ENSOLUM

CLOSURE REPORT

Property:

Federal H#1
Unit Letter D, S33 T30N R11W
San Juan County, New Mexico

New Mexico EMNRD OCD Incident ID No. NAPP2505148986

May 13, 2025

Ensolum Project No. 05A1226365

Prepared for:

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

Prepared by:

Landon Daniell
Project Geologist

Kyle Summers
Senior Managing Geologist

TABLE OF CONTENTS

LIST OF APPENDICES

1.0 INTRODUCTION

1.1 Site Description & Background

Operator:	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)
Site Name:	Federal H#1 (Site)
NM EMNRD OCD Incident ID No.	NAPP2505148986
Location:	36.774481° North, -108.003025° West Unit Letter D, Section 33, Township 30 North, Range 11 West San Juan County, New Mexico
Property:	Bureau of Land Management (BLM)
Regulatory:	New Mexico (NM) Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

On February 16, 2025, a potential release of natural gas was identified from the Federal H#1 well tie. Enterprise subsequently isolated and locked the pipeline out of service. On February 20, 2025, Enterprise initiated activities to repair the pipeline and remediate potential petroleum hydrocarbon impact. Additionally, Enterprise determined the release was "reportable" and the NM EMNRD OCD was subsequently notified.

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

1.2 Project Objective

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

2.0 CLOSURE CRITERIA

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

- The NM Office of the State Engineer (OSE) tracks the usage and assignment of water rights and water well installations and records this information in the Water Rights Reporting System (WRRS) database. Water wells and other points of diversion (PODs) are each assigned POD numbers in the database (which is searchable and includes an interactive map). No PODs were identified in the same Public Land Survey System (PLSS) section and numerous PODs were identified in adjacent PLSS sections (**Figure A**, **Appendix B**). The closest POD (SJ-03251) is approximately 1.05 miles southwest of the site and approximately 178 feet lower in elevation than the Site. The recorded depth to water (DTW) for this POD is 77 feet below grade surface (bgs). POD SJ 04046 POD8 is approximately 1.65 miles southeast of the Site. The recorded depth to water for this POD is approximately 30 feet (bgs.) and approximately

213 feet lower in elevation than the Site. PODs SJ-04237 POD1, POD8, and POD9 are approximately 1.76 miles southeast of the site and approximately 235 feet lower in elevation than the Site. The recorded average depth to water for these PODs is 40 feet (bgs).

- No cathodic protection wells (CPWs) with recorded depths to water were identified in the NM EMNRD OCD imaging database in the same or adjacent PLSS sections (**Figure B, Appendix B**).
- 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 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. According to the San Juan County Assessor's parcel map, the site is within the city limits of Bloomfield, NM (**Figure 2, Appendix A).**
- Based on information identified in the U.S. Fish & Wildlife Service National Wetlands Inventory Wetlands Mapper, the Site is not within 300 feet of a wetland (**Figure F**, **Appendix B**). The closest wetland is a freshwater pond and emergent wetland that is located approximately 5,950 feet southwest of the Site.
- Based on information identified in the NM Mining and Minerals Division's Geographic Information System (GIS) Maps and Mine Data database, the Site is not within an area overlying a subsurface mine (**Figure G**, **Appendix B**).
- The Site is not located within an unstable area per Paragraph (6) of Subsection U of 19.15.2.7 NMAC.
- Based on information provided by the Federal Emergency Management Agency (FEMA) National Flood Hazard Layer (NFHL) geospatial database, the Site is not within a 100-year floodplain (**Figure H**, **Appendix B**).

The Site is within the City of Bloomfield municipality, resulting in a Tier I ranking. The closure criteria for soils remaining in place at the Site include:

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

[1] – Constituent concentrations are in milligrams per kilogram (mg/kg).
[2] – Total Petroleum Hydrocarbons (TPH). Gasoline Range Organics (GRO). Diesel Range Organics (DRO). Motor Oil/Lube Oil Range Organics (MRO).
[3] – Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX).

3.0 SOIL REMEDIATION ACTIVITIES

On February 20, 2025, Enterprise initiated activities to repair the pipeline and remediate petroleum hydrocarbon impact resulting from the release. During the remediation and corrective action activities, Sunland Construction, Inc. provided heavy equipment and labor support, while Ensolum provided environmental consulting support.

The excavation measured approximately 30 feet long and 20 feet wide at the maximum extents. The maximum depth of the excavation measured approximately 18 feet bgs, with an approximate 700 ft^2 footprint. The lithology encountered during the completion of remediation activities consisted primarily of unconsolidated silty sand and weathered shale.

Approximately 684 cubic yards (yd^3) of petroleum hydrocarbon-affected soils were transported to the Envirotech, Inc., (Envirotech) landfarm in San Juan County, NM for disposal/remediation. The executed C-138 solid waste acceptance form is provided in **Appendix C**. The excavation was partially backfilled with imported fill, pending final pipeline repairs.

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 14 composite soil samples (S-1 through S-14) from the excavation and one composite sample (BF-1) from the backfill for laboratory analysis. The composite samples were comprised of five aliquots each and represent an estimated 200 square foot (ft^2) or less sample area per guidelines outlined in Section D of 19.15.29.12 NMAC. The excavator bucket and/or hand tools were utilized to obtain fresh aliquots from the excavation and backfill. Regulatory correspondence is provided in **Appendix E**.

First Sampling Event

On February 25, 2025, sampling was performed at the Site. The NM EMNRD OCD was notified of the sampling event although no representative was present during sampling activities. Composite soil samples S-1 (18'), S-2 (18'), and S-3 (18') were collected from the floor of the excavation. Composite soil samples S-4 (0' to 18'), S-5 (0' to 18'), S-6 (0' to 18'), S-7 (0' to 18'), S-8 (0' to 18'), S-9 (0' to 18'), S-10 (0' to 18'), S-11 (0' to 18'), S-12 (3' to 18'), and S-13 (0' to 18')

were collected from the walls of the excavation. Composite soil sample S-14 (0' to 3') was collected from the sloped wall in the southeast corner of the excavation.

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

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

5.0 SOIL LABORATORY ANALYTICAL METHODS

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

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

6.0 SOIL DATA EVALUATION

Ensolum compared the benzene, BTEX, TPH, and chloride laboratory analytical results or laboratory practical quantitation limits (PQLs) / reporting limits (RLs) associated with the composite soil samples (S-1 through S-14 and BF-1) to the applicable NM EMNRD OCD closure criteria. Due to the high PQLs/RLs associated with the TPH MRO results when using EPA SW-846 Method 8015, Ensolum only compares the quantified TPH results to the New Mexico EMNRD OCD closure criteria. The laboratory analytical results are summarized in **Table 1** (**Appendix F**).

- The laboratory analytical results for the composite soil samples collected from soils remaining at the Site indicate that benzene is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 10 mg/kg.

- The laboratory analytical results for composite soil samples S-2, S-5, and S-12 indicate total BTEX concentrations ranging from 0.033 mg/kg (S-2) to 0.48 mg/kg (S-5), which are less than the NM EMNRD OCD closure criteria of 50 mg/kg. The analytical results for the other composite soil samples collected from soils remaining at the Site indicate that total BTEX is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 50 mg/kg.

- The laboratory analytical results for composite soil samples S-3, S-5, S-8, S-9, and S-14 indicate total combined TPH GRO/DRO/MRO concentrations ranging from 3.8 mg/kg (S-5) to 41 mg/kg (S-9), which are less than the NM EMNRD OCD closure criteria of 100 mg/kg. The analytical results for the other composite soil samples collected from soils remaining at the Site indicate that total combined TPH GRO/DRO/MRO concentrations are less than the laboratory PQLs / RLs.

- The laboratory analytical results for composite soil samples S-5 and S-10 indicate chloride concentrations of 64 mg/kg and 81 mg/kg, respectively, which are less than the NM EMNRD OCD closure criteria of 600 mg/kg. The analytical results for the other composite soil samples

collected from soils remaining at the Site indicate that chloride concentrations are less than the laboratory PQLs / RLs, which are less than the NM EMNRD OCD closure criteria of 600 mg/kg.

7.0 RECLAMATION

The excavation was not completely backfilled due to pending plans to permanently repair the pipeline. After the permanent repair, the remaining excavation will be backfilled with imported fill and then contoured to the surrounding grade. The backfill and the upper four feet of the excavation have been analytically verified to be below the Tier I soil standards of 50 mg/kg BTEX, 10 mg/kg benzene, 100 mg/kg total combined TPH, and 600 mg/kg Chloride. See **APPENDIX D** and **APPENDIX F** for further documentation.

8.0 REVEGETATION

Revegetation will be addressed in accordance with 19.15.29.13 NMAC utilizing the recommended seed mix as described in the guidance (Vegetation Community Descriptions and Seed Mixes) provided by the BLM Farmington Field Office. In this case the surrounding vegetation is predominantly of the Badlands Vegetation Community. Enterprise will reseed the area with the appropriate seed mix during the next favorable growing season following the final backfilling activities. Enterprise will provide revegetation documentation under separate cover.

9.0 FINDINGS AND RECOMMENDATION

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

- Approximately 684 yd^3 of petroleum hydrocarbon-affected soils were transported to the Envirotech landfarm for disposal/remediation.

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

10.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

10.1 Standard of Care

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

10.2 Limitations

Findings, conclusions, and recommendations resulting from these services are based upon information derived from the on-Site activities and other services performed under this scope of work, and it should be noted that this information is subject to change over time. Certain indicators

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

10.3 Reliance

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

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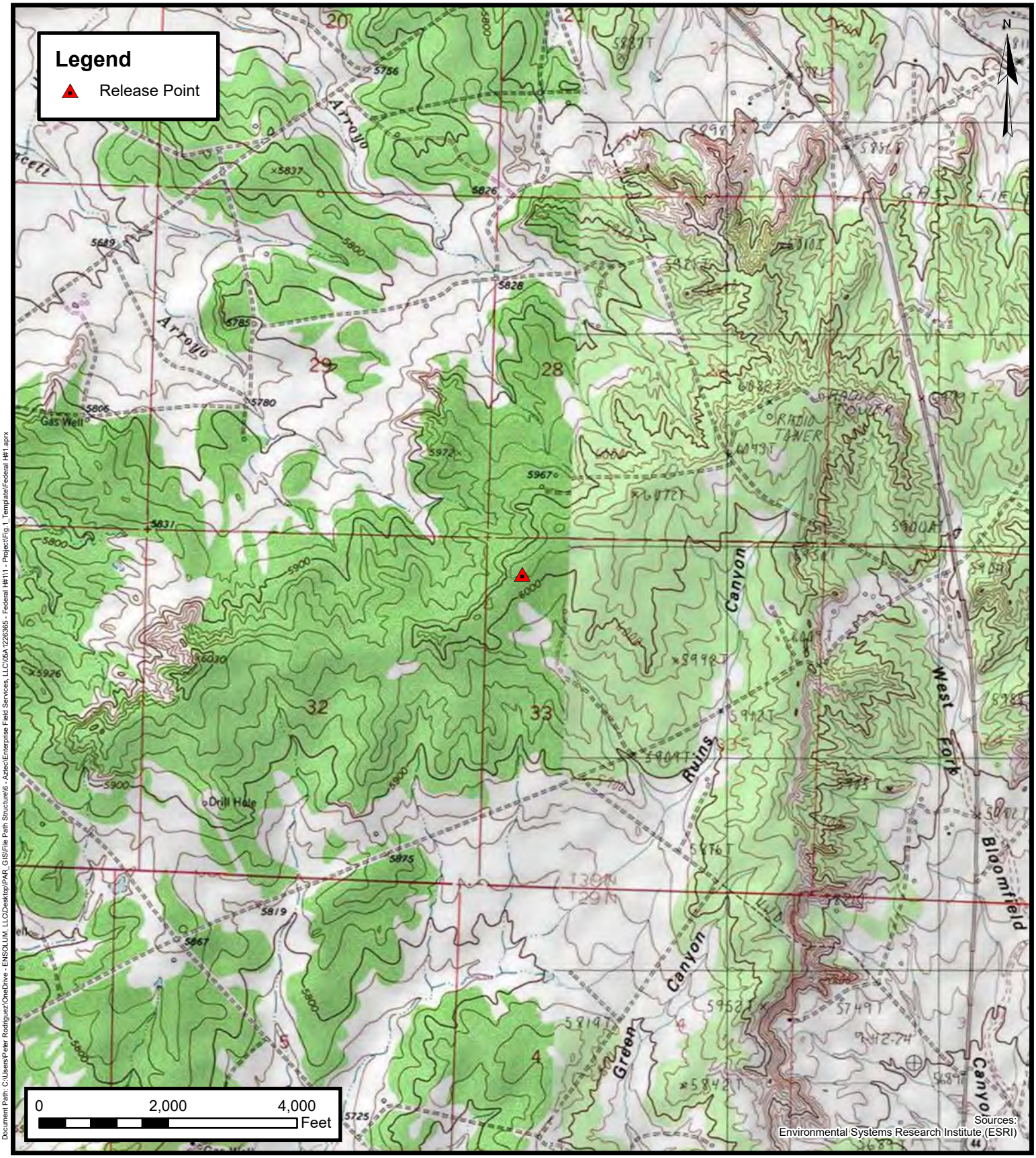
APPENDIX A

