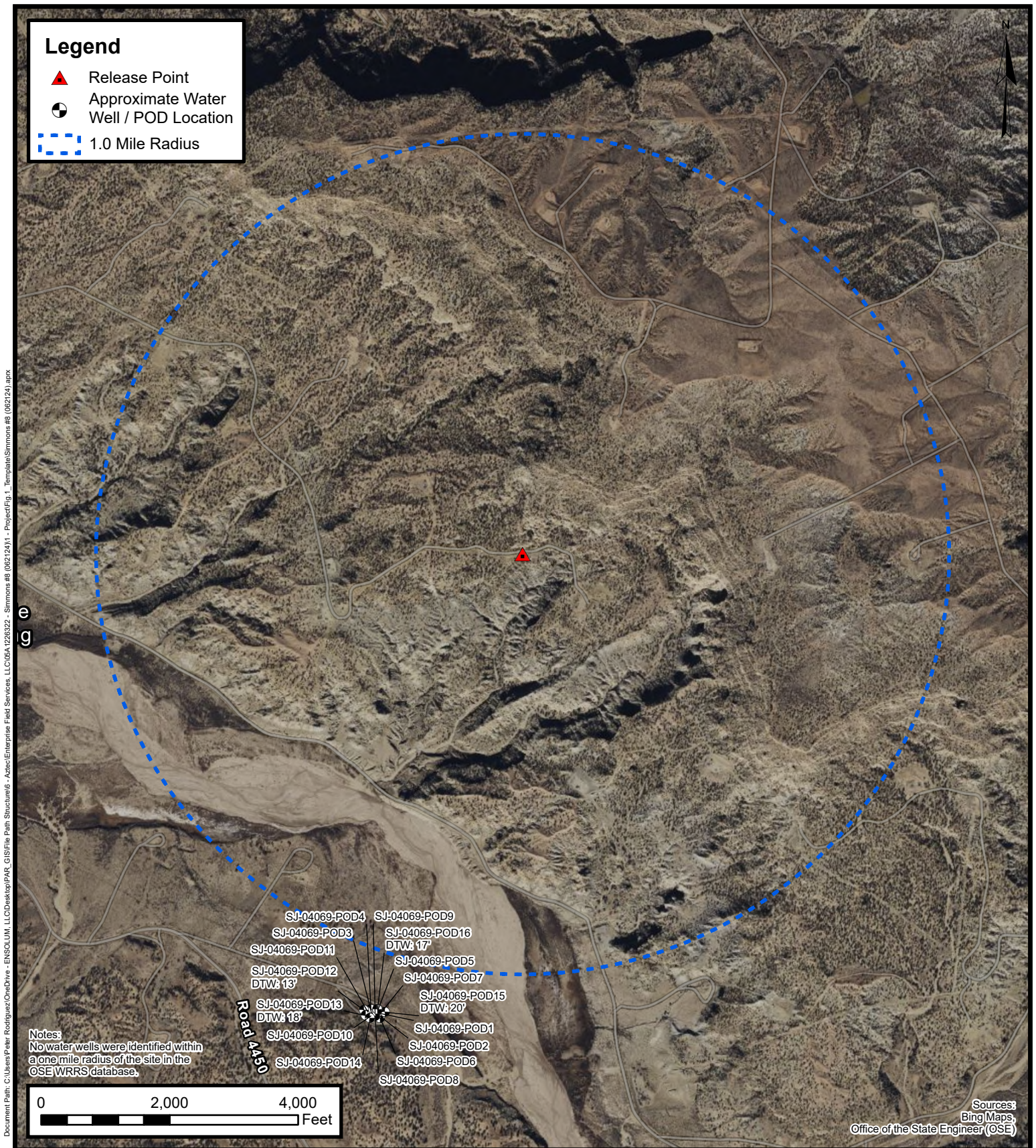
2





APPENDIX B

Siting Figures and Documentation



1.0 Mile Radius Water Well / POD Location Map

Enterprise Field Services, LLC

Simmons #8 (06/21/24)

Project Number: 05A1226322

Unit Letter J, S25 T29N R09W, San Juan County, New Mexico
36.6944, -107.7306

FIGURE

A



Cathodic Protection Well Recorded Depth to Water

Enterprise Field Services, LLC

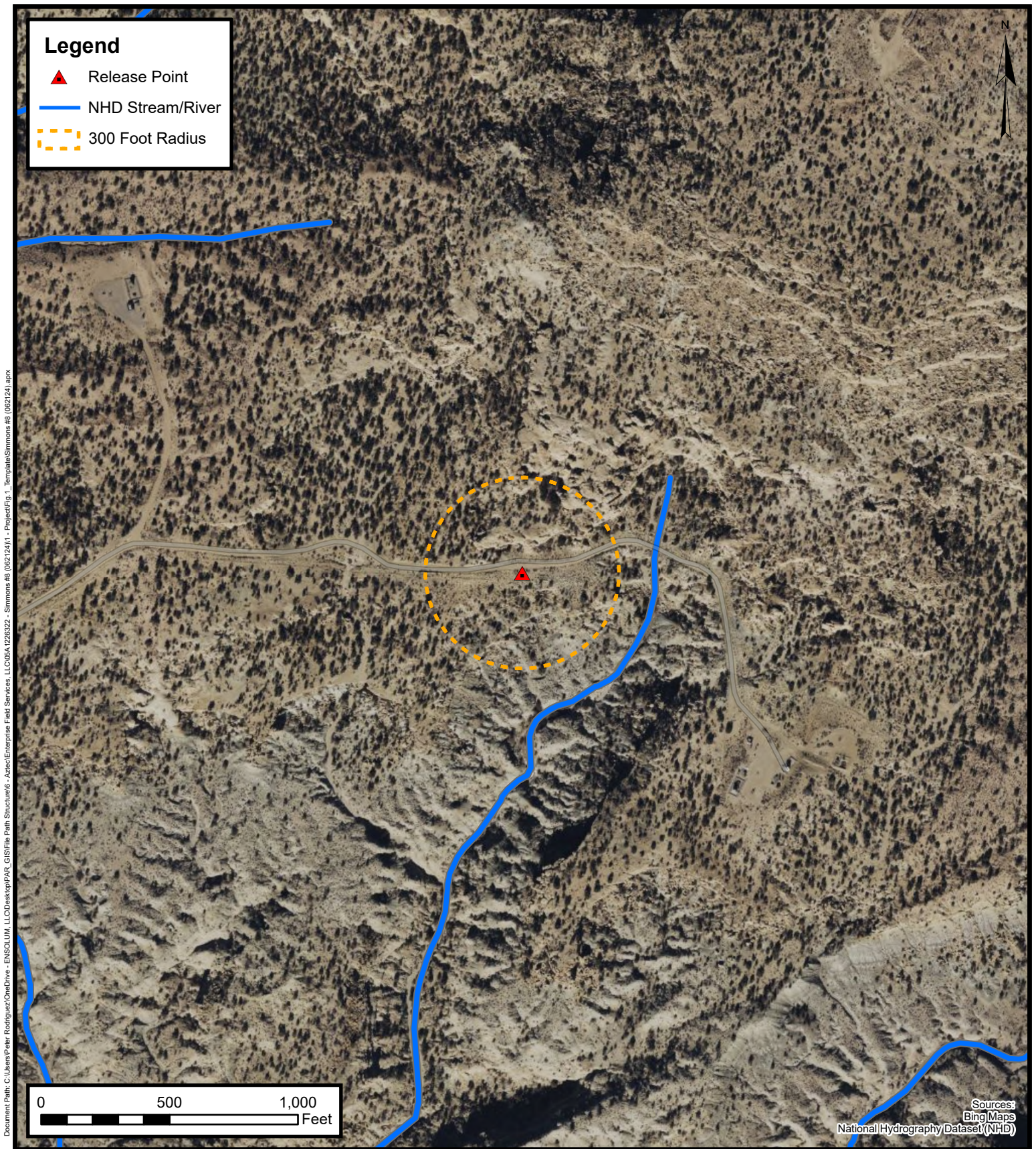
Simmons #8 (06/21/24)

Project Number: 05A1226322

Unit Letter J, S25 T29N R09W, San Juan County, New Mexico
36.6944, -107.7306

FIGURE

B



300 Foot Radius Watercourse and Drainage Identification

Enterprise Field Services, LLC

Simmons #8 (06/21/24)

Project Number: 05A1226322

Unit Letter J, S25 T29N R09W, San Juan County, New Mexico
36.6944, -107.7306

FIGURE

C



**300 Foot Radius Occupied
Structure Identification**

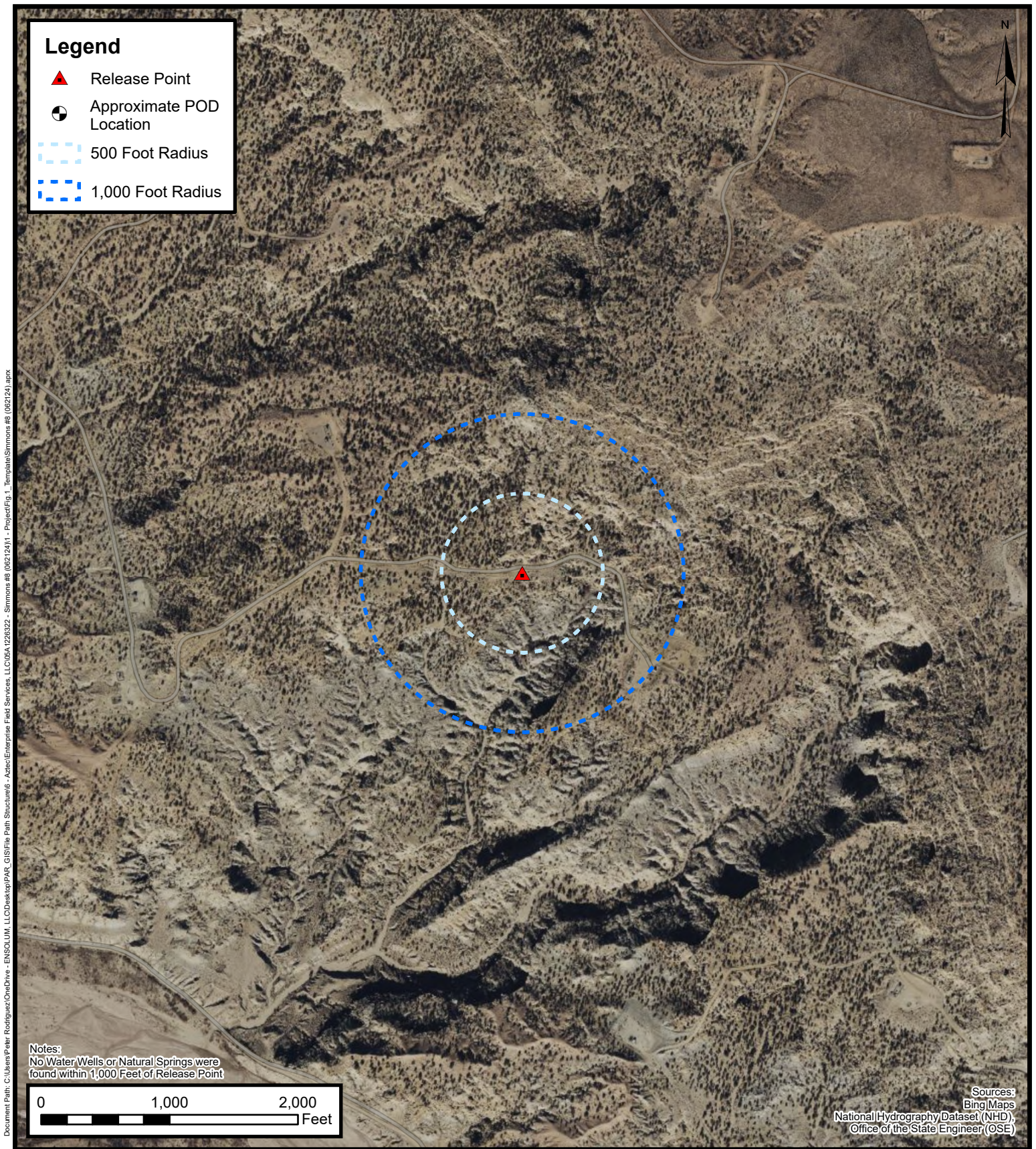
Enterprise Field Services, LLC

Simmons #8 (06/21/24)