Figures



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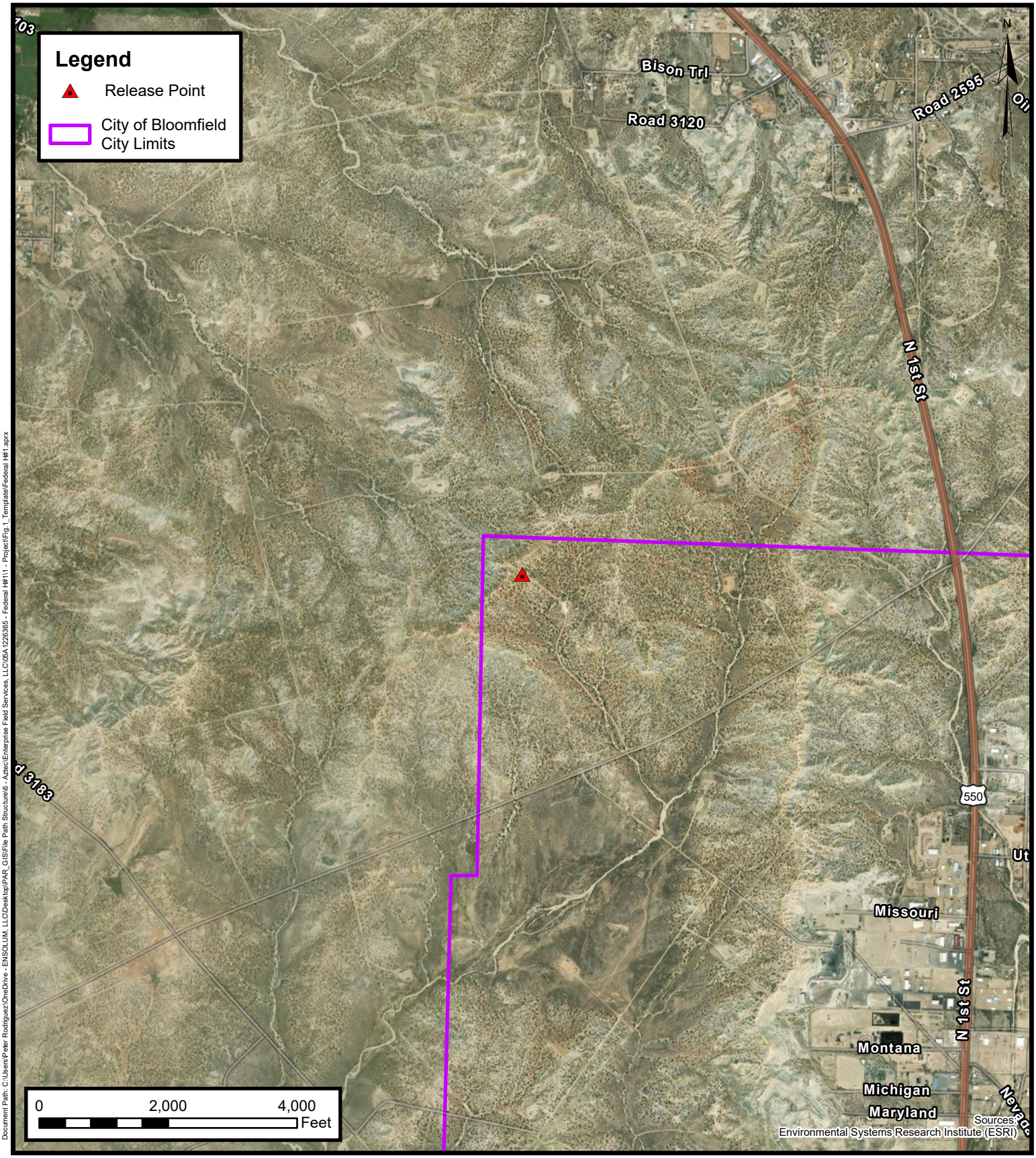
Environmental, Engineering and Hydrogeologic Consultants

Topographic Map

Enterprise Field Services, LLC
Federal H#1
Project Number: 05A1226365
Unit Letter D, S33 T30N R11W, San Juan County, New Mexico 36.774481, -108.003025

FIGURE

1



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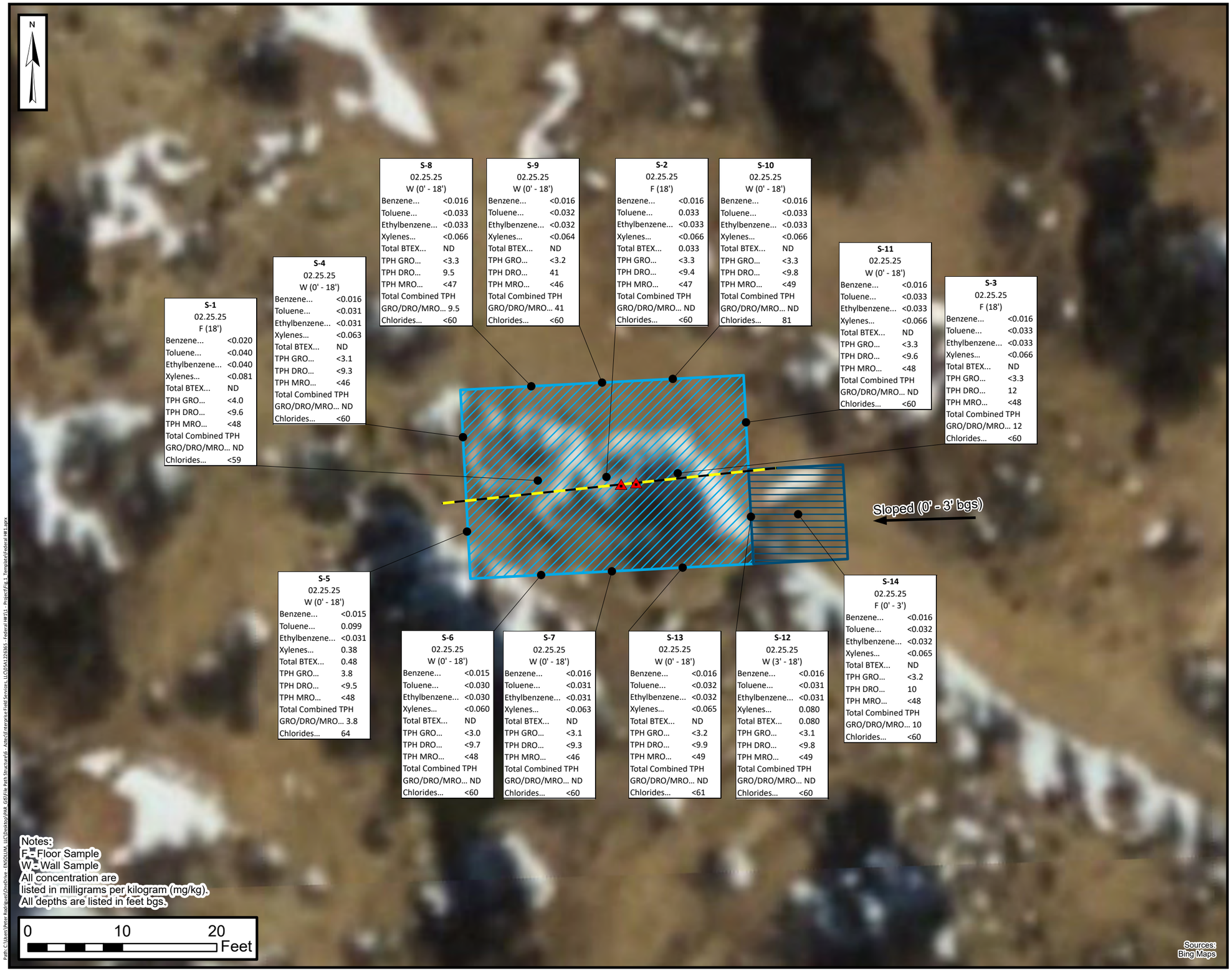
Site Vicinity Map

Enterprise Field Services, LLC
Federal H#1
Project Number: 05A1226365
Unit Letter D, S33 T30N R11W, San Juan County, New Mexico
36.774481, -108.003025

FIGURE
2



LEGEND

- Point of Release
- Composite Soil Sample Location
- Federal H#1 Pipeline
- Slope Direction
- Excavation Extent
- Benched / Sloped Excavation Extent

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Site Map with Soil Analytical Results

Enterprise Field Services, LLC
Federal H#1

Unit Letter D, S33 T30N R11W
San Juan County, New Mexico
36.774481, -108.003025

Figure 3

Project Number: 05A1226365

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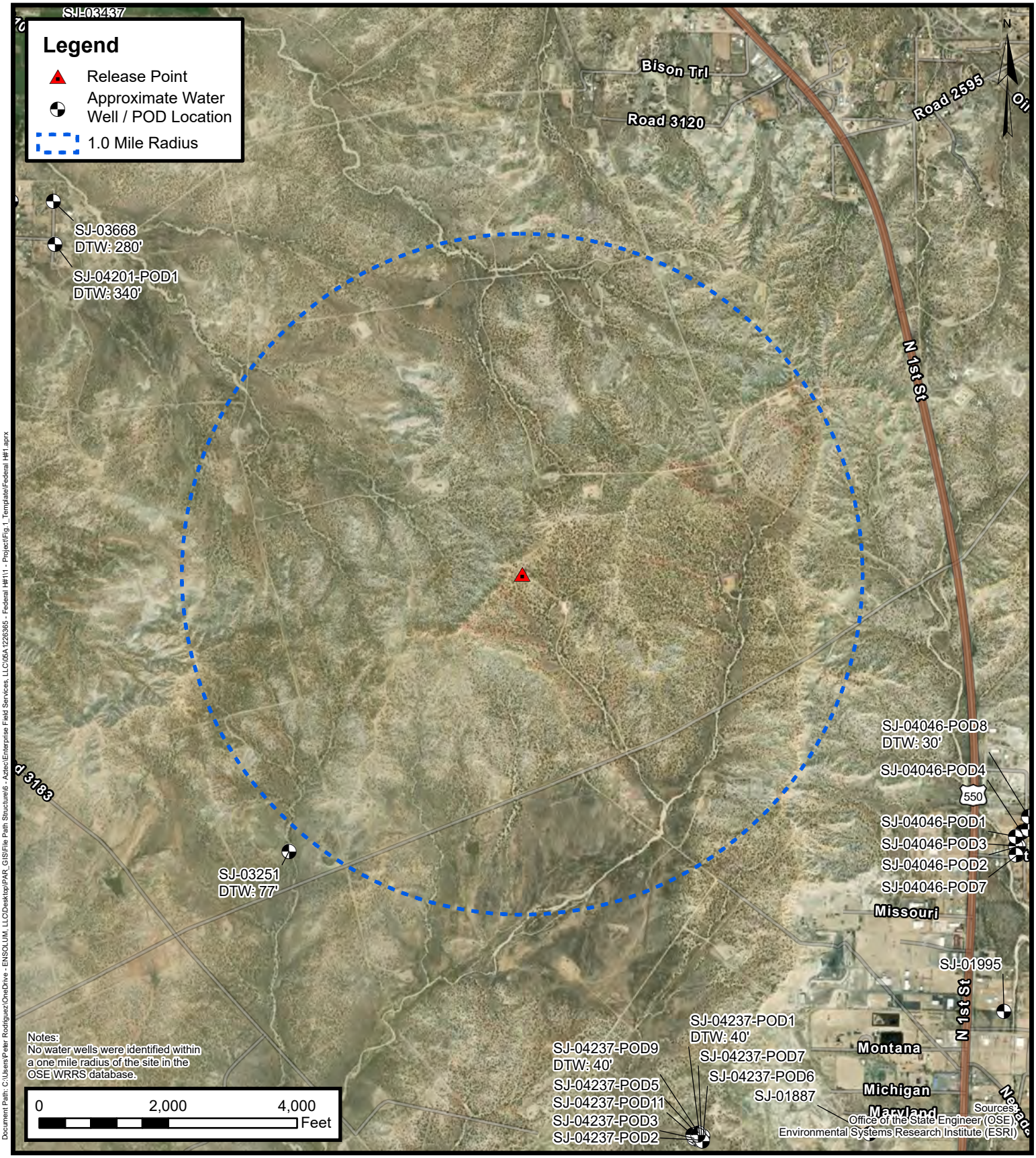
APPENDIX B

Siting Figures and Documentation



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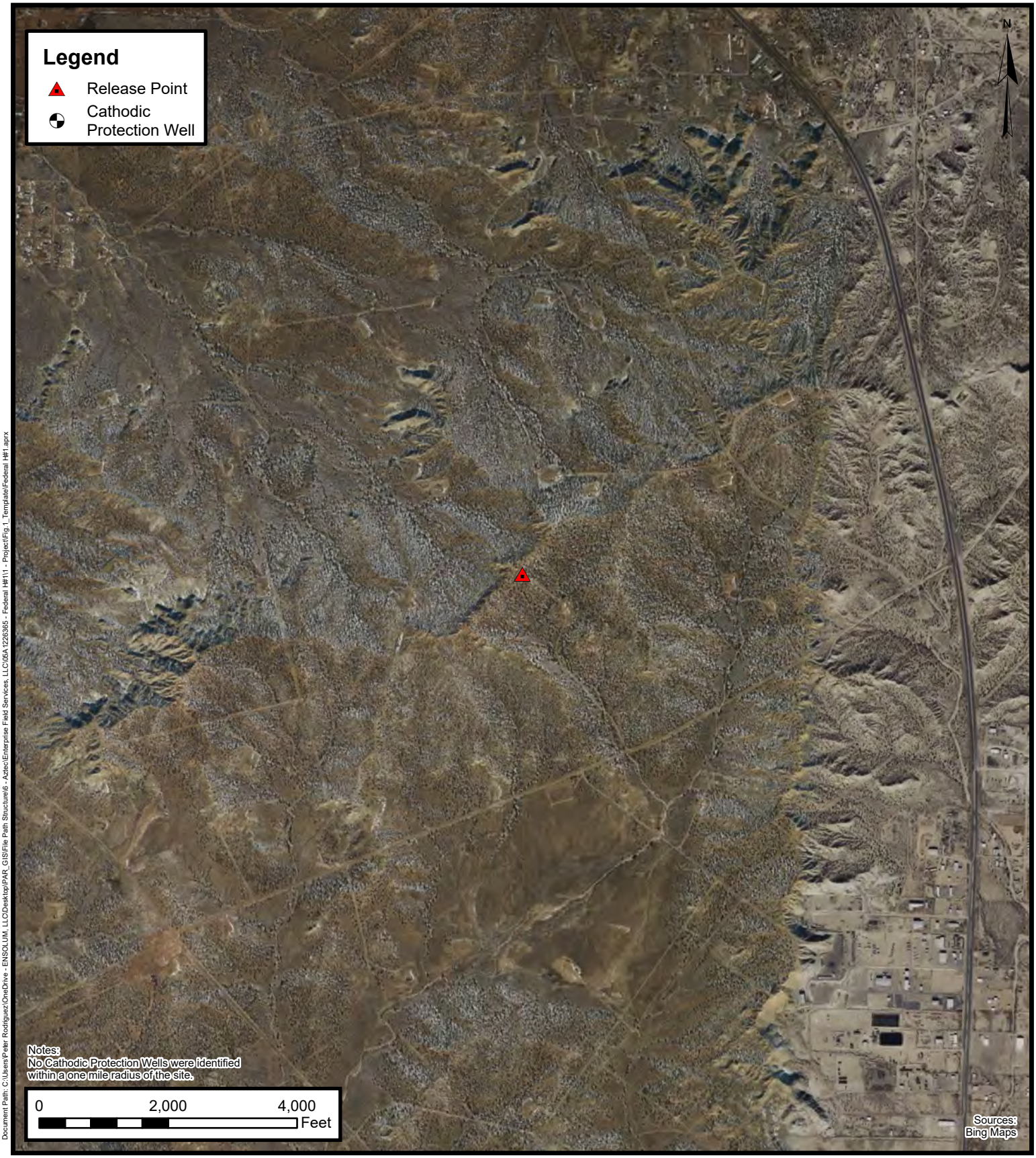
1.0 Mile Radius Water Well / POD Location Map

Enterprise Field Services, LLC
Federal H#1
Project Number: 05A1226365
Unit Letter D, S33 T30N R11W, San Juan County, New Mexico
36.774481, -108.003025

FIGURE

A



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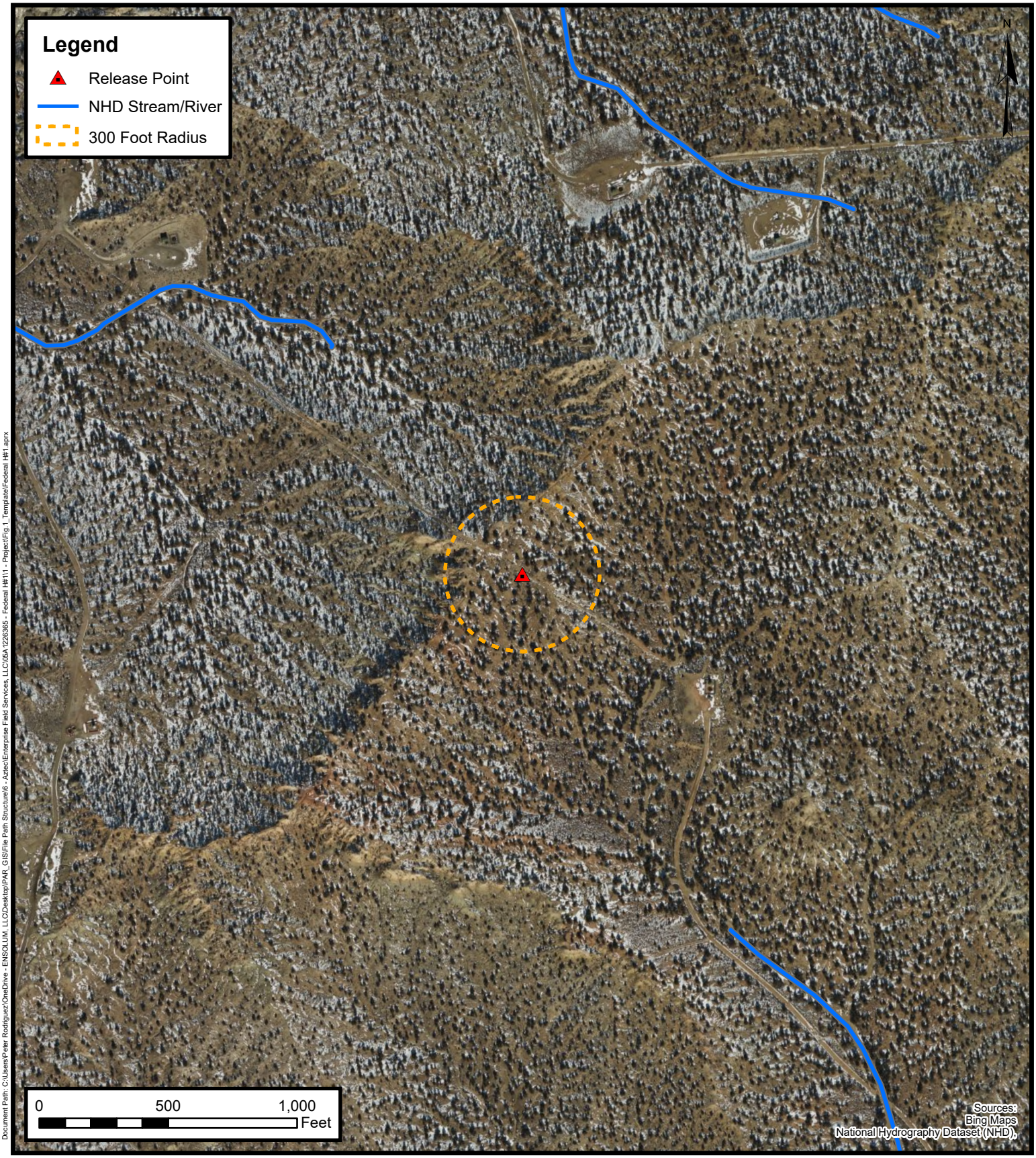
Cathodic Protection Well
Recorded Depth to Water
Enterprise Field Services, LLC
Federal H#1
Project Number: 05A1226365
Unit Letter D, S33 T30N R11W, San Juan County, New Mexico 36.774481, -108.003025

FIGURE
B



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300 Foot Radius Watercourse and Drainage Identification

Enterprise Field Services, LLC
Federal H#1
Project Number: 05A1226365
Unit Letter D, S33 T30N R11W, San Juan County, New Mexico
36.774481, -108.003025

FIGURE

C

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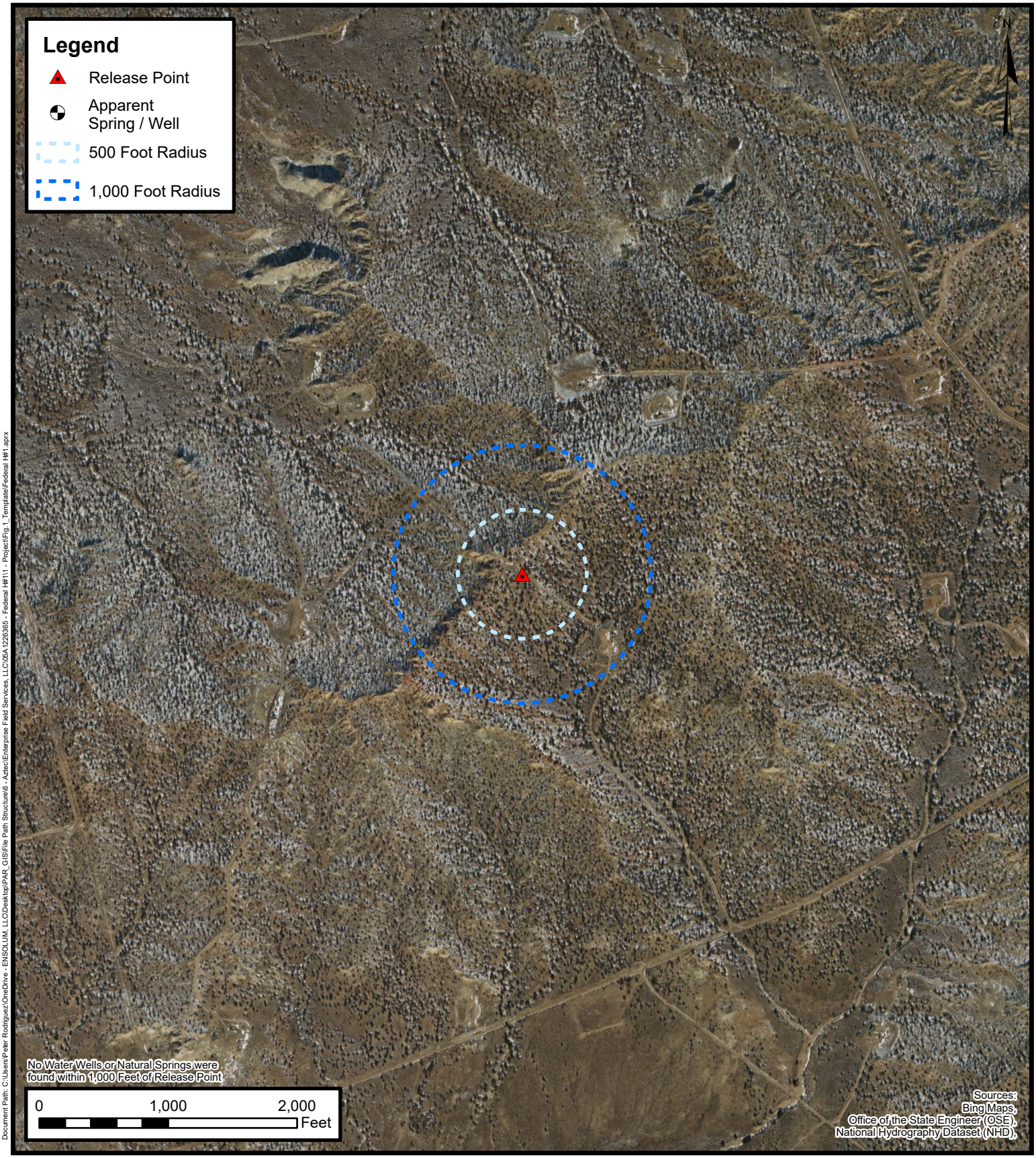
300 Foot Radius Occupied Structure Identification

Enterprise Field Services, LLC
Federal H#1
Project Number: 05A1226365
Unit Letter D, S33 T30N R11W, San Juan County, New Mexico
36.774481, -108.003025