Project Number: 05A1226322

Unit Letter J, S25 T29N R09W, San Juan County, New Mexico
36.6944, -107.7306

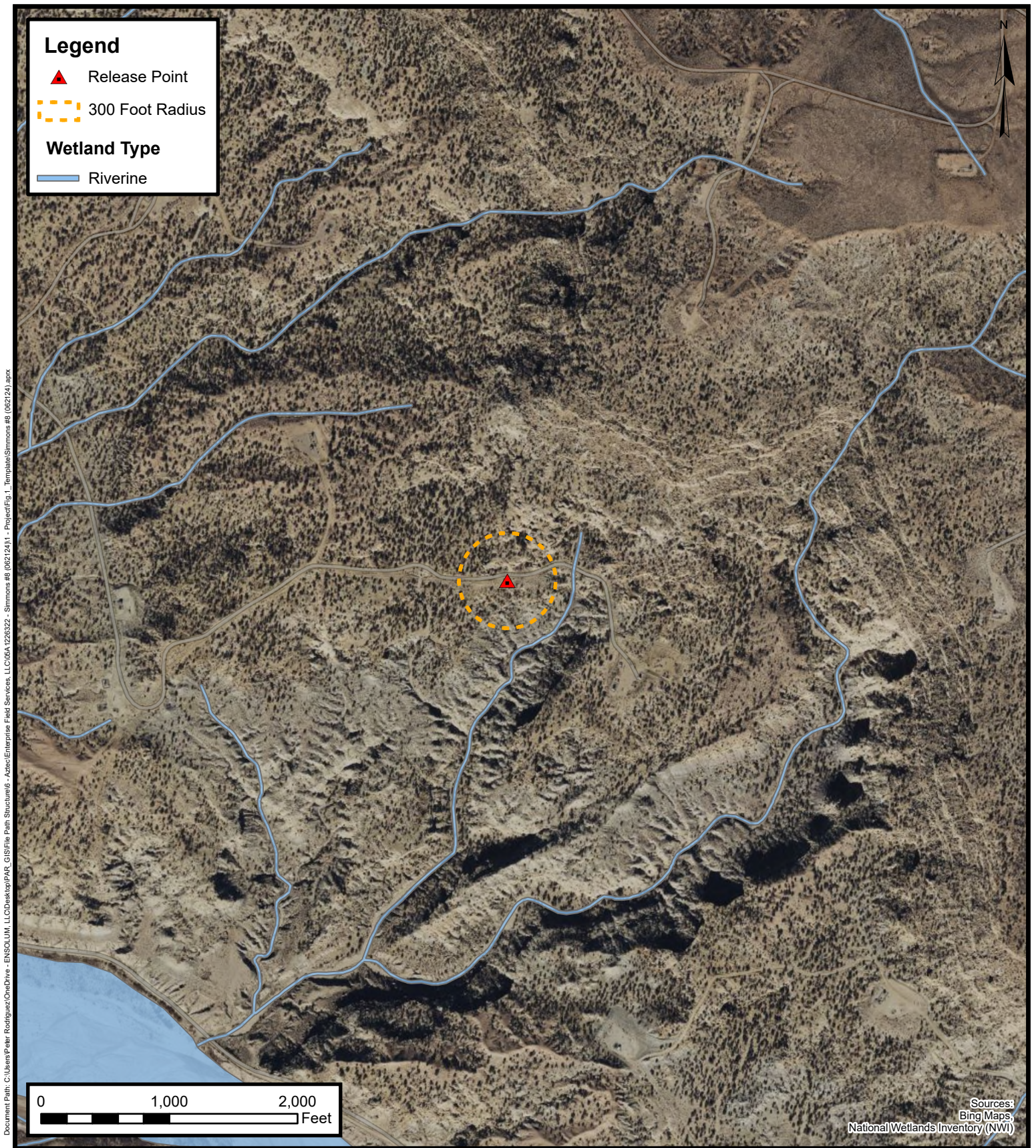
**FIGURE
D**



**Water Well and
Natural Spring Location**
Enterprise Field Services, LLC
Simmons #8 (06/21/24)
Project Number: 05A1226322

Unit Letter J, S25 T29N R09W, San Juan County, New Mexico
36.6944, -107.7306

**FIGURE
E**



Wetlands

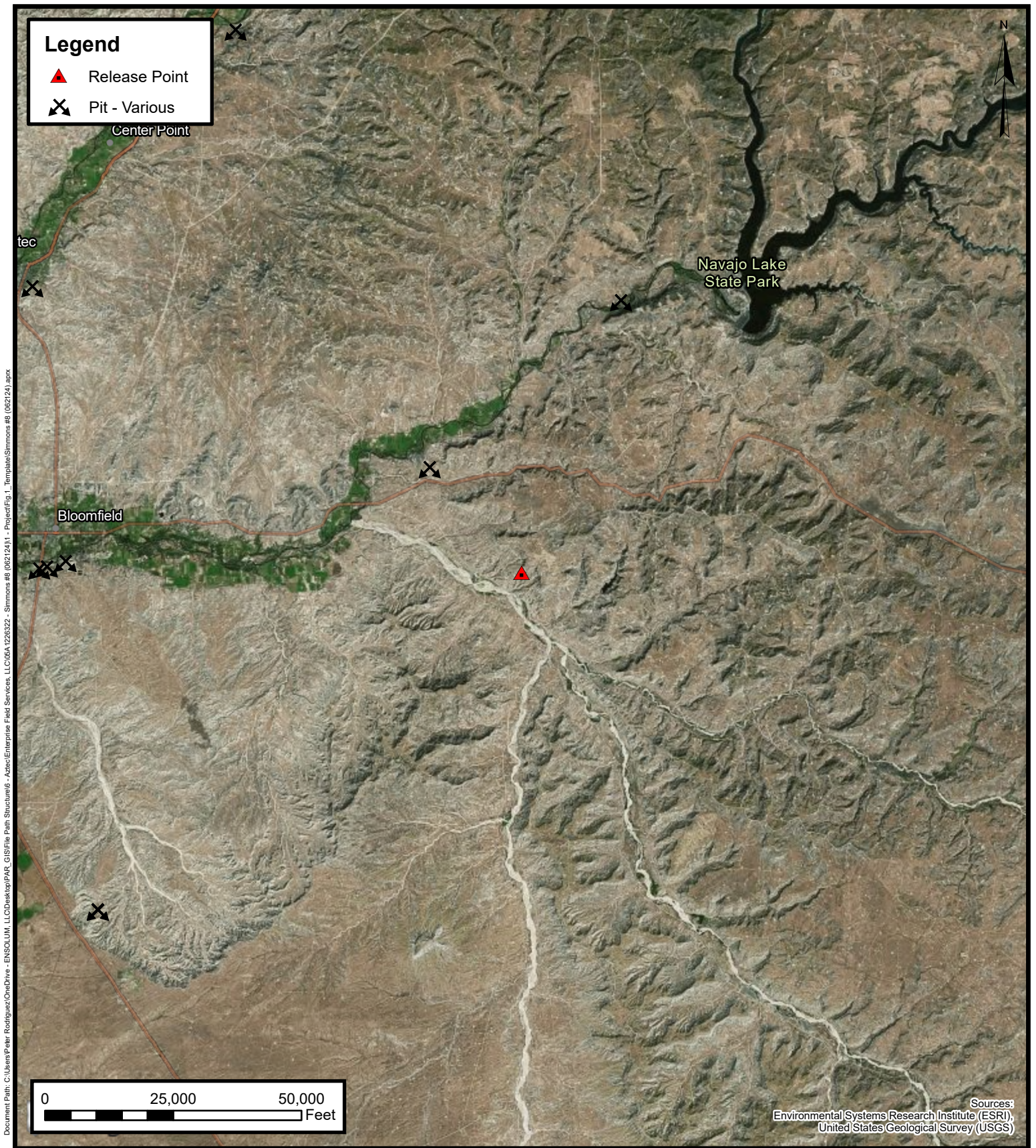
Enterprise Field Services, LLC
Simmons #8 (06/21/24)

Project Number: 05A1226322

Unit Letter J, S25 T29N R09W, San Juan County, New Mexico
36.6944, -107.7306

FIGURE

F



Mines, Mills, and Quarries

Enterprise Field Services, LLC

Simmons #8 (06/21/24)

Project Number: 05A1226322

Unit Letter J, S25 T29N R09W, San Juan County, New Mexico
36.6944, -107.7306

FIGURE

G



Document Path: C:\Users\Peter.Rodriguez\OneDrive - ENSOLUM, LLC\Desktop\PAR_GIS\File Path Structure\6 - Aztec\Enterprise Field Services, LLC\05A1226322 - Simmons #8 (06/21/24) - Project\Fig 1_Template\Simmons #8 (06/21/24).aprx



100-Year Flood Plain Map

Enterprise Field Services, LLC

Simmons #8 (06/21/24)

Project Number: 05A1226322

Unit Letter J, S25 T29N R09W, San Juan County, New Mexico
36.6944, -107.7306

FIGURE

H



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:RB21200

PM: Maron O'Brien

AFE: N73888

2. Originating Site:

Simmons #8

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

UL P Section 25 T29N R9W; 36.6944, -107.7306

June/July 2024

4. Source and Description of Waste:

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

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

Estimated Volume (50) yd³ / bbls Known Volume (to be entered by the operator at the end of the haul) 1066/35 yd³ / bbls

5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS

I, Thomas Long *Thomas Long* 06-24-2024, representative or authorized agent for Enterprise Products Operating do hereby

Generator Signature

certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification)

☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. Operator Use Only: Waste Acceptance Frequency ☐ Monthly ☐ Weekly ☐ Per Load

☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)

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

GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS

I, Thomas Long *Thomas Long* 06-24-2024, 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: TBD

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

SIGNATURE: *Greg Crabtree*

Surface Waste Management Facility Authorized Agent

TITLE: Enviro Manager

TELEPHONE NO.:

DATE: 6/27/24

505-632-0615



APPENDIX D

Photographic Documentation

SITE PHOTOGRAPHS

Closure Report
Enterprise Field Services, LLC
Simmons #8 (06/21/24)
Ensolum Project No. 05A1226322

**Photograph 1**

Photograph Description: View of the in-process excavation activities.

**Photograph 2**

Photograph Description: View of the in-process excavation activities.

**Photograph 3**

Photograph Description: View of final excavation.



SITE PHOTOGRAPHS

Closure Report
Enterprise Field Services, LLC
Simmons #8 (06/21/24)
Ensolum Project No. 05A1226322

**Photograph 4**

Photograph Description: View of final excavation.

**Photograph 5**

Photograph Description: View of the site after initial restoration.

**Photograph 6**

Photograph Description: View of the site after initial restoration.





APPENDIX E

Regulatory Correspondence

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

Sent: Tuesday, July 23, 2024 8:16 AM

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

Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 366352

[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#) nAPP2419132894.

The sampling event is expected to take place:

When: 07/25/2024 @ 09:00

Where: L-25-29N-09W 0 FNL 0 FEL (36.6944,-107.7306)

Additional Information: Ensolum, LLC

Additional Instructions: 36.6944,-107.7306

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

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

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

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

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



APPENDIX F

Table 1 – Soil Analytical Summary

TABLE 1
Simmons #8 (07/18/24)
SOIL ANALYTICAL SUMMARY

Sample I.D.	Date	Sample Type	Sample Depth	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX ¹	TPH GRO	TPH DRO	TPH MRO	Total Combined TPH (GRO/DRO/MRO) ¹	Chloride
		C- Composite G - Grab	(feet)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
New Mexico Energy, Mineral & Natural Resources Department Oil Conservation Division Closure Criteria (Tier I)				10	NE	NE	NE	50	NE	NE	NE	100	600
Excavation Composite Soil Samples													
S-1	07.25.24	C	0 to 11	<0.018	<0.036	<0.036	<0.072	ND	<3.6	<9.6	<48	ND	<60
S-2	07.25.24	C	0 to 11	<0.022	<0.044	<0.044	<0.088	ND	<4.4	<10	<50	ND	<60
S-3	07.25.24	C	0 to 11	<0.017	<0.033	<0.033	<0.066	ND	<3.3	<9.2	<46	ND	61
S-4	07.25.24	C	0 to 11	<0.019	<0.039	<0.039	<0.078	ND	<3.9	<9.5	<48	ND	<60
S-5	07.25.24	C	0 to 11	<0.019	<0.038	<0.038	<0.076	ND	<3.8	<9.4	<47	ND	65
S-6	07.25.24	C	0 to 11	<0.022	<0.043	<0.043	<0.087	ND	<4.3	<9.6	<48	ND	60
S-7	07.25.24	C	0 to 11	<0.023	<0.045	<0.045	<0.091	ND	<4.5	<9.7	<48	ND	61
S-8	07.25.24	C	0 to 11	<0.026	<0.051	<0.051	<0.10	ND	<5.1	18	<46	18	<60
S-9	07.26.24	C	0 to 11	<0.017	<0.033	<0.033	<0.06	ND	<3.3	<9	<49	ND	110
S-10	07.26.24	C	0 to 11	<0.018	<0.036	<0.036	<0.071	ND	<3.6	<9.3	<46	ND	110
S-11	07.26.24	C	0 to 11	<0.021	<0.043	<0.043	<0.086	ND	<4.3	<9.9	<50	ND	<60
S-12	07.26.24	C	0 to 11	<0.018	<0.037	<0.037	<0.074	ND	<3.7	<9.8	<49	ND	<60
F-1	07.25.24	C	11	<0.016	<0.031	<0.031	<0.063	ND	<3.1	<8.9	<45	ND	<60
F-2	07.25.24	C	11	<0.019	<0.039	<0.039	<0.077	ND	<3.9	<9.1	<46	ND	<60
F-3	07.25.24	C	11	<0.017	<0.034	<0.034	0.080	0.080	<3.4	<9.7	<49	ND	<61
F-4	07.25.24	C	11	<0.018	<0.037	<0.037	<0.074	ND	<3.7	<8.9	<45	ND	<60
F-5	07.25.24	C	11	<0.017	<0.035	<0.035	<0.069	ND	<3.5	<9.9	<49	ND	<60
F-6	07.25.24	C	11	<0.025	<0.050	<0.050	<0.099	ND	<5.0	<9.3	<47	ND	<60
F-7	07.26.24	C	11	<0.017	<0.033	<0.033	0.082	0.082	<3.3	<9.7	<49	ND	<60
F-8	07.26.24	C	11	<0.016	<0.033	<0.033	<0.065	ND	<3.3	<9.9	<49	ND	<60

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

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

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

NE = Not established

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



APPENDIX G

Laboratory Data Sheets & Chain of Custody Documentation



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kyle Summers
Ensolum
606 S Rio Grande
Suite A
Aztec, New Mexico 87410
Generated 8/1/2024 11:10:23 AM

JOB DESCRIPTION

Simmons #8

JOB NUMBER

885-8683-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

Eurofins Albuquerque

Job Notes

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

Authorization



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8/1/2024 11:10:23 AM

Authorized for release by
John Caldwell, Project Manager
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(505)345-3975

Client: Ensolum
Project/Site: Simmons #8

Laboratory Job ID: 885-8683-1

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Definitions/Glossary

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

Qualifiers

GC VOA

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

GC Semi VOA

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

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: Simmons #8

Job ID: 885-8683-1

Job ID: 885-8683-1

Eurofins Albuquerque

Job Narrative 885-8683-1

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

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

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

Receipt

The samples were received on 7/26/2024 6:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.1°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: Surrogate recovery for the following samples were outside the upper control limit: F-1 (885-8683-1), F-2 (885-8683-2), F-3 (885-8683-3), F-4 (885-8683-4), F-5 (885-8683-5), S-4 (885-8683-10), S-7 (885-8683-13), (MB 885-9228/1-A) and (885-8684-B-2-A). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015D_DRO: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-9228 and analytical batch 885-9224 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC

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

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

Client Sample ID: F-1
Date Collected: 07/25/24 09:00
Date Received: 07/26/24 06:35

Lab Sample ID: 885-8683-1
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		3.1	mg/Kg		07/26/24 09:01	07/26/24 11:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			07/26/24 09:01	07/26/24 11:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016	mg/Kg		07/26/24 09:01	07/26/24 11:17	1
Ethylbenzene	ND		0.031	mg/Kg		07/26/24 09:01	07/26/24 11:17	1
Toluene	ND		0.031	mg/Kg		07/26/24 09:01	07/26/24 11:17	1
Xylenes, Total	ND		0.063	mg/Kg		07/26/24 09:01	07/26/24 11:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			07/26/24 09:01	07/26/24 11:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.9	mg/Kg		07/26/24 08:07	07/26/24 10:03	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		07/26/24 08:07	07/26/24 10:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	223	S1+	62 - 134			07/26/24 08:07	07/26/24 10:03	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/26/24 08:57	07/26/24 10:20	20

Client Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

Client Sample ID: F-2

Lab Sample ID: 885-8683-2

Date Collected: 07/25/24 09:05

Matrix: Solid

Date Received: 07/26/24 06:35

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		07/26/24 09:01	07/26/24 11:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		35 - 166			07/26/24 09:01	07/26/24 11:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019	mg/Kg		07/26/24 09:01	07/26/24 11:41	1
Ethylbenzene	ND		0.039	mg/Kg		07/26/24 09:01	07/26/24 11:41	1
Toluene	ND		0.039	mg/Kg		07/26/24 09:01	07/26/24 11:41	1
Xylenes, Total	ND		0.077	mg/Kg		07/26/24 09:01	07/26/24 11:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145			07/26/24 09:01	07/26/24 11:41	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		9.1	mg/Kg		07/26/24 08:07	07/26/24 10:13	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		07/26/24 08:07	07/26/24 10:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	209	S1+	62 - 134			07/26/24 08:07	07/26/24 10:13	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/26/24 08:57	07/26/24 10:33	20

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Client Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

Client Sample ID: F-3
Date Collected: 07/25/24 09:10
Date Received: 07/26/24 06:35

Lab Sample ID: 885-8683-3
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		3.4	mg/Kg		07/26/24 09:01	07/26/24 12:04	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	103		35 - 166			07/26/24 09:01	07/26/24 12:04	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.017	mg/Kg		07/26/24 09:01	07/26/24 12:04	1	
Ethylbenzene	ND		0.034	mg/Kg		07/26/24 09:01	07/26/24 12:04	1	
Toluene	ND		0.034	mg/Kg		07/26/24 09:01	07/26/24 12:04	1	
Xylenes, Total	0.080		0.068	mg/Kg		07/26/24 09:01	07/26/24 12:04	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	91		48 - 145			07/26/24 09:01	07/26/24 12:04	1	
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		07/26/24 08:07	07/26/24 10:24	1	
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		07/26/24 08:07	07/26/24 10:24	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	212	S1+	62 - 134			07/26/24 08:07	07/26/24 10:24	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		61	mg/Kg		07/26/24 08:57	07/26/24 10:46	20	

Client Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

Client Sample ID: F-4
Date Collected: 07/25/24 09:15
Date Received: 07/26/24 06:35

Lab Sample ID: 885-8683-4
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		3.7	mg/Kg		07/26/24 09:01	07/26/24 12:28	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	96		35 - 166			07/26/24 09:01	07/26/24 12:28	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.018	mg/Kg		07/26/24 09:01	07/26/24 12:28	1	
Ethylbenzene	ND		0.037	mg/Kg		07/26/24 09:01	07/26/24 12:28	1	
Toluene	ND		0.037	mg/Kg		07/26/24 09:01	07/26/24 12:28	1	
Xylenes, Total	ND		0.074	mg/Kg		07/26/24 09:01	07/26/24 12:28	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	89		48 - 145			07/26/24 09:01	07/26/24 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		8.9	mg/Kg		07/26/24 08:07	07/26/24 10:35	1	
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		07/26/24 08:07	07/26/24 10:35	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	223	S1+	62 - 134			07/26/24 08:07	07/26/24 10:35	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		60	mg/Kg		07/26/24 08:57	07/26/24 10:58	20	

Client Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

Client Sample ID: F-5
Date Collected: 07/25/24 09:20
Date Received: 07/26/24 06:35

Lab Sample ID: 885-8683-5
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		3.5	mg/Kg		07/26/24 09:01	07/26/24 12:51	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	96		35 - 166			07/26/24 09:01	07/26/24 12:51	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.017	mg/Kg		07/26/24 09:01	07/26/24 12:51	1	
Ethylbenzene	ND		0.035	mg/Kg		07/26/24 09:01	07/26/24 12:51	1	
Toluene	ND		0.035	mg/Kg		07/26/24 09:01	07/26/24 12:51	1	
Xylenes, Total	ND		0.069	mg/Kg		07/26/24 09:01	07/26/24 12:51	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	89		48 - 145			07/26/24 09:01	07/26/24 12:51	1	
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		07/26/24 08:07	07/26/24 10:45	1	
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		07/26/24 08:07	07/26/24 10:45	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	225	S1+	62 - 134			07/26/24 08:07	07/26/24 10:45	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		60	mg/Kg		07/26/24 08:57	07/26/24 11:11	20	

Client Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

Client Sample ID: F-6
Date Collected: 07/25/24 09:25
Date Received: 07/26/24 06:35

Lab Sample ID: 885-8683-6
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		5.0	mg/Kg		07/26/24 09:01	07/26/24 13:15	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	96		35 - 166			07/26/24 09:01	07/26/24 13:15	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.025	mg/Kg		07/26/24 09:01	07/26/24 13:15	1	
Ethylbenzene	ND		0.050	mg/Kg		07/26/24 09:01	07/26/24 13:15	1	
Toluene	ND		0.050	mg/Kg		07/26/24 09:01	07/26/24 13:15	1	
Xylenes, Total	ND		0.099	mg/Kg		07/26/24 09:01	07/26/24 13:15	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	89		48 - 145			07/26/24 09:01	07/26/24 13:15	1	
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		07/26/24 08:07	07/26/24 10:56	1	
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		07/26/24 08:07	07/26/24 10:56	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	130		62 - 134			07/26/24 08:07	07/26/24 10:56	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		60	mg/Kg		07/26/24 08:57	07/26/24 11:24	20	

Client Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

Client Sample ID: S-1

Lab Sample ID: 885-8683-7

Date Collected: 07/25/24 09:30

Matrix: Solid

Date Received: 07/26/24 06:35

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.6	mg/Kg		07/26/24 09:01	07/26/24 13:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		35 - 166			07/26/24 09:01	07/26/24 13:38	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		07/26/24 09:01	07/26/24 13:38	1
Ethylbenzene	ND		0.036	mg/Kg		07/26/24 09:01	07/26/24 13:38	1
Toluene	ND		0.036	mg/Kg		07/26/24 09:01	07/26/24 13:38	1
Xylenes, Total	ND		0.072	mg/Kg		07/26/24 09:01	07/26/24 13:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		48 - 145			07/26/24 09:01	07/26/24 13:38	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]	ND		9.6	mg/Kg		07/26/24 08:07	07/26/24 11:07	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		07/26/24 08:07	07/26/24 11:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	125		62 - 134			07/26/24 08:07	07/26/24 11:07	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/26/24 08:57	07/26/24 11:37	20