FIGURE

D



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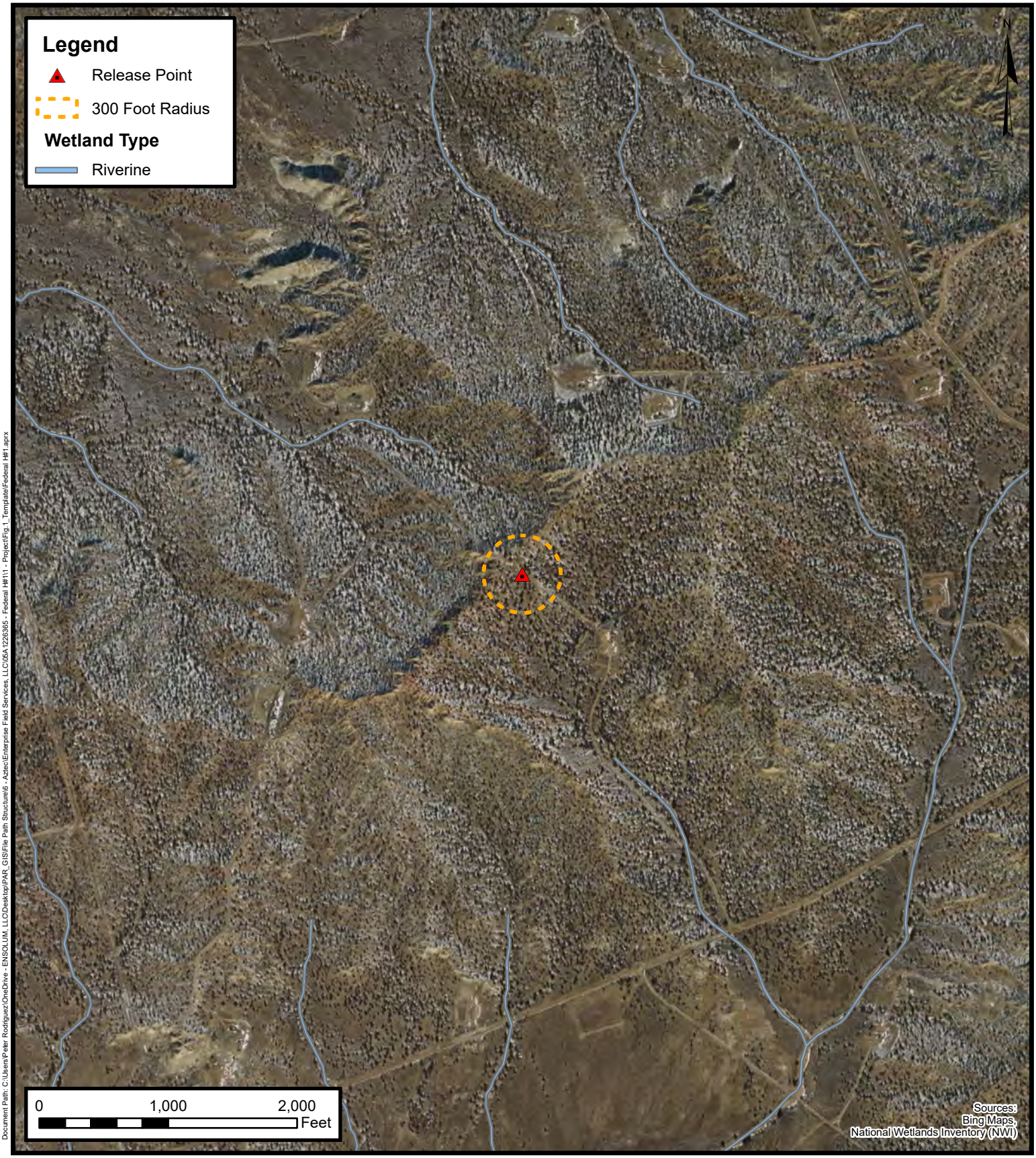
Water Well and Natural Spring Location

Enterprise Field Services, LLC
Federal H#1
Project Number: 05A1226365
Unit Letter D, S33 T30N R11W, San Juan County, New Mexico
36.774481, -108.003025

FIGURE

E



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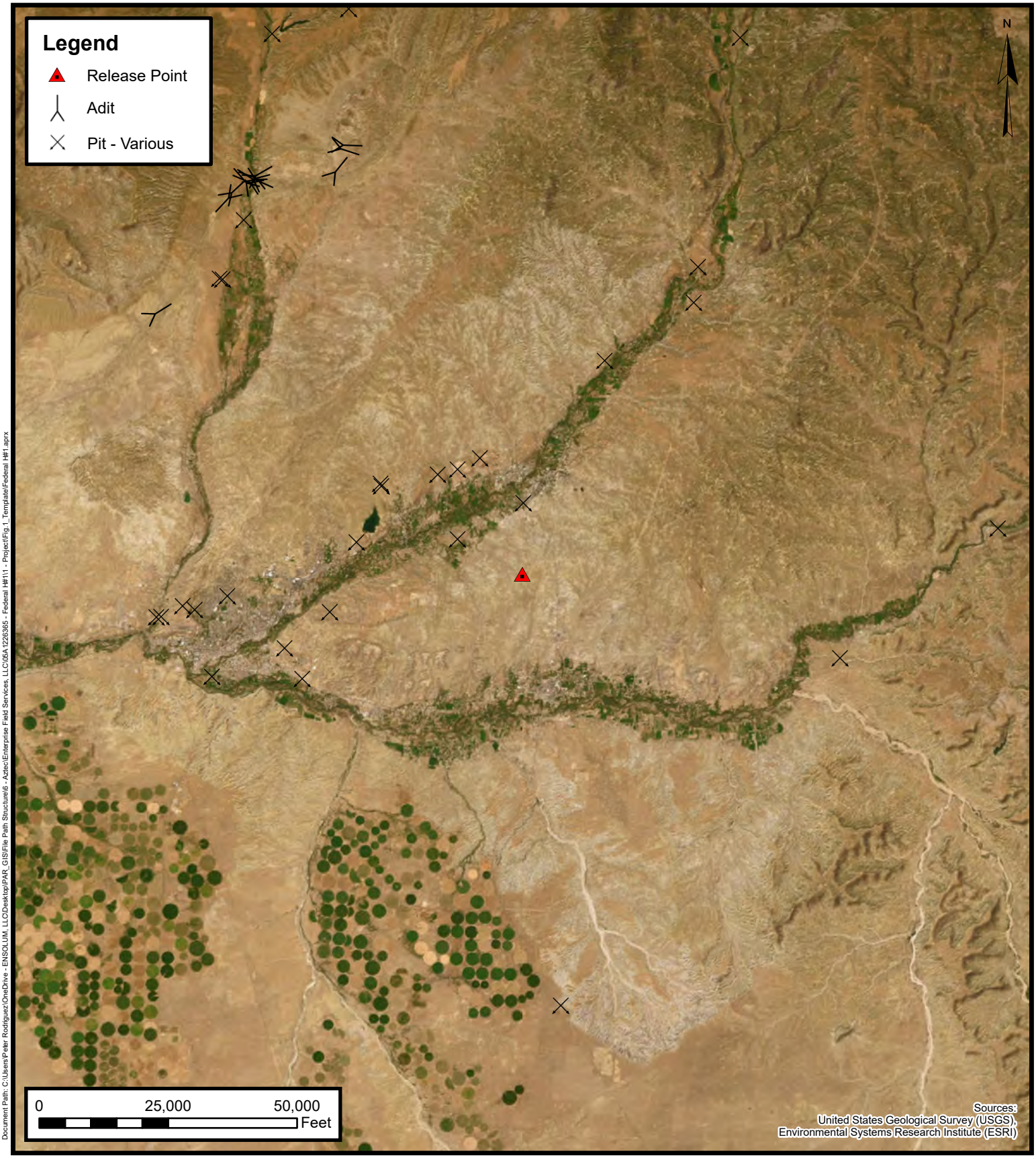
Wetlands

Enterprise Field Services, LLC
Federal H#1
Project Number: 05A1226365
Unit Letter D, S33 T30N R11W, San Juan County, New Mexico
36.774481, -108.003025

FIGURE
F



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Mines, Mills, and Quarries

Enterprise Field Services, LLC
Federal H#1
Project Number: 05A1226365
Unit Letter D, S33 T30N R11W, San Juan County, New Mexico
36.774481, -108.003025

FIGURE
G

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100-Year Flood Plain Map

Enterprise Field Services, LLC
Federal H#1
Project Number: 05A1226365
Unit Letter D, S33 T30N R11W, San Juan County, New Mexico
36.774481, -108.003025

FIGURE

H

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(In feet)

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

Average Depth to Water: **53 feet**

Minimum Depth: **30 feet**

Maximum Depth: **77 feet**

Record Count: 2

Basin/County Search:
Basin: SJ

PLSS Search:
Range: 11W
Township: 30N
Section: 27,28,29,32,33,34

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

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

Average Depth to Water: **40 feet**

Minimum Depth: **40 feet**

Maximum Depth: **40 feet**

Record Count: 3

Basin/County Search:
Basin: SJ

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

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

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	SJ 04046 POD8							234376.2	4072914.6	

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

Driller License:		**Driller Company:**			
Driller Name:	MATTHEW CAIN				
Drill Start Date:	2013-07-13	**Drill Finish Date:**	2013-07-18	**Plug Date:**	2018-02-20
Log File Date:	2013-08-08	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	2.00	**Depth Well:**	55	**Depth Water:**	30

Water Bearing Stratifications:

Top	Bottom	Description
0	55	Sandstone/Gravel/Conglomerate

Casing Perforations:

Top	Bottom
40	55

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

5/8/25 8:54 AM MST **Point of Diversion Summary**

30-045-24490

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator Texaco E&P Inc. Location: Unit A Sec. 32 Twp 30N Rng 11W

Name of Well/Wells or Pipeline Serviced Fed. Com #1E

Elevation ____ Completion Date 8/1/81 Total Depth 400' Land Type* ____

Casing, Sizes, Types & Depths ____

If Casing is cemented, show amounts & types used ____

If Cement or Bentonite Plugs have been placed, show depths & amounts used

Depths & thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. ____

Depths gas encountered: ____

Type & amount of coke breeze used: ____

Depths anodes placed: ____

Depths vent pipes placed: ____

Vent pipe perforations: ____

Remarks: ____

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

*Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.

ENSOLUM

APPENDIX C

Executed C-138 Solid Waste Acceptance Form

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

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

Form C-138
Revised 08/01/11

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

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Generator Name and Address:
Enterprise Field Services, LLC, 614 Reilly Ave, Farmington NM 87401

PayKey:RB21200
PM: Gary Turner
AFE: N79907

2. Originating Site:
Federal H#1

3. Location of Material (Street Address, City, State or ULSTR):
UL D Section 33 T30N R11W; 36.774481, -108.003025

4. Source and Description of Waste:
Source: Remediation activities associated with a natural gas pipeline leak.
Description: Hydrocarbon/Condensate impacted soil associated natural gas pipeline release.
Estimated Volume 50 yd^3 / bbls Known Volume (to be entered by the operator at the end of the haul) 684 yd^3 / bbls

5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS

I, Thomas Long (Thomas Long) , representative or authorized agent for Enterprise Products Operating do hereby
Generator Signature
certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification)

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

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

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

GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS

I, Thomas Long (Thomas Long) 02-19-2025, representative for Enterprise Products Operating authorizes Envirotech, Inc. to complete
Generator Signature
the required testing/sign the Generator Waste Testing Certification.

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

5. Transporter: Sunland Construction

OCD Permitted Surface Waste Management Facility

Name and Facility Permit #: **Envirotech Inc. Soil Remediation Facility * Permit #: NM 01-0011**
Address of Facility: **Hilltop, NM**
Method of Treatment and/or Disposal:
☐ Evaporation ☐ Injection ☐ Treating Plant ☒ Landfarm ☐ Landfill ☐ Other

Waste Acceptance Status:

☑ **APPROVED** ☐ **DENIED** (Must Be Maintained As Permanent Record)

PRINT NAME: Greg Crabtree TITLE: Envtro Manager DATE: 2/21/25
SIGNATURE: TELEPHONE NO.:
Surface Waste Management Facility Authorized Agent
505-632-0615

ENSOLUM

APPENDIX D

Photographic Documentation

SITE PHOTOGRAPHS

Closure Report
Enterprise Field Services, LLC
Federal H#1
Ensolum Project No. 05A1226365

ENSOLUM

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
Federal H#1
Ensolum Project No. 05A1226365

ENSOLUM

Photograph 4 Photograph Description: View of the excavation initial backfill.	

ENSOLUM

APPENDIX E

Regulatory Correspondence

From: Long, Thomas
To: Kyle Summers; Chad D"Aponti
Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 433977
Date: Thursday, February 20, 2025 1:45:01 PM
Attachments: image001.jpg

[**EXTERNAL EMAIL**]

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

logo

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Thursday, February 20, 2025 1:44 PM
To: Long, Thomas <tjlong@eprod.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 433977

[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#) nAPP2505148986.

The sampling event is expected to take place:

When: 02/25/2025 @ 09:00
Where: D-36-30N-02W 0 FNL 0 FEL (36.774481,-107.003025)

Additional Information: Ensolum, LLC

Additional Instructions: 36.774481,-107.003025

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to

19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

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

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

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

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Monday, April 21, 2025 8:53 AM
To: Long, Thomas <tjlong@eprod.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 453688

[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#) nAPP2505148986.