Client Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

Client Sample ID: S-2

Lab Sample ID: 885-8683-8

Date Collected: 07/25/24 09:35

Matrix: Solid

Date Received: 07/26/24 06:35

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.4	mg/Kg		07/26/24 09:01	07/26/24 14:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		35 - 166			07/26/24 09:01	07/26/24 14:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.022	mg/Kg		07/26/24 09:01	07/26/24 14:02	1
Ethylbenzene	ND		0.044	mg/Kg		07/26/24 09:01	07/26/24 14:02	1
Toluene	ND		0.044	mg/Kg		07/26/24 09:01	07/26/24 14:02	1
Xylenes, Total	ND		0.088	mg/Kg		07/26/24 09:01	07/26/24 14:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		48 - 145			07/26/24 09:01	07/26/24 14:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		07/26/24 08:07	07/26/24 11:18	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		07/26/24 08:07	07/26/24 11:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	127		62 - 134			07/26/24 08:07	07/26/24 11:18	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/26/24 08:57	07/26/24 11:50	20

Client Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

Client Sample ID: S-3

Lab Sample ID: 885-8683-9

Date Collected: 07/25/24 09:40

Matrix: Solid

Date Received: 07/26/24 06:35

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		3.3	mg/Kg		07/26/24 09:01	07/26/24 14:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		35 - 166			07/26/24 09:01	07/26/24 14:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.017	mg/Kg		07/26/24 09:01	07/26/24 14:26	1
Ethylbenzene	ND		0.033	mg/Kg		07/26/24 09:01	07/26/24 14:26	1
Toluene	ND		0.033	mg/Kg		07/26/24 09:01	07/26/24 14:26	1
Xylenes, Total	ND		0.066	mg/Kg		07/26/24 09:01	07/26/24 14:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		48 - 145			07/26/24 09:01	07/26/24 14:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2	mg/Kg		07/26/24 08:07	07/26/24 11:39	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		07/26/24 08:07	07/26/24 11:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	134		62 - 134			07/26/24 08:07	07/26/24 11:39	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61		60	mg/Kg		07/26/24 08:57	07/26/24 12:28	20

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Client Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

Client Sample ID: S-4
Date Collected: 07/25/24 09:45
Date Received: 07/26/24 06:35

Lab Sample ID: 885-8683-10
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		07/26/24 09:01	07/26/24 14:49	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	99		35 - 166			07/26/24 09:01	07/26/24 14:49	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.019	mg/Kg		07/26/24 09:01	07/26/24 14:49	1	
Ethylbenzene	ND		0.039	mg/Kg		07/26/24 09:01	07/26/24 14:49	1	
Toluene	ND		0.039	mg/Kg		07/26/24 09:01	07/26/24 14:49	1	
Xylenes, Total	ND		0.078	mg/Kg		07/26/24 09:01	07/26/24 14:49	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	89		48 - 145			07/26/24 09:01	07/26/24 14:49	1	
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		07/26/24 08:07	07/26/24 11:50	1	
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		07/26/24 08:07	07/26/24 11:50	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	138	S1+	62 - 134			07/26/24 08:07	07/26/24 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		07/26/24 08:57	07/26/24 12:41	20	

Client Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

Client Sample ID: S-5
Date Collected: 07/25/24 09:50
Date Received: 07/26/24 06:35

Lab Sample ID: 885-8683-11
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		07/26/24 09:15	07/26/24 13:07	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	92		35 - 166			07/26/24 09:15	07/26/24 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		07/26/24 09:15	07/26/24 13:07	1	
Ethylbenzene	ND		0.038	mg/Kg		07/26/24 09:15	07/26/24 13:07	1	
Toluene	ND		0.038	mg/Kg		07/26/24 09:15	07/26/24 13:07	1	
Xylenes, Total	ND		0.076	mg/Kg		07/26/24 09:15	07/26/24 13:07	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	87		48 - 145			07/26/24 09:15	07/26/24 13:07	1	
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		07/26/24 08:07	07/26/24 12:01	1	
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		07/26/24 08:07	07/26/24 12:01	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	133		62 - 134			07/26/24 08:07	07/26/24 12:01	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	65		60	mg/Kg		07/26/24 08:57	07/26/24 10:27	20	

Client Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

Client Sample ID: S-6
Date Collected: 07/25/24 09:55
Date Received: 07/26/24 06:35

Lab Sample ID: 885-8683-12
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		4.3	mg/Kg		07/26/24 09:15	07/26/24 13:29	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	101		35 - 166			07/26/24 09:15	07/26/24 13:29	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.022	mg/Kg		07/26/24 09:15	07/26/24 13:29	1	
Ethylbenzene	ND		0.043	mg/Kg		07/26/24 09:15	07/26/24 13:29	1	
Toluene	ND		0.043	mg/Kg		07/26/24 09:15	07/26/24 13:29	1	
Xylenes, Total	ND		0.087	mg/Kg		07/26/24 09:15	07/26/24 13:29	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	90		48 - 145			07/26/24 09:15	07/26/24 13:29	1	
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		07/26/24 08:07	07/26/24 12:12	1	
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		07/26/24 08:07	07/26/24 12:12	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	126		62 - 134			07/26/24 08:07	07/26/24 12:12	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	60		60	mg/Kg		07/26/24 08:57	07/26/24 10:40	20	

Client Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

Client Sample ID: S-7
Date Collected: 07/25/24 10:00
Date Received: 07/26/24 06:35

Lab Sample ID: 885-8683-13
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		07/26/24 09:15	07/26/24 13:51	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	92		35 - 166			07/26/24 09:15	07/26/24 13:51	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.023	mg/Kg		07/26/24 09:15	07/26/24 13:51	1	
Ethylbenzene	ND		0.045	mg/Kg		07/26/24 09:15	07/26/24 13:51	1	
Toluene	ND		0.045	mg/Kg		07/26/24 09:15	07/26/24 13:51	1	
Xylenes, Total	ND		0.091	mg/Kg		07/26/24 09:15	07/26/24 13:51	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	90		48 - 145			07/26/24 09:15	07/26/24 13:51	1	
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		07/26/24 08:07	07/26/24 12:23	1	
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		07/26/24 08:07	07/26/24 12:23	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	169	S1+	62 - 134			07/26/24 08:07	07/26/24 12:23	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	61		60	mg/Kg		07/26/24 08:57	07/26/24 10:52	20	

Client Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

Client Sample ID: S-8

Lab Sample ID: 885-8683-14

Date Collected: 07/25/24 10:05

Matrix: Solid

Date Received: 07/26/24 06:35

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		5.1	mg/Kg		07/26/24 09:15	07/26/24 14:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		35 - 166			07/26/24 09:15	07/26/24 14:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.026	mg/Kg		07/26/24 09:15	07/26/24 14:12	1
Ethylbenzene	ND		0.051	mg/Kg		07/26/24 09:15	07/26/24 14:12	1
Toluene	ND		0.051	mg/Kg		07/26/24 09:15	07/26/24 14:12	1
Xylenes, Total	ND		0.10	mg/Kg		07/26/24 09:15	07/26/24 14:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145			07/26/24 09:15	07/26/24 14:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	18		9.2	mg/Kg		07/26/24 08:07	07/26/24 12:34	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		07/26/24 08:07	07/26/24 12:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	123		62 - 134			07/26/24 08:07	07/26/24 12:34	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/26/24 08:57	07/26/24 11:04	20

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QC Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

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

Lab Sample ID: MB 885-9233/1-A

Matrix: Solid

Analysis Batch: 9284

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9233

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		07/26/24 09:01	07/26/24 10:53	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		35 - 166			07/26/24 09:01	07/26/24 10:53	1

Lab Sample ID: LCS 885-9233/2-A

Matrix: Solid

Analysis Batch: 9284

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 9233

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	23.1		mg/Kg		92	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	194	S1+	35 - 166				

Lab Sample ID: 885-8683-1 MS

Matrix: Solid

Analysis Batch: 9284

Client Sample ID: F-1

Prep Type: Total/NA

Prep Batch: 9233

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		15.7	15.9		mg/Kg		101	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	208	S1+	35 - 166						

Lab Sample ID: 885-8683-1 MSD

Matrix: Solid

Analysis Batch: 9284

Client Sample ID: F-1

Prep Type: Total/NA

Prep Batch: 9233

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		15.7	16.2		mg/Kg		103	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	212	S1+	35 - 166								

Lab Sample ID: MB 885-9235/1-A

Matrix: Solid

Analysis Batch: 9282

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9235

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		07/26/24 09:15	07/26/24 12:01	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		35 - 166			07/26/24 09:15	07/26/24 12:01	1

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QC Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

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

Lab Sample ID: LCS 885-9235/2-A

Matrix: Solid

Analysis Batch: 9282

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 9235

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics [C6 - C10]			25.0	23.5		mg/Kg		94	70 - 130		
			LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	198	S1+	35 - 166								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-9233/1-A

Matrix: Solid

Analysis Batch: 9285

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9233

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	ND		0.025	mg/Kg		07/26/24 09:01	07/26/24 10:53	1
Ethylbenzene	ND		0.050	mg/Kg		07/26/24 09:01	07/26/24 10:53	1
Toluene	ND		0.050	mg/Kg		07/26/24 09:01	07/26/24 10:53	1
Xylenes, Total	ND		0.10	mg/Kg		07/26/24 09:01	07/26/24 10:53	1
Surrogate	%Recovery	MB Qualifier	MB Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145			07/26/24 09:01	07/26/24 10:53	1

Lab Sample ID: LCS 885-9233/3-A

Matrix: Solid

Analysis Batch: 9285

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 9233

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.910		mg/Kg		91	70 - 130
Ethylbenzene	1.00	0.859		mg/Kg		86	70 - 130
Toluene	1.00	0.862		mg/Kg		86	70 - 130
Xylenes, Total	3.00	2.60		mg/Kg		87	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	92		48 - 145				

Lab Sample ID: 885-8683-2 MS

Matrix: Solid

Analysis Batch: 9285

Client Sample ID: F-2

Prep Type: Total/NA

Prep Batch: 9233

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	ND		0.772	0.667		mg/Kg		86	70 - 130		
Ethylbenzene	ND		0.772	0.636		mg/Kg		82	70 - 130		
Toluene	ND		0.772	0.634		mg/Kg		82	70 - 130		
Xylenes, Total	ND		2.32	1.92		mg/Kg		82	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	89		48 - 145								

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QC Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

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

Lab Sample ID: 885-8683-2 MSD

Matrix: Solid

Analysis Batch: 9285

Client Sample ID: F-2

Prep Type: Total/NA

Prep Batch: 9233

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.772	0.673		mg/Kg		87	70 - 130	1	20
Ethylbenzene	ND		0.772	0.656		mg/Kg		85	70 - 130	3	20
Toluene	ND		0.772	0.641		mg/Kg		83	70 - 130	1	20
Xylenes, Total	ND		2.32	1.97		mg/Kg		84	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	94		48 - 145								

Lab Sample ID: MB 885-9235/1-A

Matrix: Solid

Analysis Batch: 9283

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9235

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		07/26/24 09:15	07/26/24 12:01	1
Ethylbenzene	ND		0.050	mg/Kg		07/26/24 09:15	07/26/24 12:01	1
Toluene	ND		0.050	mg/Kg		07/26/24 09:15	07/26/24 12:01	1
Xylenes, Total	ND		0.10	mg/Kg		07/26/24 09:15	07/26/24 12:01	1
Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac		
4-Bromofluorobenzene (Surr)	84		48 - 145	07/26/24 09:15	07/26/24 12:01	1		

Lab Sample ID: LCS 885-9235/3-A

Matrix: Solid

Analysis Batch: 9283

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 9235

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.852		mg/Kg		85	70 - 130
Ethylbenzene	1.00	0.883		mg/Kg		88	70 - 130
Toluene	1.00	0.867		mg/Kg		87	70 - 130
Xylenes, Total	3.00	2.68		mg/Kg		89	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	91		48 - 145				

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

Lab Sample ID: MB 885-9228/1-A

Matrix: Solid

Analysis Batch: 9224

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9228

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		07/26/24 08:07	07/26/24 09:41	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		07/26/24 08:07	07/26/24 09:41	1
Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac		
Di-n-octyl phthalate (Surr)	208	S1+	62 - 134	07/26/24 08:07	07/26/24 09:41	1		