The sampling event is expected to take place:

When: 04/23/2025 @ 09:00
Where: D-36-30N-02W 0 FNL 0 FEL (36.774481,-107.003025)

Additional Information: Ensolum, LLC

Additional Instructions: 36.774481,-107.003025

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

ENSOLUM

APPENDIX F

Table 1 – Soil Analytical Summary

ENSOLUM

TABLE 1
Federal H#1
SOIL ANALYTICAL SUMMARY

Sample I.D.	Date	Sample Type C- Composite G - Grab	Sample Depth (feet)	Benzene (mg/kg)	Ethylbenzene (mg/kg)	Toluene (mg/kg)	Xylenes (mg/kg)	Total BTEX[1] (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total Combined TPH (GRO/DRO/MRO)[1] (mg/kg)	Chloride (mg/kg)
New Mexico Energy, Mineral & Natural Resources Department Oil Conservation Division Closure Criteria (Tier I)				**10**	**NE**	**NE**	**NE**	**50**	**NE**	**NE**	**NE**	**100**	**600**
Excavation Composite Soil Samples													
S-1	2.25.25	C	18	<0.020	<0.040	<0.040	<0.081	ND	<4.0	<9.6	<48	ND	<59
S-2	2.25.25	C	18	<0.016	<0.033	0.033	<0.066	0.033	<3.3	<9.4	<47	ND	<60
S-3	2.25.25	C	18	<0.016	<0.033	<0.033	<0.066	ND	<3.3	12	<48	12	<60
S-4	2.25.25	C	0 to 18	<0.016	<0.031	<0.031	<0.063	ND	<3.1	<9.3	<46	ND	<60
S-5	2.25.25	C	0 to 18	<0.015	<0.031	0.099	0.38	0.48	3.8	<9.5	<48	3.8	64
S-6	2.25.25	C	0 to 18	<0.015	<0.030	<0.030	<0.060	ND	<3.0	<9.7	<48	ND	<60
S-7	2.25.25	C	0 to 18	<0.016	<0.031	<0.031	<0.063	ND	<3.1	<9.3	<46	ND	<60
S-8	2.25.25	C	0 to 18	<0.016	<0.033	<0.033	<0.066	ND	<3.3	9.5	<47	9.5	<60
S-9	2.25.25	C	0 to 18	<0.016	<0.032	<0.032	<0.064	ND	<3.2	41	<46	41	<60
S-10	2.25.25	C	0 to 18	<0.016	<0.033	<0.033	<0.066	ND	<3.3	<9.8	<49	ND	81
S-11	2.25.25	C	0 to 18	<0.016	<0.033	<0.033	<0.066	ND	<3.3	<9.6	<48	ND	<60
S-12	2.25.25	C	3 to 18	<0.016	<0.031	<0.031	0.080	0.080	<3.1	<9.8	<49	ND	<60
S-13	2.25.25	C	0 to 18	<0.016	<0.032	<0.032	<0.065	ND	<3.2	<9.9	<49	ND	<61
S-14	2.25.25	C	0 to 3	<0.016	<0.032	<0.032	<0.065	ND	<3.2	10	<48	10	<60
Backfill Composite Soil Sample													
BF-1	4.23.25	C	BF	<0.025	<0.050	<0.050	<0.099	ND	<5.0	<9.7	<48	ND	<61

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

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

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

NE = Not established

NS = Not sampled

mg/kg = milligrams per kilogram

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes

TPH = Total Petroleum Hydrocarbons

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

MRO = Motor Oil/Lube Oil Range Organics

BF = Backfill sample

ENSOLUM

APPENDIX G

Laboratory Data Sheets & Chain of Custody Documentation

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/17/2025 11:57:39 AM Revision 1

JOB DESCRIPTION

Federal H #1

JOB NUMBER

885-20459-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

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

Authorization

Generated
4/17/2025 11:57:39 AM
Revision 1

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

Client: Ensolum
Project/Site: Federal H #1

Laboratory Job ID: 885-20459-1

Table of Contents

Definitions/Glossary

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-20459-1

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: Federal H #1

Job ID: 885-20459-1

Job ID: 885-20459-1 Eurofins Albuquerque

Job Narrative
885-20459-1

REVISION

The report being provided is a revision of the original report sent on 3/3/2025. The report (revision 1) is being revised due to Reporting level for 8015GRO and 8021BTEX updated for sample S-14.

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 2/26/2025 7:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.9°C.

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

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

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

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

Client Sample Results

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-20459-1

Client Sample ID: S-1
Date Collected: 02/25/25 09:30
Date Received: 02/26/25 07:00

Lab Sample ID: 885-20459-1
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		4.0		mg/Kg		02/26/25 09:26	02/26/25 11:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*02/26/25 09:26*	*02/26/25 11:33*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020		mg/Kg		02/26/25 09:26	02/26/25 11:33	1
Ethylbenzene	ND		0.040		mg/Kg		02/26/25 09:26	02/26/25 11:33	1
Toluene	ND		0.040		mg/Kg		02/26/25 09:26	02/26/25 11:33	1
Xylenes, Total	ND		0.081		mg/Kg		02/26/25 09:26	02/26/25 11:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*48 - 145*	*02/26/25 09:26*	*02/26/25 11:33*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		02/26/25 09:23	02/26/25 12:32	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		02/26/25 09:23	02/26/25 12:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*103*		*62 - 134*	*02/26/25 09:23*	*02/26/25 12:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		59		mg/Kg		02/26/25 10:07	02/26/25 11:30	20

Client Sample Results

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-20459-1

Client Sample ID: S-2
Date Collected: 02/25/25 09:40
Date Received: 02/26/25 07:00

Lab Sample ID: 885-20459-2
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		02/26/25 09:26	02/26/25 11:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*35 - 166*	*02/26/25 09:26*	*02/26/25 11:55*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016		mg/Kg		02/26/25 09:26	02/26/25 11:55	1
Ethylbenzene	ND		0.033		mg/Kg		02/26/25 09:26	02/26/25 11:55	1
Toluene	**0.033**		0.033		mg/Kg		02/26/25 09:26	02/26/25 11:55	1
Xylenes, Total	ND		0.066		mg/Kg		02/26/25 09:26	02/26/25 11:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*48 - 145*	*02/26/25 09:26*	*02/26/25 11:55*	*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		02/26/25 09:23	02/26/25 13:09	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		02/26/25 09:23	02/26/25 13:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*	*02/26/25 09:23*	*02/26/25 13:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/26/25 10:07	02/26/25 11:40	20

Client Sample Results

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-20459-1

Client Sample ID: S-3
Date Collected: 02/25/25 09:50
Date Received: 02/26/25 07:00

Lab Sample ID: 885-20459-3
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		02/26/25 09:26	02/26/25 12:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*35 - 166*	*02/26/25 09:26*	*02/26/25 12:17*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016		mg/Kg		02/26/25 09:26	02/26/25 12:17	1
Ethylbenzene	ND		0.033		mg/Kg		02/26/25 09:26	02/26/25 12:17	1
Toluene	ND		0.033		mg/Kg		02/26/25 09:26	02/26/25 12:17	1
Xylenes, Total	ND		0.066		mg/Kg		02/26/25 09:26	02/26/25 12:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*48 - 145*	*02/26/25 09:26*	*02/26/25 12:17*	*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]	**12**		9.5		mg/Kg		02/26/25 09:23	02/26/25 13:19	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		02/26/25 09:23	02/26/25 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*101*		*62 - 134*	*02/26/25 09:23*	*02/26/25 13:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/26/25 10:07	02/26/25 11:50	20

Client Sample Results

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-20459-1

Client Sample ID: S-4
Date Collected: 02/25/25 10:00
Date Received: 02/26/25 07:00

Lab Sample ID: 885-20459-4
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		3.1		mg/Kg		02/26/25 09:26	02/26/25 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*02/26/25 09:26*	*02/26/25 12:39*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016		mg/Kg		02/26/25 09:26	02/26/25 12:39	1
Ethylbenzene	ND		0.031		mg/Kg		02/26/25 09:26	02/26/25 12:39	1
Toluene	ND		0.031		mg/Kg		02/26/25 09:26	02/26/25 12:39	1
Xylenes, Total	ND		0.063		mg/Kg		02/26/25 09:26	02/26/25 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*48 - 145*	*02/26/25 09:26*	*02/26/25 12:39*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		02/26/25 09:23	02/26/25 13:30	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		02/26/25 09:23	02/26/25 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*103*		*62 - 134*	*02/26/25 09:23*	*02/26/25 13:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/26/25 10:07	02/26/25 11:59	20

Client Sample Results

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-20459-1

Client Sample ID: S-5
Date Collected: 02/25/25 10:10
Date Received: 02/26/25 07:00

Lab Sample ID: 885-20459-5
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]	**3.8**		3.1		mg/Kg		02/26/25 09:26	02/26/25 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*35 - 166*	*02/26/25 09:26*	*02/26/25 13:01*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.015		mg/Kg		02/26/25 09:26	02/26/25 13:01	1
Ethylbenzene	ND		0.031		mg/Kg		02/26/25 09:26	02/26/25 13:01	1
Toluene	**0.099**		0.031		mg/Kg		02/26/25 09:26	02/26/25 13:01	1
Xylenes, Total	**0.38**		0.062		mg/Kg		02/26/25 09:26	02/26/25 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*48 - 145*	*02/26/25 09:26*	*02/26/25 13:01*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		02/26/25 09:23	02/26/25 13:41	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		02/26/25 09:23	02/26/25 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*106*		*62 - 134*	*02/26/25 09:23*	*02/26/25 13:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**64**		60		mg/Kg		02/26/25 10:07	02/26/25 12:09	20

Client Sample Results

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-20459-1

Client Sample ID: S-6
Date Collected: 02/25/25 10:20
Date Received: 02/26/25 07:00

Lab Sample ID: 885-20459-6
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.0		mg/Kg		02/26/25 09:26	02/26/25 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*35 - 166*	*02/26/25 09:26*	*02/26/25 13:22*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.015		mg/Kg		02/26/25 09:26	02/26/25 13:22	1
Ethylbenzene	ND		0.030		mg/Kg		02/26/25 09:26	02/26/25 13:22	1
Toluene	ND		0.030		mg/Kg		02/26/25 09:26	02/26/25 13:22	1
Xylenes, Total	ND		0.060		mg/Kg		02/26/25 09:26	02/26/25 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*48 - 145*	*02/26/25 09:26*	*02/26/25 13:22*	*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		02/26/25 09:23	02/26/25 14:03	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		02/26/25 09:23	02/26/25 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*111*		*62 - 134*	*02/26/25 09:23*	*02/26/25 14:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/26/25 10:07	02/26/25 12:19	20

Client Sample Results

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-20459-1

Client Sample ID: S-7
Date Collected: 02/25/25 10:30
Date Received: 02/26/25 07:00

Lab Sample ID: 885-20459-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.1		mg/Kg		02/26/25 09:26	02/26/25 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*02/26/25 09:26*	*02/26/25 13:44*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016		mg/Kg		02/26/25 09:26	02/26/25 13:44	1
Ethylbenzene	ND		0.031		mg/Kg		02/26/25 09:26	02/26/25 13:44	1
Toluene	ND		0.031		mg/Kg		02/26/25 09:26	02/26/25 13:44	1
Xylenes, Total	ND		0.063		mg/Kg		02/26/25 09:26	02/26/25 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*48 - 145*	*02/26/25 09:26*	*02/26/25 13:44*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		02/26/25 09:23	02/26/25 14:14	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		02/26/25 09:23	02/26/25 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*	*02/26/25 09:23*	*02/26/25 14:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/26/25 10:07	02/26/25 12:29	20

Client Sample Results

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-20459-1

Client Sample ID: S-8
Date Collected: 02/25/25 10:40
Date Received: 02/26/25 07:00

Lab Sample ID: 885-20459-8
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.3		mg/Kg		02/26/25 09:26	02/26/25 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*02/26/25 09:26*	*02/26/25 14:06*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016		mg/Kg		02/26/25 09:26	02/26/25 14:06	1
Ethylbenzene	ND		0.033		mg/Kg		02/26/25 09:26	02/26/25 14:06	1
Toluene	ND		0.033		mg/Kg		02/26/25 09:26	02/26/25 14:06	1
Xylenes, Total	ND		0.066		mg/Kg		02/26/25 09:26	02/26/25 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*48 - 145*	*02/26/25 09:26*	*02/26/25 14:06*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**9.5**		9.4		mg/Kg		02/26/25 09:23	02/26/25 14:30	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		02/26/25 09:23	02/26/25 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*104*		*62 - 134*	*02/26/25 09:23*	*02/26/25 14:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/26/25 10:07	02/26/25 12:39	20

Client Sample Results

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-20459-1

Client Sample ID: S-9
Date Collected: 02/25/25 10:50
Date Received: 02/26/25 07:00

Lab Sample ID: 885-20459-9
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.2		mg/Kg		02/26/25 09:26	02/26/25 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*02/26/25 09:26*	*02/26/25 14:28*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016		mg/Kg		02/26/25 09:26	02/26/25 14:28	1
Ethylbenzene	ND		0.032		mg/Kg		02/26/25 09:26	02/26/25 14:28	1
Toluene	ND		0.032		mg/Kg		02/26/25 09:26	02/26/25 14:28	1
Xylenes, Total	ND		0.064		mg/Kg		02/26/25 09:26	02/26/25 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*48 - 145*	*02/26/25 09:26*	*02/26/25 14:28*	*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]	**41**		9.2		mg/Kg		02/26/25 09:23	02/26/25 14:41	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		02/26/25 09:23	02/26/25 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*102*		*62 - 134*	*02/26/25 09:23*	*02/26/25 14:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/26/25 10:07	02/26/25 13:08	20

Client Sample Results

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-20459-1

Client Sample ID: S-10
Date Collected: 02/25/25 11:00
Date Received: 02/26/25 07:00

Lab Sample ID: 885-20459-10
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		3.3		mg/Kg		02/26/25 09:26	02/26/25 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*35 - 166*	*02/26/25 09:26*	*02/26/25 14:50*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016		mg/Kg		02/26/25 09:26	02/26/25 14:50	1
Ethylbenzene	ND		0.033		mg/Kg		02/26/25 09:26	02/26/25 14:50	1
Toluene	ND		0.033		mg/Kg		02/26/25 09:26	02/26/25 14:50	1
Xylenes, Total	ND		0.066		mg/Kg		02/26/25 09:26	02/26/25 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*48 - 145*	*02/26/25 09:26*	*02/26/25 14:50*	*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		02/26/25 09:23	02/26/25 14:52	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		02/26/25 09:23	02/26/25 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*106*		*62 - 134*	*02/26/25 09:23*	*02/26/25 14:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**81**		60		mg/Kg		02/26/25 10:07	02/26/25 13:18	20

Client Sample Results

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-20459-1

Client Sample ID: S-11
Date Collected: 02/25/25 11:10
Date Received: 02/26/25 07:00