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QC Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

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

Lab Sample ID: LCS 885-9228/2-A				Client Sample ID: Lab Control Sample			
Matrix: Solid				Prep Type: Total/NA			
Analysis Batch: 9224				Prep Batch: 9228			
Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec Limits
Diesel Range Organics [C10-C28]		50.0	46.0		mg/Kg		92 60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	96		62 - 134				

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-9232/1-A				Client Sample ID: Method Blank			
Matrix: Solid				Prep Type: Total/NA			
Analysis Batch: 9280				Prep Batch: 9232			
Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed Dil Fac
Chloride	ND		3.0	mg/Kg		07/26/24 08:57	07/26/24 09:52 1
Lab Sample ID: LCS 885-9232/2-A				Client Sample ID: Lab Control Sample			
Matrix: Solid				Prep Type: Total/NA			
Analysis Batch: 9280				Prep Batch: 9232			
Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec Limits
Chloride		30.0	27.3		mg/Kg		91 90 - 110

QC Association Summary

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

GC VOA

Prep Batch: 9233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8683-1	F-1	Total/NA	Solid	5035	
885-8683-2	F-2	Total/NA	Solid	5035	
885-8683-3	F-3	Total/NA	Solid	5035	
885-8683-4	F-4	Total/NA	Solid	5035	
885-8683-5	F-5	Total/NA	Solid	5035	
885-8683-6	F-6	Total/NA	Solid	5035	
885-8683-7	S-1	Total/NA	Solid	5035	
885-8683-8	S-2	Total/NA	Solid	5035	
885-8683-9	S-3	Total/NA	Solid	5035	
885-8683-10	S-4	Total/NA	Solid	5035	
MB 885-9233/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-9233/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-9233/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-8683-1 MS	F-1	Total/NA	Solid	5035	
885-8683-1 MSD	F-1	Total/NA	Solid	5035	
885-8683-2 MS	F-2	Total/NA	Solid	5035	
885-8683-2 MSD	F-2	Total/NA	Solid	5035	

Prep Batch: 9235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8683-11	S-5	Total/NA	Solid	5035	
885-8683-12	S-6	Total/NA	Solid	5035	
885-8683-13	S-7	Total/NA	Solid	5035	
885-8683-14	S-8	Total/NA	Solid	5035	
MB 885-9235/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-9235/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-9235/3-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 9282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8683-11	S-5	Total/NA	Solid	8015M/D	9235
885-8683-12	S-6	Total/NA	Solid	8015M/D	9235
885-8683-13	S-7	Total/NA	Solid	8015M/D	9235
885-8683-14	S-8	Total/NA	Solid	8015M/D	9235
MB 885-9235/1-A	Method Blank	Total/NA	Solid	8015M/D	9235
LCS 885-9235/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9235

Analysis Batch: 9283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8683-11	S-5	Total/NA	Solid	8021B	9235
885-8683-12	S-6	Total/NA	Solid	8021B	9235
885-8683-13	S-7	Total/NA	Solid	8021B	9235
885-8683-14	S-8	Total/NA	Solid	8021B	9235
MB 885-9235/1-A	Method Blank	Total/NA	Solid	8021B	9235
LCS 885-9235/3-A	Lab Control Sample	Total/NA	Solid	8021B	9235

Analysis Batch: 9284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8683-1	F-1	Total/NA	Solid	8015M/D	9233
885-8683-2	F-2	Total/NA	Solid	8015M/D	9233
885-8683-3	F-3	Total/NA	Solid	8015M/D	9233

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QC Association Summary

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

GC VOA (Continued)

Analysis Batch: 9284 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8683-4	F-4	Total/NA	Solid	8015M/D	9233
885-8683-5	F-5	Total/NA	Solid	8015M/D	9233
885-8683-6	F-6	Total/NA	Solid	8015M/D	9233
885-8683-7	S-1	Total/NA	Solid	8015M/D	9233
885-8683-8	S-2	Total/NA	Solid	8015M/D	9233
885-8683-9	S-3	Total/NA	Solid	8015M/D	9233
885-8683-10	S-4	Total/NA	Solid	8015M/D	9233
MB 885-9233/1-A	Method Blank	Total/NA	Solid	8015M/D	9233
LCS 885-9233/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9233
885-8683-1 MS	F-1	Total/NA	Solid	8015M/D	9233
885-8683-1 MSD	F-1	Total/NA	Solid	8015M/D	9233

Analysis Batch: 9285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8683-1	F-1	Total/NA	Solid	8021B	9233
885-8683-2	F-2	Total/NA	Solid	8021B	9233
885-8683-3	F-3	Total/NA	Solid	8021B	9233
885-8683-4	F-4	Total/NA	Solid	8021B	9233
885-8683-5	F-5	Total/NA	Solid	8021B	9233
885-8683-6	F-6	Total/NA	Solid	8021B	9233
885-8683-7	S-1	Total/NA	Solid	8021B	9233
885-8683-8	S-2	Total/NA	Solid	8021B	9233
885-8683-9	S-3	Total/NA	Solid	8021B	9233
885-8683-10	S-4	Total/NA	Solid	8021B	9233
MB 885-9233/1-A	Method Blank	Total/NA	Solid	8021B	9233
LCS 885-9233/3-A	Lab Control Sample	Total/NA	Solid	8021B	9233
885-8683-2 MS	F-2	Total/NA	Solid	8021B	9233
885-8683-2 MSD	F-2	Total/NA	Solid	8021B	9233

GC Semi VOA

Analysis Batch: 9224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8683-1	F-1	Total/NA	Solid	8015M/D	9228
885-8683-2	F-2	Total/NA	Solid	8015M/D	9228
885-8683-3	F-3	Total/NA	Solid	8015M/D	9228
885-8683-4	F-4	Total/NA	Solid	8015M/D	9228
885-8683-5	F-5	Total/NA	Solid	8015M/D	9228
885-8683-6	F-6	Total/NA	Solid	8015M/D	9228
885-8683-7	S-1	Total/NA	Solid	8015M/D	9228
885-8683-8	S-2	Total/NA	Solid	8015M/D	9228
885-8683-9	S-3	Total/NA	Solid	8015M/D	9228
885-8683-10	S-4	Total/NA	Solid	8015M/D	9228
885-8683-11	S-5	Total/NA	Solid	8015M/D	9228
885-8683-12	S-6	Total/NA	Solid	8015M/D	9228
885-8683-13	S-7	Total/NA	Solid	8015M/D	9228
885-8683-14	S-8	Total/NA	Solid	8015M/D	9228
MB 885-9228/1-A	Method Blank	Total/NA	Solid	8015M/D	9228
LCS 885-9228/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9228

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QC Association Summary

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

GC Semi VOA

Prep Batch: 9228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8683-1	F-1	Total/NA	Solid	SHAKE	
885-8683-2	F-2	Total/NA	Solid	SHAKE	
885-8683-3	F-3	Total/NA	Solid	SHAKE	
885-8683-4	F-4	Total/NA	Solid	SHAKE	
885-8683-5	F-5	Total/NA	Solid	SHAKE	
885-8683-6	F-6	Total/NA	Solid	SHAKE	
885-8683-7	S-1	Total/NA	Solid	SHAKE	
885-8683-8	S-2	Total/NA	Solid	SHAKE	
885-8683-9	S-3	Total/NA	Solid	SHAKE	
885-8683-10	S-4	Total/NA	Solid	SHAKE	
885-8683-11	S-5	Total/NA	Solid	SHAKE	
885-8683-12	S-6	Total/NA	Solid	SHAKE	
885-8683-13	S-7	Total/NA	Solid	SHAKE	
885-8683-14	S-8	Total/NA	Solid	SHAKE	
MB 885-9228/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-9228/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 9232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8683-1	F-1	Total/NA	Solid	300_Prep	
885-8683-2	F-2	Total/NA	Solid	300_Prep	
885-8683-3	F-3	Total/NA	Solid	300_Prep	
885-8683-4	F-4	Total/NA	Solid	300_Prep	
885-8683-5	F-5	Total/NA	Solid	300_Prep	
885-8683-6	F-6	Total/NA	Solid	300_Prep	
885-8683-7	S-1	Total/NA	Solid	300_Prep	
885-8683-8	S-2	Total/NA	Solid	300_Prep	
885-8683-9	S-3	Total/NA	Solid	300_Prep	
885-8683-10	S-4	Total/NA	Solid	300_Prep	
885-8683-11	S-5	Total/NA	Solid	300_Prep	
885-8683-12	S-6	Total/NA	Solid	300_Prep	
885-8683-13	S-7	Total/NA	Solid	300_Prep	
885-8683-14	S-8	Total/NA	Solid	300_Prep	
MB 885-9232/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-9232/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 9237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8683-1	F-1	Total/NA	Solid	300.0	9232
885-8683-2	F-2	Total/NA	Solid	300.0	9232
885-8683-3	F-3	Total/NA	Solid	300.0	9232
885-8683-4	F-4	Total/NA	Solid	300.0	9232
885-8683-5	F-5	Total/NA	Solid	300.0	9232
885-8683-6	F-6	Total/NA	Solid	300.0	9232
885-8683-7	S-1	Total/NA	Solid	300.0	9232
885-8683-8	S-2	Total/NA	Solid	300.0	9232
885-8683-9	S-3	Total/NA	Solid	300.0	9232
885-8683-10	S-4	Total/NA	Solid	300.0	9232

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QC Association Summary

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

HPLC/IC

Analysis Batch: 9280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8683-11	S-5	Total/NA	Solid	300.0	9232
885-8683-12	S-6	Total/NA	Solid	300.0	9232
885-8683-13	S-7	Total/NA	Solid	300.0	9232
885-8683-14	S-8	Total/NA	Solid	300.0	9232
MB 885-9232/1-A	Method Blank	Total/NA	Solid	300.0	9232
LCS 885-9232/2-A	Lab Control Sample	Total/NA	Solid	300.0	9232

Lab Chronicle

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

Client Sample ID: F-1
Date Collected: 07/25/24 09:00
Date Received: 07/26/24 06:35

Lab Sample ID: 885-8683-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			9233	JP	EET ALB	07/26/24 09:01
Total/NA	Analysis	8015M/D		1	9284	JP	EET ALB	07/26/24 11:17
Total/NA	Prep	5035			9233	JP	EET ALB	07/26/24 09:01
Total/NA	Analysis	8021B		1	9285	JP	EET ALB	07/26/24 11:17
Total/NA	Prep	SHAKE			9228	KR	EET ALB	07/26/24 08:07
Total/NA	Analysis	8015M/D		1	9224	KR	EET ALB	07/26/24 10:03
Total/NA	Prep	300_Prep			9232	RC	EET ALB	07/26/24 08:57
Total/NA	Analysis	300.0		20	9237	RC	EET ALB	07/26/24 10:20

Client Sample ID: F-2
Date Collected: 07/25/24 09:05
Date Received: 07/26/24 06:35

Lab Sample ID: 885-8683-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			9233	JP	EET ALB	07/26/24 09:01
Total/NA	Analysis	8015M/D		1	9284	JP	EET ALB	07/26/24 11:41
Total/NA	Prep	5035			9233	JP	EET ALB	07/26/24 09:01
Total/NA	Analysis	8021B		1	9285	JP	EET ALB	07/26/24 11:41
Total/NA	Prep	SHAKE			9228	KR	EET ALB	07/26/24 08:07
Total/NA	Analysis	8015M/D		1	9224	KR	EET ALB	07/26/24 10:13
Total/NA	Prep	300_Prep			9232	RC	EET ALB	07/26/24 08:57
Total/NA	Analysis	300.0		20	9237	RC	EET ALB	07/26/24 10:33

Client Sample ID: F-3
Date Collected: 07/25/24 09:10
Date Received: 07/26/24 06:35