Lab Sample ID: 885-20459-11
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		3.3		mg/Kg		02/26/25 09:26	02/26/25 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*35 - 166*	*02/26/25 09:26*	*02/26/25 15:33*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016		mg/Kg		02/26/25 09:26	02/26/25 15:33	1
Ethylbenzene	ND		0.033		mg/Kg		02/26/25 09:26	02/26/25 15:33	1
Toluene	ND		0.033		mg/Kg		02/26/25 09:26	02/26/25 15:33	1
Xylenes, Total	ND		0.066		mg/Kg		02/26/25 09:26	02/26/25 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*48 - 145*	*02/26/25 09:26*	*02/26/25 15:33*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		02/26/25 09:23	02/26/25 15:03	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		02/26/25 09:23	02/26/25 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*108*		*62 - 134*	*02/26/25 09:23*	*02/26/25 15:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/26/25 10:07	02/26/25 13:28	20

Client Sample Results

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-20459-1

Client Sample ID: S-12
Date Collected: 02/25/25 11:20
Date Received: 02/26/25 07:00

Lab Sample ID: 885-20459-12
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		3.1		mg/Kg		02/26/25 09:26	02/26/25 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*02/26/25 09:26*	*02/26/25 15:55*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016		mg/Kg		02/26/25 09:26	02/26/25 15:55	1
Ethylbenzene	ND		0.031		mg/Kg		02/26/25 09:26	02/26/25 15:55	1
Toluene	ND		0.031		mg/Kg		02/26/25 09:26	02/26/25 15:55	1
Xylenes, Total	**0.080**		0.063		mg/Kg		02/26/25 09:26	02/26/25 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*48 - 145*	*02/26/25 09:26*	*02/26/25 15:55*	*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		02/26/25 09:23	02/26/25 15:14	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		02/26/25 09:23	02/26/25 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*113*		*62 - 134*	*02/26/25 09:23*	*02/26/25 15:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/26/25 10:07	02/26/25 13:38	20

Client Sample Results

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-20459-1

Client Sample ID: S-13
Date Collected: 02/25/25 11:30
Date Received: 02/26/25 07:00

Lab Sample ID: 885-20459-13
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		3.2		mg/Kg		02/26/25 09:26	02/26/25 16:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*35 - 166*	*02/26/25 09:26*	*02/26/25 16:17*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016		mg/Kg		02/26/25 09:26	02/26/25 16:17	1
Ethylbenzene	ND		0.032		mg/Kg		02/26/25 09:26	02/26/25 16:17	1
Toluene	ND		0.032		mg/Kg		02/26/25 09:26	02/26/25 16:17	1
Xylenes, Total	ND		0.065		mg/Kg		02/26/25 09:26	02/26/25 16:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*48 - 145*	*02/26/25 09:26*	*02/26/25 16:17*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		02/26/25 09:23	02/26/25 15:25	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		02/26/25 09:23	02/26/25 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*104*		*62 - 134*	*02/26/25 09:23*	*02/26/25 15:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		61		mg/Kg		02/26/25 10:07	02/26/25 13:48	20

Client Sample Results

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-20459-1

Client Sample ID: S-14
Date Collected: 02/25/25 11:40
Date Received: 02/26/25 07:00

Lab Sample ID: 885-20459-14
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		3.2		mg/Kg		02/26/25 09:26	02/26/25 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*35 - 166*	*02/26/25 09:26*	*02/26/25 16:39*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016		mg/Kg		02/26/25 09:26	02/26/25 16:39	1
Ethylbenzene	ND		0.032		mg/Kg		02/26/25 09:26	02/26/25 16:39	1
Toluene	ND		0.032		mg/Kg		02/26/25 09:26	02/26/25 16:39	1
Xylenes, Total	ND		0.065		mg/Kg		02/26/25 09:26	02/26/25 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*48 - 145*	*02/26/25 09:26*	*02/26/25 16:39*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**10**		9.5		mg/Kg		02/26/25 09:23	02/26/25 15:36	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		02/26/25 09:23	02/26/25 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*108*		*62 - 134*	*02/26/25 09:23*	*02/26/25 15:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/26/25 10:07	02/26/25 13:58	20

QC Sample Results

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-20459-1

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

Lab Sample ID: MB 885-21485/1-A
Matrix: Solid
Analysis Batch: 21480

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21485

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		02/26/25 09:26	02/26/25 11:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*35 - 166*	*02/26/25 09:26*	*02/26/25 11:11*	*1*

Lab Sample ID: LCS 885-21485/2-A
Matrix: Solid
Analysis Batch: 21480

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 21485

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	26.4		mg/Kg		106	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*207*		*35 - 166*

Lab Sample ID: 885-20459-1 MS
Matrix: Solid
Analysis Batch: 21480

Client Sample ID: S-1
Prep Type: Total/NA
Prep Batch: 21485

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]	ND		20.2	22.3		mg/Kg		110	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*205*		*35 - 166*

Lab Sample ID: 885-20459-1 MSD
Matrix: Solid
Analysis Batch: 21480

Client Sample ID: S-1
Prep Type: Total/NA
Prep Batch: 21485

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		20.2	21.3		mg/Kg		105	70 - 130	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*194*		*35 - 166*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-21485/1-A
Matrix: Solid
Analysis Batch: 21481

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21485

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		02/26/25 09:26	02/26/25 11:11	1
Ethylbenzene	ND		0.050		mg/Kg		02/26/25 09:26	02/26/25 11:11	1
Toluene	ND		0.050		mg/Kg		02/26/25 09:26	02/26/25 11:11	1

QC Sample Results

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-20459-1

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

Lab Sample ID: MB 885-21485/1-A
Matrix: Solid
Analysis Batch: 21481

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21485

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10		mg/Kg		02/26/25 09:26	02/26/25 11:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*48 - 145*	*02/26/25 09:26*	*02/26/25 11:11*	*1*

Lab Sample ID: LCS 885-21485/3-A
Matrix: Solid
Analysis Batch: 21481

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 21485

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.973		mg/Kg		97	70 - 130		
Ethylbenzene			1.00	0.987		mg/Kg		99	70 - 130		
Toluene			1.00	0.977		mg/Kg		98	70 - 130		
Xylenes, Total			3.00	2.95		mg/Kg		98	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*48 - 145*

Lab Sample ID: 885-20459-2 MS
Matrix: Solid
Analysis Batch: 21481

Client Sample ID: S-2
Prep Type: Total/NA
Prep Batch: 21485

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.656	0.619		mg/Kg		94	70 - 130		
Ethylbenzene	ND		0.656	0.624		mg/Kg		95	70 - 130		
Toluene	0.033		0.656	0.649		mg/Kg		94	70 - 130		
Xylenes, Total	ND		1.97	1.91		mg/Kg		94	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*48 - 145*

Lab Sample ID: 885-20459-2 MSD
Matrix: Solid
Analysis Batch: 21481

Client Sample ID: S-2
Prep Type: Total/NA
Prep Batch: 21485

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.656	0.622		mg/Kg		95	70 - 130	1	20
Ethylbenzene	ND		0.656	0.626		mg/Kg		95	70 - 130	0	20
Toluene	0.033		0.656	0.652		mg/Kg		94	70 - 130	0	20
Xylenes, Total	ND		1.97	1.92		mg/Kg		94	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*48 - 145*

QC Sample Results

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-20459-1

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

Lab Sample ID: MB 885-21484/1-A
Matrix: Solid
Analysis Batch: 21472

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21484

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		02/26/25 09:23	02/26/25 12:11	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		02/26/25 09:23	02/26/25 12:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*101*		*62 - 134*	*02/26/25 09:23*	*02/26/25 12:11*	*1*

Lab Sample ID: LCS 885-21484/2-A
Matrix: Solid
Analysis Batch: 21472

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 21484

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	51.1		mg/Kg		102	60 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*76*		*62 - 134*

Lab Sample ID: 885-20459-1 MS
Matrix: Solid
Analysis Batch: 21472

Client Sample ID: S-1
Prep Type: Total/NA
Prep Batch: 21484

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		48.2	51.0		mg/Kg		106	44 - 136		

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

Lab Sample ID: 885-20459-1 MSD
Matrix: Solid
Analysis Batch: 21472

Client Sample ID: S-1
Prep Type: Total/NA
Prep Batch: 21484

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		46.1	49.4		mg/Kg		107	44 - 136	3	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*88*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-21486/1-A
Matrix: Solid
Analysis Batch: 21491

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21486

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		02/26/25 10:07	02/26/25 11:10	1

QC Sample Results

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-20459-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-21486/2-A
Matrix: Solid
Analysis Batch: 21491

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 21486

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	29.3		mg/Kg		98	90 - 110		

QC Association Summary

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-20459-1

GC VOA

Analysis Batch: 21480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20459-1	S-1	Total/NA	Solid	8015M/D	21485
885-20459-2	S-2	Total/NA	Solid	8015M/D	21485
885-20459-3	S-3	Total/NA	Solid	8015M/D	21485
885-20459-4	S-4	Total/NA	Solid	8015M/D	21485
885-20459-5	S-5	Total/NA	Solid	8015M/D	21485
885-20459-6	S-6	Total/NA	Solid	8015M/D	21485
885-20459-7	S-7	Total/NA	Solid	8015M/D	21485
885-20459-8	S-8	Total/NA	Solid	8015M/D	21485
885-20459-9	S-9	Total/NA	Solid	8015M/D	21485
885-20459-10	S-10	Total/NA	Solid	8015M/D	21485
885-20459-11	S-11	Total/NA	Solid	8015M/D	21485
885-20459-12	S-12	Total/NA	Solid	8015M/D	21485
885-20459-13	S-13	Total/NA	Solid	8015M/D	21485
885-20459-14	S-14	Total/NA	Solid	8015M/D	21485
MB 885-21485/1-A	Method Blank	Total/NA	Solid	8015M/D	21485
LCS 885-21485/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	21485
885-20459-1 MS	S-1	Total/NA	Solid	8015M/D	21485
885-20459-1 MSD	S-1	Total/NA	Solid	8015M/D	21485

Analysis Batch: 21481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20459-1	S-1	Total/NA	Solid	8021B	21485
885-20459-2	S-2	Total/NA	Solid	8021B	21485
885-20459-3	S-3	Total/NA	Solid	8021B	21485
885-20459-4	S-4	Total/NA	Solid	8021B	21485
885-20459-5	S-5	Total/NA	Solid	8021B	21485
885-20459-6	S-6	Total/NA	Solid	8021B	21485
885-20459-7	S-7	Total/NA	Solid	8021B	21485
885-20459-8	S-8	Total/NA	Solid	8021B	21485
885-20459-9	S-9	Total/NA	Solid	8021B	21485
885-20459-10	S-10	Total/NA	Solid	8021B	21485
885-20459-11	S-11	Total/NA	Solid	8021B	21485
885-20459-12	S-12	Total/NA	Solid	8021B	21485
885-20459-13	S-13	Total/NA	Solid	8021B	21485
885-20459-14	S-14	Total/NA	Solid	8021B	21485
MB 885-21485/1-A	Method Blank	Total/NA	Solid	8021B	21485
LCS 885-21485/3-A	Lab Control Sample	Total/NA	Solid	8021B	21485
885-20459-2 MS	S-2	Total/NA	Solid	8021B	21485
885-20459-2 MSD	S-2	Total/NA	Solid	8021B	21485

Prep Batch: 21485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20459-1	S-1	Total/NA	Solid	5035	
885-20459-2	S-2	Total/NA	Solid	5035	
885-20459-3	S-3	Total/NA	Solid	5035	
885-20459-4	S-4	Total/NA	Solid	5035	
885-20459-5	S-5	Total/NA	Solid	5035	
885-20459-6	S-6	Total/NA	Solid	5035	
885-20459-7	S-7	Total/NA	Solid	5035	
885-20459-8	S-8	Total/NA	Solid	5035	
885-20459-9	S-9	Total/NA	Solid	5035	

QC Association Summary

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-20459-1

GC VOA (Continued)

Prep Batch: 21485 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20459-10	S-10	Total/NA	Solid	5035	
885-20459-11	S-11	Total/NA	Solid	5035	
885-20459-12	S-12	Total/NA	Solid	5035	
885-20459-13	S-13	Total/NA	Solid	5035	
885-20459-14	S-14	Total/NA	Solid	5035	
MB 885-21485/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-21485/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-21485/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-20459-1 MS	S-1	Total/NA	Solid	5035	
885-20459-1 MSD	S-1	Total/NA	Solid	5035	
885-20459-2 MS	S-2	Total/NA	Solid	5035	
885-20459-2 MSD	S-2	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 21472

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20459-1	S-1	Total/NA	Solid	8015M/D	21484
885-20459-2	S-2	Total/NA	Solid	8015M/D	21484
885-20459-3	S-3	Total/NA	Solid	8015M/D	21484
885-20459-4	S-4	Total/NA	Solid	8015M/D	21484
885-20459-5	S-5	Total/NA	Solid	8015M/D	21484
885-20459-6	S-6	Total/NA	Solid	8015M/D	21484
885-20459-7	S-7	Total/NA	Solid	8015M/D	21484
885-20459-8	S-8	Total/NA	Solid	8015M/D	21484
885-20459-9	S-9	Total/NA	Solid	8015M/D	21484
885-20459-10	S-10	Total/NA	Solid	8015M/D	21484
885-20459-11	S-11	Total/NA	Solid	8015M/D	21484
885-20459-12	S-12	Total/NA	Solid	8015M/D	21484
885-20459-13	S-13	Total/NA	Solid	8015M/D	21484
885-20459-14	S-14	Total/NA	Solid	8015M/D	21484
MB 885-21484/1-A	Method Blank	Total/NA	Solid	8015M/D	21484
LCS 885-21484/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	21484
885-20459-1 MS	S-1	Total/NA	Solid	8015M/D	21484
885-20459-1 MSD	S-1	Total/NA	Solid	8015M/D	21484