Lab Sample ID: 885-8683-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			9233	JP	EET ALB	07/26/24 09:01
Total/NA	Analysis	8015M/D		1	9284	JP	EET ALB	07/26/24 12:04
Total/NA	Prep	5035			9233	JP	EET ALB	07/26/24 09:01
Total/NA	Analysis	8021B		1	9285	JP	EET ALB	07/26/24 12:04
Total/NA	Prep	SHAKE			9228	KR	EET ALB	07/26/24 08:07
Total/NA	Analysis	8015M/D		1	9224	KR	EET ALB	07/26/24 10:24
Total/NA	Prep	300_Prep			9232	RC	EET ALB	07/26/24 08:57
Total/NA	Analysis	300.0		20	9237	RC	EET ALB	07/26/24 10:46

Client Sample ID: F-4
Date Collected: 07/25/24 09:15
Date Received: 07/26/24 06:35

Lab Sample ID: 885-8683-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			9233	JP	EET ALB	07/26/24 09:01
Total/NA	Analysis	8015M/D		1	9284	JP	EET ALB	07/26/24 12:28

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Lab Chronicle

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

Client Sample ID: F-4
Date Collected: 07/25/24 09:15
Date Received: 07/26/24 06:35

Lab Sample ID: 885-8683-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			9233	JP	EET ALB	07/26/24 09:01
Total/NA	Analysis	8021B		1	9285	JP	EET ALB	07/26/24 12:28
Total/NA	Prep	SHAKE			9228	KR	EET ALB	07/26/24 08:07
Total/NA	Analysis	8015M/D		1	9224	KR	EET ALB	07/26/24 10:35
Total/NA	Prep	300_Prep			9232	RC	EET ALB	07/26/24 08:57
Total/NA	Analysis	300.0		20	9237	RC	EET ALB	07/26/24 10:58

Client Sample ID: F-5
Date Collected: 07/25/24 09:20
Date Received: 07/26/24 06:35

Lab Sample ID: 885-8683-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			9233	JP	EET ALB	07/26/24 09:01
Total/NA	Analysis	8015M/D		1	9284	JP	EET ALB	07/26/24 12:51
Total/NA	Prep	5035			9233	JP	EET ALB	07/26/24 09:01
Total/NA	Analysis	8021B		1	9285	JP	EET ALB	07/26/24 12:51
Total/NA	Prep	SHAKE			9228	KR	EET ALB	07/26/24 08:07
Total/NA	Analysis	8015M/D		1	9224	KR	EET ALB	07/26/24 10:45
Total/NA	Prep	300_Prep			9232	RC	EET ALB	07/26/24 08:57
Total/NA	Analysis	300.0		20	9237	RC	EET ALB	07/26/24 11:11

Client Sample ID: F-6
Date Collected: 07/25/24 09:25
Date Received: 07/26/24 06:35

Lab Sample ID: 885-8683-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			9233	JP	EET ALB	07/26/24 09:01
Total/NA	Analysis	8015M/D		1	9284	JP	EET ALB	07/26/24 13:15
Total/NA	Prep	5035			9233	JP	EET ALB	07/26/24 09:01
Total/NA	Analysis	8021B		1	9285	JP	EET ALB	07/26/24 13:15
Total/NA	Prep	SHAKE			9228	KR	EET ALB	07/26/24 08:07
Total/NA	Analysis	8015M/D		1	9224	KR	EET ALB	07/26/24 10:56
Total/NA	Prep	300_Prep			9232	RC	EET ALB	07/26/24 08:57
Total/NA	Analysis	300.0		20	9237	RC	EET ALB	07/26/24 11:24

Client Sample ID: S-1
Date Collected: 07/25/24 09:30
Date Received: 07/26/24 06:35

Lab Sample ID: 885-8683-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			9233	JP	EET ALB	07/26/24 09:01
Total/NA	Analysis	8015M/D		1	9284	JP	EET ALB	07/26/24 13:38
Total/NA	Prep	5035			9233	JP	EET ALB	07/26/24 09:01
Total/NA	Analysis	8021B		1	9285	JP	EET ALB	07/26/24 13:38

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Lab Chronicle

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

Client Sample ID: S-1
Date Collected: 07/25/24 09:30
Date Received: 07/26/24 06:35

Lab Sample ID: 885-8683-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			9228	KR	EET ALB	07/26/24 08:07
Total/NA	Analysis	8015M/D		1	9224	KR	EET ALB	07/26/24 11:07
Total/NA	Prep	300_Prep			9232	RC	EET ALB	07/26/24 08:57
Total/NA	Analysis	300.0		20	9237	RC	EET ALB	07/26/24 11:37

Client Sample ID: S-2
Date Collected: 07/25/24 09:35
Date Received: 07/26/24 06:35

Lab Sample ID: 885-8683-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			9233	JP	EET ALB	07/26/24 09:01
Total/NA	Analysis	8015M/D		1	9284	JP	EET ALB	07/26/24 14:02
Total/NA	Prep	5035			9233	JP	EET ALB	07/26/24 09:01
Total/NA	Analysis	8021B		1	9285	JP	EET ALB	07/26/24 14:02
Total/NA	Prep	SHAKE			9228	KR	EET ALB	07/26/24 08:07
Total/NA	Analysis	8015M/D		1	9224	KR	EET ALB	07/26/24 11:18
Total/NA	Prep	300_Prep			9232	RC	EET ALB	07/26/24 08:57
Total/NA	Analysis	300.0		20	9237	RC	EET ALB	07/26/24 11:50

Client Sample ID: S-3
Date Collected: 07/25/24 09:40
Date Received: 07/26/24 06:35

Lab Sample ID: 885-8683-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			9233	JP	EET ALB	07/26/24 09:01
Total/NA	Analysis	8015M/D		1	9284	JP	EET ALB	07/26/24 14:26
Total/NA	Prep	5035			9233	JP	EET ALB	07/26/24 09:01
Total/NA	Analysis	8021B		1	9285	JP	EET ALB	07/26/24 14:26
Total/NA	Prep	SHAKE			9228	KR	EET ALB	07/26/24 08:07
Total/NA	Analysis	8015M/D		1	9224	KR	EET ALB	07/26/24 11:39
Total/NA	Prep	300_Prep			9232	RC	EET ALB	07/26/24 08:57
Total/NA	Analysis	300.0		20	9237	RC	EET ALB	07/26/24 12:28

Client Sample ID: S-4
Date Collected: 07/25/24 09:45
Date Received: 07/26/24 06:35

Lab Sample ID: 885-8683-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			9233	JP	EET ALB	07/26/24 09:01
Total/NA	Analysis	8015M/D		1	9284	JP	EET ALB	07/26/24 14:49
Total/NA	Prep	5035			9233	JP	EET ALB	07/26/24 09:01
Total/NA	Analysis	8021B		1	9285	JP	EET ALB	07/26/24 14:49
Total/NA	Prep	SHAKE			9228	KR	EET ALB	07/26/24 08:07
Total/NA	Analysis	8015M/D		1	9224	KR	EET ALB	07/26/24 11:50

Eurofins Albuquerque

Lab Chronicle

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

Client Sample ID: S-4
Date Collected: 07/25/24 09:45
Date Received: 07/26/24 06:35

Lab Sample ID: 885-8683-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			9232	RC	EET ALB	07/26/24 08:57
Total/NA	Analysis	300.0		20	9237	RC	EET ALB	07/26/24 12:41

Client Sample ID: S-5
Date Collected: 07/25/24 09:50
Date Received: 07/26/24 06:35

Lab Sample ID: 885-8683-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			9235	JP	EET ALB	07/26/24 09:15
Total/NA	Analysis	8015M/D		1	9282	RA	EET ALB	07/26/24 13:07
Total/NA	Prep	5035			9235	JP	EET ALB	07/26/24 09:15
Total/NA	Analysis	8021B		1	9283	RA	EET ALB	07/26/24 13:07
Total/NA	Prep	SHAKE			9228	KR	EET ALB	07/26/24 08:07
Total/NA	Analysis	8015M/D		1	9224	KR	EET ALB	07/26/24 12:01
Total/NA	Prep	300_Prep			9232	RC	EET ALB	07/26/24 08:57
Total/NA	Analysis	300.0		20	9280	RC	EET ALB	07/26/24 10:27

Client Sample ID: S-6
Date Collected: 07/25/24 09:55
Date Received: 07/26/24 06:35

Lab Sample ID: 885-8683-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			9235	JP	EET ALB	07/26/24 09:15
Total/NA	Analysis	8015M/D		1	9282	RA	EET ALB	07/26/24 13:29
Total/NA	Prep	5035			9235	JP	EET ALB	07/26/24 09:15
Total/NA	Analysis	8021B		1	9283	RA	EET ALB	07/26/24 13:29
Total/NA	Prep	SHAKE			9228	KR	EET ALB	07/26/24 08:07
Total/NA	Analysis	8015M/D		1	9224	KR	EET ALB	07/26/24 12:12
Total/NA	Prep	300_Prep			9232	RC	EET ALB	07/26/24 08:57
Total/NA	Analysis	300.0		20	9280	RC	EET ALB	07/26/24 10:40

Client Sample ID: S-7
Date Collected: 07/25/24 10:00
Date Received: 07/26/24 06:35

Lab Sample ID: 885-8683-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			9235	JP	EET ALB	07/26/24 09:15
Total/NA	Analysis	8015M/D		1	9282	RA	EET ALB	07/26/24 13:51
Total/NA	Prep	5035			9235	JP	EET ALB	07/26/24 09:15
Total/NA	Analysis	8021B		1	9283	RA	EET ALB	07/26/24 13:51
Total/NA	Prep	SHAKE			9228	KR	EET ALB	07/26/24 08:07
Total/NA	Analysis	8015M/D		1	9224	KR	EET ALB	07/26/24 12:23
Total/NA	Prep	300_Prep			9232	RC	EET ALB	07/26/24 08:57
Total/NA	Analysis	300.0		20	9280	RC	EET ALB	07/26/24 10:52

Lab Chronicle

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

Client Sample ID: S-8

Date Collected: 07/25/24 10:05

Date Received: 07/26/24 06:35

Lab Sample ID: 885-8683-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			9235	JP	EET ALB	07/26/24 09:15
Total/NA	Analysis	8015M/D		1	9282	RA	EET ALB	07/26/24 14:12
Total/NA	Prep	5035			9235	JP	EET ALB	07/26/24 09:15
Total/NA	Analysis	8021B		1	9283	RA	EET ALB	07/26/24 14:12
Total/NA	Prep	SHAKE			9228	KR	EET ALB	07/26/24 08:07
Total/NA	Analysis	8015M/D		1	9224	KR	EET ALB	07/26/24 12:34
Total/NA	Prep	300_Prep			9232	RC	EET ALB	07/26/24 08:57
Total/NA	Analysis	300.0		20	9280	RC	EET ALB	07/26/24 11:04

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

Accreditation/Certification Summary

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8683-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-25

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

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 885-8683-1

Login Number: 8683
List Number: 1
Creator: Casarrubias, Tracy

List Source: Eurofins Albuquerque

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



Environment Testing

- 1
- 2
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ANALYTICAL REPORT

PREPARED FOR

Attn: Kyle Summers
Ensolum
606 S Rio Grande
Suite A
Aztec, New Mexico 87410
Generated 8/1/2024 2:28:51 PM

JOB DESCRIPTION

Simmons #8

JOB NUMBER

885-8757-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

Eurofins Albuquerque

Job Notes

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

Authorization



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

Client: Ensolum
Project/Site: Simmons #8

Laboratory Job ID: 885-8757-1

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Definitions/Glossary

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8757-1

Glossary

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

Case Narrative

Client: Ensolum
Project: Simmons #8

Job ID: 885-8757-1

Job ID: 885-8757-1Eurofins Albuquerque

Job Narrative
885-8757-1

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

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

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

Receipt

The samples were received on 7/27/2024 7:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.1°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

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

HPLC/IC

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

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8757-1

Client Sample ID: F-7

Lab Sample ID: 885-8757-1

Date Collected: 07/26/24 09:00

Matrix: Solid

Date Received: 07/27/24 07:35

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		3.3	mg/Kg		07/29/24 09:30	07/29/24 12:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		35 - 166			07/29/24 09:30	07/29/24 12:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.017	mg/Kg		07/29/24 09:30	07/29/24 12:19	1
Ethylbenzene	ND		0.033	mg/Kg		07/29/24 09:30	07/29/24 12:19	1
Toluene	ND		0.033	mg/Kg		07/29/24 09:30	07/29/24 12:19	1
Xylenes, Total	0.082		0.066	mg/Kg		07/29/24 09:30	07/29/24 12:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			07/29/24 09:30	07/29/24 12:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		07/29/24 08:23	07/29/24 09:25	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		07/29/24 08:23	07/29/24 09:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			07/29/24 08:23	07/29/24 09:25	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/29/24 09:58	07/29/24 12:56	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8757-1

Client Sample ID: F-8
Date Collected: 07/26/24 09:05
Date Received: 07/27/24 07:35

Lab Sample ID: 885-8757-2
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		3.3	mg/Kg		07/29/24 09:30	07/29/24 12:40		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	100		35 - 166			07/29/24 09:30	07/29/24 12:40		1
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.016	mg/Kg		07/29/24 09:30	07/29/24 12:40		1
Ethylbenzene	ND		0.033	mg/Kg		07/29/24 09:30	07/29/24 12:40		1
Toluene	ND		0.033	mg/Kg		07/29/24 09:30	07/29/24 12:40		1
Xylenes, Total	ND		0.065	mg/Kg		07/29/24 09:30	07/29/24 12:40		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	87		48 - 145			07/29/24 09:30	07/29/24 12:40		1
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		07/29/24 08:23	07/29/24 09:38		1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		07/29/24 08:23	07/29/24 09:38		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	85		62 - 134			07/29/24 08:23	07/29/24 09:38		1
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		60	mg/Kg		07/29/24 09:58	07/29/24 13:08		20

Client Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8757-1

Client Sample ID: S-9
Date Collected: 07/26/24 09:10
Date Received: 07/27/24 07:35

Lab Sample ID: 885-8757-3
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		3.3	mg/Kg		07/29/24 09:30	07/29/24 13:02	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	101		35 - 166			07/29/24 09:30	07/29/24 13:02	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.017	mg/Kg		07/29/24 09:30	07/29/24 13:02	1	
Ethylbenzene	ND		0.033	mg/Kg		07/29/24 09:30	07/29/24 13:02	1	
Toluene	ND		0.033	mg/Kg		07/29/24 09:30	07/29/24 13:02	1	
Xylenes, Total	ND		0.067	mg/Kg		07/29/24 09:30	07/29/24 13:02	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	85		48 - 145			07/29/24 09:30	07/29/24 13:02	1	
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.1	mg/Kg		07/29/24 08:23	07/29/24 09:51	1	
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		07/29/24 08:23	07/29/24 09:51	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	87		62 - 134			07/29/24 08:23	07/29/24 09:51	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	110		60	mg/Kg		07/29/24 09:58	07/29/24 13:21	20	

Client Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8757-1

Client Sample ID: S-10

Lab Sample ID: 885-8757-4

Date Collected: 07/26/24 09:15

Matrix: Solid

Date Received: 07/27/24 07:35

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics [C6 - C10]	ND		3.6	mg/Kg		07/29/24 09:30	07/29/24 13:24	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	95		35 - 166			07/29/24 09:30	07/29/24 13:24	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.018	mg/Kg		07/29/24 09:30	07/29/24 13:24	1	
Ethylbenzene	ND		0.036	mg/Kg		07/29/24 09:30	07/29/24 13:24	1	
Toluene	ND		0.036	mg/Kg		07/29/24 09:30	07/29/24 13:24	1	
Xylenes, Total	ND		0.071	mg/Kg		07/29/24 09:30	07/29/24 13:24	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	86		48 - 145			07/29/24 09:30	07/29/24 13:24	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		9.3	mg/Kg		07/29/24 08:23	07/29/24 10:03	1	
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		07/29/24 08:23	07/29/24 10:03	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	88		62 - 134			07/29/24 08:23	07/29/24 10:03	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	110		60	mg/Kg		07/29/24 09:58	07/29/24 13:33	20	

Client Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8757-1

Client Sample ID: S-11

Lab Sample ID: 885-8757-5

Date Collected: 07/26/24 09:20

Matrix: Solid

Date Received: 07/27/24 07:35

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.3	mg/Kg		07/29/24 09:30	07/29/24 13:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		35 - 166			07/29/24 09:30	07/29/24 13:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021	mg/Kg		07/29/24 09:30	07/29/24 13:46	1
Ethylbenzene	ND		0.043	mg/Kg		07/29/24 09:30	07/29/24 13:46	1
Toluene	ND		0.043	mg/Kg		07/29/24 09:30	07/29/24 13:46	1
Xylenes, Total	ND		0.086	mg/Kg		07/29/24 09:30	07/29/24 13:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		48 - 145			07/29/24 09:30	07/29/24 13:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		07/29/24 08:23	07/29/24 10:16	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		07/29/24 08:23	07/29/24 10:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134			07/29/24 08:23	07/29/24 10:16	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/29/24 09:58	07/29/24 13:45	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8757-1

Client Sample ID: S-12

Lab Sample ID: 885-8757-6

Date Collected: 07/26/24 09:25

Matrix: Solid

Date Received: 07/27/24 07:35

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.7	mg/Kg		07/29/24 09:30	07/29/24 14:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		35 - 166			07/29/24 09:30	07/29/24 14:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		07/29/24 09:30	07/29/24 14:08	1
Ethylbenzene	ND		0.037	mg/Kg		07/29/24 09:30	07/29/24 14:08	1
Toluene	ND		0.037	mg/Kg		07/29/24 09:30	07/29/24 14:08	1
Xylenes, Total	ND		0.074	mg/Kg		07/29/24 09:30	07/29/24 14:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			07/29/24 09:30	07/29/24 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		9.8	mg/Kg		07/29/24 08:23	07/29/24 10:28	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		07/29/24 08:23	07/29/24 10:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	82		62 - 134			07/29/24 08:23	07/29/24 10:28	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/29/24 09:58	07/29/24 13:58	20

Eurofins Albuquerque

QC Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8757-1

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

Lab Sample ID: MB 885-9332/1-A

Matrix: Solid

Analysis Batch: 9369

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9332

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		07/29/24 09:30	07/29/24 11:57	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		35 - 166			07/29/24 09:30	07/29/24 11:57	1

Lab Sample ID: LCS 885-9332/2-A

Matrix: Solid

Analysis Batch: 9369

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 9332

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	24.1		mg/Kg		96	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	219		35 - 166				

Lab Sample ID: 885-8757-1 MS

Matrix: Solid

Analysis Batch: 9369

Client Sample ID: F-7

Prep Type: Total/NA

Prep Batch: 9332

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		16.6	16.4		mg/Kg		99	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	206		35 - 166						

Lab Sample ID: 885-8757-1 MSD

Matrix: Solid

Analysis Batch: 9369

Client Sample ID: F-7

Prep Type: Total/NA

Prep Batch: 9332

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		16.6	16.7		mg/Kg		101	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	214		35 - 166								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-9332/1-A

Matrix: Solid

Analysis Batch: 9370

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9332

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		07/29/24 09:30	07/29/24 11:57	1
Ethylbenzene	ND		0.050	mg/Kg		07/29/24 09:30	07/29/24 11:57	1
Toluene	ND		0.050	mg/Kg		07/29/24 09:30	07/29/24 11:57	1

Eurofins Albuquerque

QC Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8757-1

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

Lab Sample ID: MB 885-9332/1-A

Matrix: Solid

Analysis Batch: 9370

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9332

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10	mg/Kg		07/29/24 09:30	07/29/24 11:57	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			07/29/24 09:30	07/29/24 11:57	1

Lab Sample ID: LCS 885-9332/3-A

Matrix: Solid

Analysis Batch: 9370

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 9332

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.732		mg/Kg		73	70 - 130
Ethylbenzene	1.00	0.763		mg/Kg		76	70 - 130
Toluene	1.00	0.750		mg/Kg		75	70 - 130
Xylenes, Total	3.00	2.29		mg/Kg		76	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	88		48 - 145				

Lab Sample ID: 885-8757-2 MS

Matrix: Solid

Analysis Batch: 9370

Client Sample ID: F-8

Prep Type: Total/NA

Prep Batch: 9332

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.654	0.531		mg/Kg		81	70 - 130
Ethylbenzene	ND		0.654	0.534		mg/Kg		82	70 - 130
Toluene	ND		0.654	0.540		mg/Kg		82	70 - 130
Xylenes, Total	ND		1.96	1.63		mg/Kg		81	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	86		48 - 145						

Lab Sample ID: 885-8757-2 MSD

Matrix: Solid

Analysis Batch: 9370

Client Sample ID: F-8

Prep Type: Total/NA

Prep Batch: 9332

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.654	0.578		mg/Kg		88	70 - 130	8	20
Ethylbenzene	ND		0.654	0.600		mg/Kg		92	70 - 130	12	20
Toluene	ND		0.654	0.597		mg/Kg		91	70 - 130	10	20
Xylenes, Total	ND		1.96	1.83		mg/Kg		91	70 - 130	12	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	85		48 - 145								

Eurofins Albuquerque

QC Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8757-1

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

Lab Sample ID: MB 885-9327/1-A						Client Sample ID: Method Blank			
Matrix: Solid						Prep Type: Total/NA			
Analysis Batch: 9333						Prep Batch: 9327			
Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		07/29/24 08:23	07/29/24 09:00	1	
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		07/29/24 08:23	07/29/24 09:00	1	
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	88		62 - 134			07/29/24 08:23	07/29/24 09:00	1	

Lab Sample ID: LCS 885-9327/2-A						Client Sample ID: Lab Control Sample			
Matrix: Solid						Prep Type: Total/NA			
Analysis Batch: 9333						Prep Batch: 9327			
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]			50.0	46.0		mg/Kg		92	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	85		62 - 134						

Lab Sample ID: 885-8757-6 MS						Client Sample ID: S-12			
Matrix: Solid						Prep Type: Total/NA			
Analysis Batch: 9333						Prep Batch: 9327			
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		49.0	39.4		mg/Kg		80	44 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	86		62 - 134						

Lab Sample ID: 885-8757-6 MSD									Client Sample ID: S-12		
Matrix: Solid									Prep Type: Total/NA		
Analysis Batch: 9333									Prep Batch: 9327		
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		47.4	37.8		mg/Kg		80	44 - 136	4	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	84		62 - 134								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-9340/1-A						Client Sample ID: Method Blank			
Matrix: Solid						Prep Type: Total/NA			
Analysis Batch: 9373						Prep Batch: 9340			
Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		3.0	mg/Kg		07/29/24 09:58	07/29/24 12:31	1	

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QC Sample Results

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8757-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-9340/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 9373

Prep Batch: 9340

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	28.5		mg/Kg		95	90 - 110

Lab Sample ID: MB 885-9373/55

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 9373

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/Kg			07/29/24 23:13	1

Lab Sample ID: MRL 885-9373/54

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 9373

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.531		mg/L		106	50 - 150

QC Association Summary

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8757-1

GC VOA

Prep Batch: 9332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8757-1	F-7	Total/NA	Solid	5035	
885-8757-2	F-8	Total/NA	Solid	5035	
885-8757-3	S-9	Total/NA	Solid	5035	
885-8757-4	S-10	Total/NA	Solid	5035	
885-8757-5	S-11	Total/NA	Solid	5035	
885-8757-6	S-12	Total/NA	Solid	5035	
MB 885-9332/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-9332/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-9332/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-8757-1 MS	F-7	Total/NA	Solid	5035	
885-8757-1 MSD	F-7	Total/NA	Solid	5035	
885-8757-2 MS	F-8	Total/NA	Solid	5035	
885-8757-2 MSD	F-8	Total/NA	Solid	5035	