Prep Batch: 21484

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20459-1	S-1	Total/NA	Solid	SHAKE	
885-20459-2	S-2	Total/NA	Solid	SHAKE	
885-20459-3	S-3	Total/NA	Solid	SHAKE	
885-20459-4	S-4	Total/NA	Solid	SHAKE	
885-20459-5	S-5	Total/NA	Solid	SHAKE	
885-20459-6	S-6	Total/NA	Solid	SHAKE	
885-20459-7	S-7	Total/NA	Solid	SHAKE	
885-20459-8	S-8	Total/NA	Solid	SHAKE	
885-20459-9	S-9	Total/NA	Solid	SHAKE	
885-20459-10	S-10	Total/NA	Solid	SHAKE	
885-20459-11	S-11	Total/NA	Solid	SHAKE	
885-20459-12	S-12	Total/NA	Solid	SHAKE	
885-20459-13	S-13	Total/NA	Solid	SHAKE	

QC Association Summary

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-20459-1

GC Semi VOA (Continued)

Prep Batch: 21484 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20459-14	S-14	Total/NA	Solid	SHAKE	
MB 885-21484/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-21484/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-20459-1 MS	S-1	Total/NA	Solid	SHAKE	
885-20459-1 MSD	S-1	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 21486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20459-1	S-1	Total/NA	Solid	300_Prep	
885-20459-2	S-2	Total/NA	Solid	300_Prep	
885-20459-3	S-3	Total/NA	Solid	300_Prep	
885-20459-4	S-4	Total/NA	Solid	300_Prep	
885-20459-5	S-5	Total/NA	Solid	300_Prep	
885-20459-6	S-6	Total/NA	Solid	300_Prep	
885-20459-7	S-7	Total/NA	Solid	300_Prep	
885-20459-8	S-8	Total/NA	Solid	300_Prep	
885-20459-9	S-9	Total/NA	Solid	300_Prep	
885-20459-10	S-10	Total/NA	Solid	300_Prep	
885-20459-11	S-11	Total/NA	Solid	300_Prep	
885-20459-12	S-12	Total/NA	Solid	300_Prep	
885-20459-13	S-13	Total/NA	Solid	300_Prep	
885-20459-14	S-14	Total/NA	Solid	300_Prep	
MB 885-21486/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-21486/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 21491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20459-1	S-1	Total/NA	Solid	300.0	21486
885-20459-2	S-2	Total/NA	Solid	300.0	21486
885-20459-3	S-3	Total/NA	Solid	300.0	21486
885-20459-4	S-4	Total/NA	Solid	300.0	21486
885-20459-5	S-5	Total/NA	Solid	300.0	21486
885-20459-6	S-6	Total/NA	Solid	300.0	21486
885-20459-7	S-7	Total/NA	Solid	300.0	21486
885-20459-8	S-8	Total/NA	Solid	300.0	21486
885-20459-9	S-9	Total/NA	Solid	300.0	21486
885-20459-10	S-10	Total/NA	Solid	300.0	21486
885-20459-11	S-11	Total/NA	Solid	300.0	21486
885-20459-12	S-12	Total/NA	Solid	300.0	21486
885-20459-13	S-13	Total/NA	Solid	300.0	21486
885-20459-14	S-14	Total/NA	Solid	300.0	21486
MB 885-21486/1-A	Method Blank	Total/NA	Solid	300.0	21486
LCS 885-21486/2-A	Lab Control Sample	Total/NA	Solid	300.0	21486

Lab Chronicle

Client: Ensolum
Job ID: 885-20459-1
Project/Site: Federal H #1

Client Sample ID: S-1
Lab Sample ID: 885-20459-1
Date Collected: 02/25/25 09:30
Matrix: Solid
Date Received: 02/26/25 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8015M/D		1	21480	AT	EET ALB	02/26/25 11:33
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8021B		1	21481	AT	EET ALB	02/26/25 11:33
Total/NA	Prep	SHAKE			21484	MI	EET ALB	02/26/25 09:23
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 12:32
Total/NA	Prep	300_Prep			21486	DL	EET ALB	02/26/25 10:07
Total/NA	Analysis	300.0		20	21491	RC	EET ALB	02/26/25 11:30

Client Sample ID: S-2
Lab Sample ID: 885-20459-2
Date Collected: 02/25/25 09:40
Matrix: Solid
Date Received: 02/26/25 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8015M/D		1	21480	AT	EET ALB	02/26/25 11:55
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8021B		1	21481	AT	EET ALB	02/26/25 11:55
Total/NA	Prep	SHAKE			21484	MI	EET ALB	02/26/25 09:23
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 13:09
Total/NA	Prep	300_Prep			21486	DL	EET ALB	02/26/25 10:07
Total/NA	Analysis	300.0		20	21491	RC	EET ALB	02/26/25 11:40

Client Sample ID: S-3
Lab Sample ID: 885-20459-3
Date Collected: 02/25/25 09:50
Matrix: Solid
Date Received: 02/26/25 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8015M/D		1	21480	AT	EET ALB	02/26/25 12:17
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8021B		1	21481	AT	EET ALB	02/26/25 12:17
Total/NA	Prep	SHAKE			21484	MI	EET ALB	02/26/25 09:23
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 13:19
Total/NA	Prep	300_Prep			21486	DL	EET ALB	02/26/25 10:07
Total/NA	Analysis	300.0		20	21491	RC	EET ALB	02/26/25 11:50

Client Sample ID: S-4
Lab Sample ID: 885-20459-4
Date Collected: 02/25/25 10:00
Matrix: Solid
Date Received: 02/26/25 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8015M/D		1	21480	AT	EET ALB	02/26/25 12:39

Lab Chronicle

Client: Ensolum
Job ID: 885-20459-1
Project/Site: Federal H #1

Client Sample ID: S-4
Lab Sample ID: 885-20459-4
Date Collected: 02/25/25 10:00
Matrix: Solid
Date Received: 02/26/25 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8021B		1	21481	AT	EET ALB	02/26/25 12:39
Total/NA	Prep	SHAKE			21484	MI	EET ALB	02/26/25 09:23
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 13:30
Total/NA	Prep	300_Prep			21486	DL	EET ALB	02/26/25 10:07
Total/NA	Analysis	300.0		20	21491	RC	EET ALB	02/26/25 11:59

Client Sample ID: S-5
Lab Sample ID: 885-20459-5
Date Collected: 02/25/25 10:10
Matrix: Solid
Date Received: 02/26/25 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8015M/D		1	21480	AT	EET ALB	02/26/25 13:01
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8021B		1	21481	AT	EET ALB	02/26/25 13:01
Total/NA	Prep	SHAKE			21484	MI	EET ALB	02/26/25 09:23
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 13:41
Total/NA	Prep	300_Prep			21486	DL	EET ALB	02/26/25 10:07
Total/NA	Analysis	300.0		20	21491	RC	EET ALB	02/26/25 12:09

Client Sample ID: S-6
Lab Sample ID: 885-20459-6
Date Collected: 02/25/25 10:20
Matrix: Solid
Date Received: 02/26/25 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8015M/D		1	21480	AT	EET ALB	02/26/25 13:22
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8021B		1	21481	AT	EET ALB	02/26/25 13:22
Total/NA	Prep	SHAKE			21484	MI	EET ALB	02/26/25 09:23
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 14:03
Total/NA	Prep	300_Prep			21486	DL	EET ALB	02/26/25 10:07
Total/NA	Analysis	300.0		20	21491	RC	EET ALB	02/26/25 12:19

Client Sample ID: S-7
Lab Sample ID: 885-20459-7
Date Collected: 02/25/25 10:30
Matrix: Solid
Date Received: 02/26/25 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8015M/D		1	21480	AT	EET ALB	02/26/25 13:44
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8021B		1	21481	AT	EET ALB	02/26/25 13:44

Lab Chronicle

Client: Ensolum
Job ID: 885-20459-1
Project/Site: Federal H #1

Client Sample ID: S-7
Lab Sample ID: 885-20459-7
Date Collected: 02/25/25 10:30
Matrix: Solid
Date Received: 02/26/25 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			21484	MI	EET ALB	02/26/25 09:23
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 14:14
Total/NA	Prep	300_Prep			21486	DL	EET ALB	02/26/25 10:07
Total/NA	Analysis	300.0		20	21491	RC	EET ALB	02/26/25 12:29

Client Sample ID: S-8
Lab Sample ID: 885-20459-8
Date Collected: 02/25/25 10:40
Matrix: Solid
Date Received: 02/26/25 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8015M/D		1	21480	AT	EET ALB	02/26/25 14:06
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8021B		1	21481	AT	EET ALB	02/26/25 14:06
Total/NA	Prep	SHAKE			21484	MI	EET ALB	02/26/25 09:23
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 14:30
Total/NA	Prep	300_Prep			21486	DL	EET ALB	02/26/25 10:07
Total/NA	Analysis	300.0		20	21491	RC	EET ALB	02/26/25 12:39

Client Sample ID: S-9
Lab Sample ID: 885-20459-9
Date Collected: 02/25/25 10:50
Matrix: Solid
Date Received: 02/26/25 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8015M/D		1	21480	AT	EET ALB	02/26/25 14:28
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8021B		1	21481	AT	EET ALB	02/26/25 14:28
Total/NA	Prep	SHAKE			21484	MI	EET ALB	02/26/25 09:23
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 14:41
Total/NA	Prep	300_Prep			21486	DL	EET ALB	02/26/25 10:07
Total/NA	Analysis	300.0		20	21491	RC	EET ALB	02/26/25 13:08

Client Sample ID: S-10
Lab Sample ID: 885-20459-10
Date Collected: 02/25/25 11:00
Matrix: Solid
Date Received: 02/26/25 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8015M/D		1	21480	AT	EET ALB	02/26/25 14:50
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8021B		1	21481	AT	EET ALB	02/26/25 14:50
Total/NA	Prep	SHAKE			21484	MI	EET ALB	02/26/25 09:23
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 14:52

Lab Chronicle

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-20459-1

Client Sample ID: S-10
Date Collected: 02/25/25 11:00
Date Received: 02/26/25 07:00

Lab Sample ID: 885-20459-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			21486	DL	EET ALB	02/26/25 10:07
Total/NA	Analysis	300.0		20	21491	RC	EET ALB	02/26/25 13:18

Client Sample ID: S-11
Date Collected: 02/25/25 11:10
Date Received: 02/26/25 07:00

Lab Sample ID: 885-20459-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8015M/D		1	21480	AT	EET ALB	02/26/25 15:33
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8021B		1	21481	AT	EET ALB	02/26/25 15:33
Total/NA	Prep	SHAKE			21484	MI	EET ALB	02/26/25 09:23
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 15:03
Total/NA	Prep	300_Prep			21486	DL	EET ALB	02/26/25 10:07
Total/NA	Analysis	300.0		20	21491	RC	EET ALB	02/26/25 13:28

Client Sample ID: S-12
Date Collected: 02/25/25 11:20
Date Received: 02/26/25 07:00

Lab Sample ID: 885-20459-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8015M/D		1	21480	AT	EET ALB	02/26/25 15:55
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8021B		1	21481	AT	EET ALB	02/26/25 15:55
Total/NA	Prep	SHAKE			21484	MI	EET ALB	02/26/25 09:23
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 15:14
Total/NA	Prep	300_Prep			21486	DL	EET ALB	02/26/25 10:07
Total/NA	Analysis	300.0		20	21491	RC	EET ALB	02/26/25 13:38

Client Sample ID: S-13
Date Collected: 02/25/25 11:30
Date Received: 02/26/25 07:00

Lab Sample ID: 885-20459-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8015M/D		1	21480	AT	EET ALB	02/26/25 16:17
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8021B		1	21481	AT	EET ALB	02/26/25 16:17
Total/NA	Prep	SHAKE			21484	MI	EET ALB	02/26/25 09:23
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 15:25
Total/NA	Prep	300_Prep			21486	DL	EET ALB	02/26/25 10:07
Total/NA	Analysis	300.0		20	21491	RC	EET ALB	02/26/25 13:48

Lab Chronicle

Client: Ensolum
Job ID: 885-20459-1
Project/Site: Federal H #1

Client Sample ID: S-14
Date Collected: 02/25/25 11:40
Date Received: 02/26/25 07:00

Lab Sample ID: 885-20459-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8015M/D		1	21480	AT	EET ALB	02/26/25 16:39
Total/NA	Prep	5035			21485	AT	EET ALB	02/26/25 09:26
Total/NA	Analysis	8021B		1	21481	AT	EET ALB	02/26/25 16:39
Total/NA	Prep	SHAKE			21484	MI	EET ALB	02/26/25 09:23
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 15:36
Total/NA	Prep	300_Prep			21486	DL	EET ALB	02/26/25 10:07
Total/NA	Analysis	300.0		20	21491	RC	EET ALB	02/26/25 13:58

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum
Job ID: 885-20459-1
Project/Site: Federal H #1