Analysis Batch: 9369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8757-1	F-7	Total/NA	Solid	8015M/D	9332
885-8757-2	F-8	Total/NA	Solid	8015M/D	9332
885-8757-3	S-9	Total/NA	Solid	8015M/D	9332
885-8757-4	S-10	Total/NA	Solid	8015M/D	9332
885-8757-5	S-11	Total/NA	Solid	8015M/D	9332
885-8757-6	S-12	Total/NA	Solid	8015M/D	9332
MB 885-9332/1-A	Method Blank	Total/NA	Solid	8015M/D	9332
LCS 885-9332/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9332
885-8757-1 MS	F-7	Total/NA	Solid	8015M/D	9332
885-8757-1 MSD	F-7	Total/NA	Solid	8015M/D	9332

Analysis Batch: 9370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8757-1	F-7	Total/NA	Solid	8021B	9332
885-8757-2	F-8	Total/NA	Solid	8021B	9332
885-8757-3	S-9	Total/NA	Solid	8021B	9332
885-8757-4	S-10	Total/NA	Solid	8021B	9332
885-8757-5	S-11	Total/NA	Solid	8021B	9332
885-8757-6	S-12	Total/NA	Solid	8021B	9332
MB 885-9332/1-A	Method Blank	Total/NA	Solid	8021B	9332
LCS 885-9332/3-A	Lab Control Sample	Total/NA	Solid	8021B	9332
885-8757-2 MS	F-8	Total/NA	Solid	8021B	9332
885-8757-2 MSD	F-8	Total/NA	Solid	8021B	9332

GC Semi VOA

Prep Batch: 9327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8757-1	F-7	Total/NA	Solid	SHAKE	
885-8757-2	F-8	Total/NA	Solid	SHAKE	
885-8757-3	S-9	Total/NA	Solid	SHAKE	
885-8757-4	S-10	Total/NA	Solid	SHAKE	
885-8757-5	S-11	Total/NA	Solid	SHAKE	
885-8757-6	S-12	Total/NA	Solid	SHAKE	
MB 885-9327/1-A	Method Blank	Total/NA	Solid	SHAKE	

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QC Association Summary

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8757-1

GC Semi VOA (Continued)

Prep Batch: 9327 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-9327/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-8757-6 MS	S-12	Total/NA	Solid	SHAKE	
885-8757-6 MSD	S-12	Total/NA	Solid	SHAKE	

Analysis Batch: 9333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8757-1	F-7	Total/NA	Solid	8015M/D	9327
885-8757-2	F-8	Total/NA	Solid	8015M/D	9327
885-8757-3	S-9	Total/NA	Solid	8015M/D	9327
885-8757-4	S-10	Total/NA	Solid	8015M/D	9327
885-8757-5	S-11	Total/NA	Solid	8015M/D	9327
885-8757-6	S-12	Total/NA	Solid	8015M/D	9327
MB 885-9327/1-A	Method Blank	Total/NA	Solid	8015M/D	9327
LCS 885-9327/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9327
885-8757-6 MS	S-12	Total/NA	Solid	8015M/D	9327
885-8757-6 MSD	S-12	Total/NA	Solid	8015M/D	9327

HPLC/IC

Prep Batch: 9340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8757-1	F-7	Total/NA	Solid	300_Prep	
885-8757-2	F-8	Total/NA	Solid	300_Prep	
885-8757-3	S-9	Total/NA	Solid	300_Prep	
885-8757-4	S-10	Total/NA	Solid	300_Prep	
885-8757-5	S-11	Total/NA	Solid	300_Prep	
885-8757-6	S-12	Total/NA	Solid	300_Prep	
MB 885-9340/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-9340/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 9373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-8757-1	F-7	Total/NA	Solid	300.0	9340
885-8757-2	F-8	Total/NA	Solid	300.0	9340
885-8757-3	S-9	Total/NA	Solid	300.0	9340
885-8757-4	S-10	Total/NA	Solid	300.0	9340
885-8757-5	S-11	Total/NA	Solid	300.0	9340
885-8757-6	S-12	Total/NA	Solid	300.0	9340
MB 885-9340/1-A	Method Blank	Total/NA	Solid	300.0	9340
MB 885-9373/55	Method Blank	Total/NA	Solid	300.0	
LCS 885-9340/2-A	Lab Control Sample	Total/NA	Solid	300.0	9340
MRL 885-9373/54	Lab Control Sample	Total/NA	Solid	300.0	

Lab Chronicle

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8757-1

Client Sample ID: F-7

Date Collected: 07/26/24 09:00

Date Received: 07/27/24 07:35

Lab Sample ID: 885-8757-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			9332	AT	EET ALB	07/29/24 09:30
Total/NA	Analysis	8015M/D		1	9369	AT	EET ALB	07/29/24 12:19
Total/NA	Prep	5035			9332	AT	EET ALB	07/29/24 09:30
Total/NA	Analysis	8021B		1	9370	AT	EET ALB	07/29/24 12:19
Total/NA	Prep	SHAKE			9327	KR	EET ALB	07/29/24 08:23
Total/NA	Analysis	8015M/D		1	9333	KR	EET ALB	07/29/24 09:25
Total/NA	Prep	300_Prep			9340	JT	EET ALB	07/29/24 09:58
Total/NA	Analysis	300.0		20	9373	JT	EET ALB	07/29/24 12:56

Client Sample ID: F-8

Date Collected: 07/26/24 09:05

Date Received: 07/27/24 07:35

Lab Sample ID: 885-8757-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			9332	AT	EET ALB	07/29/24 09:30
Total/NA	Analysis	8015M/D		1	9369	AT	EET ALB	07/29/24 12:40
Total/NA	Prep	5035			9332	AT	EET ALB	07/29/24 09:30
Total/NA	Analysis	8021B		1	9370	AT	EET ALB	07/29/24 12:40
Total/NA	Prep	SHAKE			9327	KR	EET ALB	07/29/24 08:23
Total/NA	Analysis	8015M/D		1	9333	KR	EET ALB	07/29/24 09:38
Total/NA	Prep	300_Prep			9340	JT	EET ALB	07/29/24 09:58
Total/NA	Analysis	300.0		20	9373	JT	EET ALB	07/29/24 13:08

Client Sample ID: S-9

Date Collected: 07/26/24 09:10

Date Received: 07/27/24 07:35

Lab Sample ID: 885-8757-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			9332	AT	EET ALB	07/29/24 09:30
Total/NA	Analysis	8015M/D		1	9369	AT	EET ALB	07/29/24 13:02
Total/NA	Prep	5035			9332	AT	EET ALB	07/29/24 09:30
Total/NA	Analysis	8021B		1	9370	AT	EET ALB	07/29/24 13:02
Total/NA	Prep	SHAKE			9327	KR	EET ALB	07/29/24 08:23
Total/NA	Analysis	8015M/D		1	9333	KR	EET ALB	07/29/24 09:51
Total/NA	Prep	300_Prep			9340	JT	EET ALB	07/29/24 09:58
Total/NA	Analysis	300.0		20	9373	JT	EET ALB	07/29/24 13:21

Client Sample ID: S-10

Date Collected: 07/26/24 09:15

Date Received: 07/27/24 07:35

Lab Sample ID: 885-8757-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			9332	AT	EET ALB	07/29/24 09:30
Total/NA	Analysis	8015M/D		1	9369	AT	EET ALB	07/29/24 13:24

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Lab Chronicle

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8757-1

Client Sample ID: S-10
Date Collected: 07/26/24 09:15
Date Received: 07/27/24 07:35

Lab Sample ID: 885-8757-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			9332	AT	EET ALB	07/29/24 09:30
Total/NA	Analysis	8021B		1	9370	AT	EET ALB	07/29/24 13:24
Total/NA	Prep	SHAKE			9327	KR	EET ALB	07/29/24 08:23
Total/NA	Analysis	8015M/D		1	9333	KR	EET ALB	07/29/24 10:03
Total/NA	Prep	300_Prep			9340	JT	EET ALB	07/29/24 09:58
Total/NA	Analysis	300.0		20	9373	JT	EET ALB	07/29/24 13:33

Client Sample ID: S-11
Date Collected: 07/26/24 09:20
Date Received: 07/27/24 07:35

Lab Sample ID: 885-8757-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			9332	AT	EET ALB	07/29/24 09:30
Total/NA	Analysis	8015M/D		1	9369	AT	EET ALB	07/29/24 13:46
Total/NA	Prep	5035			9332	AT	EET ALB	07/29/24 09:30
Total/NA	Analysis	8021B		1	9370	AT	EET ALB	07/29/24 13:46
Total/NA	Prep	SHAKE			9327	KR	EET ALB	07/29/24 08:23
Total/NA	Analysis	8015M/D		1	9333	KR	EET ALB	07/29/24 10:16
Total/NA	Prep	300_Prep			9340	JT	EET ALB	07/29/24 09:58
Total/NA	Analysis	300.0		20	9373	JT	EET ALB	07/29/24 13:45

Client Sample ID: S-12
Date Collected: 07/26/24 09:25
Date Received: 07/27/24 07:35

Lab Sample ID: 885-8757-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			9332	AT	EET ALB	07/29/24 09:30
Total/NA	Analysis	8015M/D		1	9369	AT	EET ALB	07/29/24 14:08
Total/NA	Prep	5035			9332	AT	EET ALB	07/29/24 09:30
Total/NA	Analysis	8021B		1	9370	AT	EET ALB	07/29/24 14:08
Total/NA	Prep	SHAKE			9327	KR	EET ALB	07/29/24 08:23
Total/NA	Analysis	8015M/D		1	9333	KR	EET ALB	07/29/24 10:28
Total/NA	Prep	300_Prep			9340	JT	EET ALB	07/29/24 09:58
Total/NA	Analysis	300.0		20	9373	JT	EET ALB	07/29/24 13:58

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

Accreditation/Certification Summary

Client: Ensolum
Project/Site: Simmons #8

Job ID: 885-8757-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-25

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

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 885-8757-1

Login Number: 8757

List Source: Eurofins Albuquerque

List Number: 1

Creator: Proctor, Nancy

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

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

QUESTIONS

Action 460292

QUESTIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 460292
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2419132894
Incident Name	NAPP2419132894 SIMMONS #8 @ 0
Incident Type	Natural Gas Release
Incident Status	Reclamation Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	SIMMONS #8
Date Release Discovered	06/21/2024
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: 3 MCF Recovered: 0 MCF Lost: 3 MCF.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 460292

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 460292
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	Yes, according to supplied volumes this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	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	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Julianna Falcomata Title: Field Environmental Scientist Email: JRFalcomata@eprod.com Date: 07/09/2024
--	--

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QUESTIONS, Page 3

Action 460292

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 460292
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	110
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0.1
GRO+DRO (EPA SW-846 Method 8015M)	18
BTEX (EPA SW-846 Method 8021B or 8260B)	0.1
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	07/08/2024
On what date will (or did) the final sampling or liner inspection occur	07/26/2024
On what date will (or was) the remediation complete(d)	07/26/2024
What is the estimated surface area (in square feet) that will be reclaimed	1003
What is the estimated volume (in cubic yards) that will be reclaimed	1066
What is the estimated surface area (in square feet) that will be remediated	1003
What is the estimated volume (in cubic yards) that will be remediated	1066
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 460292

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 460292
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	ENVIROTECH LANDFARM #1 [FEEM0112334691]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 05/08/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 460292

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 460292
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 460292

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 460292
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	366897
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/26/2024
What was the (estimated) number of samples that were to be gathered	6
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	1003
What was the total volume (cubic yards) remediated	1066
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	1003
What was the total volume (in cubic yards) reclaimed	1066
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: 05/08/2025
--	---

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QUESTIONS, Page 7

Action 460292

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID:
	241602
	Action Number:
	460292
Action Type:	
[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	1003
What was the total volume of replacement material (in cubic yards) for this site	1066
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseedling commence(d)	07/01/2025
Summarize any additional reclamation activities not included by answers (above)	None
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseedling plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 05/08/2025

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QUESTIONS, Page 8

Action 460292

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 460292
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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CONDITIONS

Action 460292

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 460292
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
jburdine	Reclamation Report approved	5/19/2025
jburdine	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	5/19/2025
jburdine	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	5/19/2025