Laboratory: Eurofins Albuquerque

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

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

Chain-of-Custody Record

Client: Ensolum, LLC

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

Phone #:

email or Fax#: ksummers@ensolum.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☐ Standard ☑ Rush 100% Same Day

Project Name: Federal H-1

Project #: SEE NOTES

Project Manager: K. Summers

Sampler: L. Daniel

On Ice: ☐ Yes ☐ No

# of Coolers: 1 4oz

Cooler Temp(including CF): 3.9-0=3.9 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

885-20459 CO

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
2/25/25	9:30	S	S-1	1x4oz jar	Cool		X	X					X			
	9:40	S	S-2				X	X					X			
	9:50	S	S-3				X	X					X			
	10:00	S	S-4				X	X					X			
	10:10	S	S-5				X	X					2			
	10:20	S	S-6				X	X					X			
	10:30	S	S-7				X	X					X			
	10:40	S	S-8				X	X					X			
	10:50	S	S-9				X	X					X			
	11:00	S	S-10				X	X					X			
	11:10	S	S-11				X	X					X			
	11:20	S	S-12				X	X					1			

- per client jmc 2/26/25

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
2/25/25	15:44			courier	2/26/25	7:00
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks: Tom Long RB21200

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

Chain-of-Custody Record

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Client: Ensolum, LLC

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

Phone #:

email or Fax#: ksummers@ensolum.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: ☐ Standard ☒ Rush 100% Same Day

Project Name: Federal H-1

Project #: SEE NOTES

Project Manager: K. Summers

Sampler: L. Daniel

On Ice: ~~☐ Yes~~ ☐ No

# of Coolers: 1 409:

Cooler Temp(including CF): 3.9-0=3.9 (°C)

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / ~~MTBE~~ / ~~TMB~~'s (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
2/25/25	11:30	S	S-13	1x4oz jar	Cool		X	X					X			
2/25/25	11:40	S	S-14	1x4oz jar	Cool		X	X					X			

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
2/25/25	15:44			courier	2/26/25	7:00
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks: Tom Long RB21200

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

Chain-of-Custody Record

Client:

Mailing Address

Phone #:

email or Fax#:

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

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

Turn-Around Time
☐ Standard ☐ Rush

Project Name:

Project #

Project Manager:

Sampler

On Ice: ☐ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 3.9-0=3.9 (°C)

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

885-20459 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMBs (8021)	TPH 8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)

Date	Time	Relinquished by	Received by	Via	Date	Time
2/26	1241			courier	2/26/25	7:00
Date	Time	Relinquished by	Received by	Via	Date	Time

Remarks:

N79907

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

Chain-of-Custody Record

Client: [illegible]

Mailing Address: [illegible]

Phone #:

email or Fax#: [illegible]

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

Accreditation. ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time
☐ Standard ☒ Rush [illegible]

Project Name: [illegible] #1

Project #: "FE NOTE"

Project Manager: [illegible]

Sampler: [illegible]

On Ice: ☐ Yes ☐ No

# of Coolers:

Cooler Temp(including CF): (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH 8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		X	X					X			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		X	X					X			

Date	Time	Relinquished by	Received by	Via	Date	Time
[illegible]	[illegible]	[illegible]				
Date	Time	Relinquished by	Received by	Via	Date	Time

Remarks: [illegible]

N79907

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

Login Sample Receipt Checklist

Client: Ensolum Job Number: 885-20459-1

Login Number: 20459 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/28/2025 9:38:39 PM

JOB DESCRIPTION

Federal H #1

JOB NUMBER

885-23712-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

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

Authorization

Generated
4/28/2025 9:38:39 PM

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

Client: Ensolum
Project/Site: Federal H #1

Laboratory Job ID: 885-23712-1

Table of Contents

Definitions/Glossary

Client: Ensolum Job ID: 885-23712-1
Project/Site: Federal H #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: Federal H #1

Job ID: 885-23712-1

Job ID: 885-23712-1 Eurofins Albuquerque

Job Narrative
885-23712-1

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

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

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

Receipt
The sample was received on 4/24/2025 6:55 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.3°C.

Receipt Exceptions
The Field Sampler was not listed on the Chain of Custody.

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

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

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

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

Client Sample Results

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-23712-1

Client Sample ID: BF-1
Date Collected: 04/23/25 09:30
Date Received: 04/24/25 06:55

Lab Sample ID: 885-23712-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		5.0		mg/Kg		04/24/25 11:02	04/25/25 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*04/24/25 11:02*	*04/25/25 17:10*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/24/25 11:02	04/25/25 17:10	1
Ethylbenzene	ND		0.050		mg/Kg		04/24/25 11:02	04/25/25 17:10	1
Toluene	ND		0.050		mg/Kg		04/24/25 11:02	04/25/25 17:10	1
Xylenes, Total	ND		0.099		mg/Kg		04/24/25 11:02	04/25/25 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*48 - 145*	*04/24/25 11:02*	*04/25/25 17:10*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		04/25/25 10:51	04/25/25 17:53	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		04/25/25 10:51	04/25/25 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*108*		*62 - 134*	*04/25/25 10:51*	*04/25/25 17:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		61		mg/Kg		04/25/25 10:01	04/25/25 21:52	20

QC Sample Results

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-23712-1

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

Lab Sample ID: MB 885-24899/1-A
Matrix: Solid
Analysis Batch: 24979

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24899

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		5.0		mg/Kg		04/24/25 11:02	04/25/25 11:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*04/24/25 11:02*	*04/25/25 11:23*	*1*

Lab Sample ID: LCS 885-24899/2-A
Matrix: Solid
Analysis Batch: 24979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24899

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
GRO (C6-C10)			25.0	29.3		mg/Kg		117	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*228*		*35 - 166*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-24899/1-A
Matrix: Solid
Analysis Batch: 24980

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24899

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/24/25 11:02	04/25/25 11:23	1
Ethylbenzene	ND		0.050		mg/Kg		04/24/25 11:02	04/25/25 11:23	1
Toluene	ND		0.050		mg/Kg		04/24/25 11:02	04/25/25 11:23	1
Xylenes, Total	ND		0.10		mg/Kg		04/24/25 11:02	04/25/25 11:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*48 - 145*	*04/24/25 11:02*	*04/25/25 11:23*	*1*

Lab Sample ID: LCS 885-24899/3-A
Matrix: Solid
Analysis Batch: 24980

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24899

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	1.02		mg/Kg		102	70 - 130		
Ethylbenzene			1.00	1.02		mg/Kg		102	70 - 130		
Toluene			1.00	0.989		mg/Kg		99	70 - 130		
Xylenes, Total			3.00	3.03		mg/Kg		101	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*48 - 145*

QC Sample Results

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-23712-1

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

Lab Sample ID: MB 885-24997/1-A
Matrix: Solid
Analysis Batch: 24974

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24997

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		04/25/25 10:51	04/25/25 14:50	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		04/25/25 10:51	04/25/25 14:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*107*		*62 - 134*	*04/25/25 10:51*	*04/25/25 14:50*	*1*

Lab Sample ID: LCS 885-24997/2-A
Matrix: Solid
Analysis Batch: 24974

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24997

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	43.8		mg/Kg		88	51 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*109*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-24986/1-A
Matrix: Solid
Analysis Batch: 25010

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24986

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5		mg/Kg		04/25/25 10:01	04/25/25 13:13	1

Lab Sample ID: LCS 885-24986/3-A
Matrix: Solid
Analysis Batch: 25010

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24986

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			15.0	15.1		mg/Kg		101	90 - 110		

Lab Sample ID: LLCS 885-24986/2-A
Matrix: Solid
Analysis Batch: 25010

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24986

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			1.50	1.56		mg/Kg		104	50 - 150		

QC Association Summary

Client: Ensolum
Project/Site: Federal H #1

Job ID: 885-23712-1

GC VOA

Prep Batch: 24899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23712-1	BF-1	Total/NA	Solid	5030C	
MB 885-24899/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-24899/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-24899/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 24979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23712-1	BF-1	Total/NA	Solid	8015M/D	24899
MB 885-24899/1-A	Method Blank	Total/NA	Solid	8015M/D	24899
LCS 885-24899/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	24899

Analysis Batch: 24980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23712-1	BF-1	Total/NA	Solid	8021B	24899
MB 885-24899/1-A	Method Blank	Total/NA	Solid	8021B	24899
LCS 885-24899/3-A	Lab Control Sample	Total/NA	Solid	8021B	24899

GC Semi VOA

Analysis Batch: 24974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23712-1	BF-1	Total/NA	Solid	8015M/D	24997
MB 885-24997/1-A	Method Blank	Total/NA	Solid	8015M/D	24997
LCS 885-24997/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	24997

Prep Batch: 24997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23712-1	BF-1	Total/NA	Solid	SHAKE	
MB 885-24997/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-24997/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 24986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23712-1	BF-1	Total/NA	Solid	300_Prep	
MB 885-24986/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-24986/3-A	Lab Control Sample	Total/NA	Solid	300_Prep	
LLCS 885-24986/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 25010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-23712-1	BF-1	Total/NA	Solid	300.0	24986
MB 885-24986/1-A	Method Blank	Total/NA	Solid	300.0	24986
LCS 885-24986/3-A	Lab Control Sample	Total/NA	Solid	300.0	24986
LLCS 885-24986/2-A	Lab Control Sample	Total/NA	Solid	300.0	24986

Lab Chronicle

Client: Ensolum
Job ID: 885-23712-1
Project/Site: Federal H #1

Client Sample ID: BF-1
Lab Sample ID: 885-23712-1

Date Collected: 04/23/25 09:30
Matrix: Solid
Date Received: 04/24/25 06:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			24899	JE	EET ALB	04/24/25 11:02
Total/NA	Analysis	8015M/D		1	24979	AT	EET ALB	04/25/25 17:10
Total/NA	Prep	5030C			24899	JE	EET ALB	04/24/25 11:02
Total/NA	Analysis	8021B		1	24980	AT	EET ALB	04/25/25 17:10
Total/NA	Prep	SHAKE			24997	MI	EET ALB	04/25/25 10:51
Total/NA	Analysis	8015M/D		1	24974	MI	EET ALB	04/25/25 17:53
Total/NA	Prep	300_Prep			24986	DL	EET ALB	04/25/25 10:01
Total/NA	Analysis	300.0		20	25010	ES	EET ALB	04/25/25 21:52

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum
Job ID: 885-23712-1
Project/Site: Federal H #1

Laboratory: Eurofins Albuquerque

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

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

Chain-of-Custody Record

Client: Ensolum, LLC

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

Phone #:

email or Fax#: ksummers@ensolum.com

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: (3 day)
☒ Standard ☐ Rush

Project Name: Federal H #1

Project #: SEE NOTES

Project Manager: K. Summers

Sampler:

On Ice: ☒ Yes ☐ No mojd

# of Coolers: 1

Cooler Temp(including CF): 3.1+0.2=3.3 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORA

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

885-23712 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / ~~MTBE / TMBs~~ (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
4/23/25	9:30	S	BF-1	1402 jar	Cool		X	X					X			

Date	Time	Relinquished by	Received by	Via	Date	Time
4/23/25	11:04				4/23/25	1104
4/23/25	1830			courier	4/24/25	0855

Remarks:
PM Tom Long
RB21200
N79907
3 day

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

Login Sample Receipt Checklist

Client: Ensolum Job Number: 885-23712-1

Login Number: 23712 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 463563
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2505148986**
Incident Name	**NAPP2505148986 FEDERAL H#1 @ 0**
Incident Type	**Natural Gas Release**
Incident Status	**Remediation Closure Report Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Federal H#1
Date Release Discovered	02/20/2025
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Corrosion | Pipeline (Any) | Condensate | Released: 5 BBL | Recovered: 0 BBL | Lost: 5 BBL.
Natural Gas Vented (Mcf) Details	Cause: Corrosion | Pipeline (Any) | Natural Gas Vented | Released: 2 MCF | Recovered: 0 MCF | Lost: 2 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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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 463563
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**Yes, according to supplied volumes this will be treated as a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	None
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 02/26/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 463563
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
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 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Zero feet, overlying, or within area
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	81
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	41
GRO+DRO (EPA SW-846 Method 8015M)	41
BTEX (EPA SW-846 Method 8021B or 8260B)	0.1
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	02/20/2025
On what date will (or did) the final sampling or liner inspection occur	02/25/2025
On what date will (or was) the remediation complete(d)	02/25/2025
What is the estimated surface area (in square feet) that will be reclaimed	700
What is the estimated volume (in cubic yards) that will be reclaimed	684
What is the estimated surface area (in square feet) that will be remediated	700
What is the estimated volume (in cubic yards) that will be remediated	684
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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General Information
Phone: (505) 629-6116

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

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 463563
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	ENVIROTECH LANDFARM #1 [fEEM0112334691]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 05/15/2025
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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	Action Number: 463563
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 463563
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**453688**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**04/23/2025**
What was the (estimated) number of samples that were to be gathered	**1**
What was the sampling surface area in square feet	**200**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	700
What was the total volume (cubic yards) remediated	684
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	700
What was the total volume (in cubic yards) reclaimed	684
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: 05/15/2025

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QUESTIONS (continued)

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	Action Number: 463563
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 463563

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 463563
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2505148986 FEDERAL H #1, thank you. This Remediation Closure Report is approved.	6/11/2025