ENSOLUM

CLOSURE REPORT

Property:

Valencia Canyon 45A
Unit Letter I, S34 T28N R4W
Rio Arriba County, New Mexico

New Mexico EMNRD OCD Incident ID No. NAPP2521837098

October 29, 2025

Ensolum Project No. 05A1226385

Prepared for:

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

Prepared by:

Chad D'Aponti
Project Scientist

Kyle Summers
Senior Managing Geologist

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LIST OF APPENDICES

1.0 INTRODUCTION

1.1 Site Description & Background

Operator:	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)
Site Name:	Valencia Canyon 45A (Site) (previously thought to be 45B)
NM EMNRD OCD Incident ID No.	NAPP2521837098
Location:	36.615660° North, -107.230086° West Unit Letter I, Section 34, Township 28 North, Range 04 West Rio Arriba County, New Mexico
Property:	US Forest Service
Regulatory:	New Mexico (NM) Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

On July 24, 2025, a potential release of natural gas was identified from the Valencia Canyon 45A pipeline. Enterprise subsequently isolated and locked the pipeline out of service. On August 4, 2025, Enterprise initiated activities to remediate potential petroleum hydrocarbon impact. On August 6, 2025, 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**.

- One POD was identified in an adjacent PLSS section (**Figure A**, **Appendix B**). SJ02385 is located approximately 1.5 miles to the north in Valencia Canyon at a lower elevation. The recorded depth to water for this well is 85 feet below grade surface (bgs). The other two PODs identified on Figure A are surface water diversions.

- No cathodic protection wells (CPWs) with recorded depths to water were identified in the NM EMNRD OCD imaging database within one mile of the Site (**Figure B**, **Appendix B**).

- The Site is located within 300 feet of a NM EMNRD OCD-defined continuously flowing watercourse or significant watercourse (**Figure C**, **Appendix B**). A "blue line" ephemeral wash is located approximately 52 feet north of the Site.

- The Site is not located within 200 feet of a lakebed, sinkhole, or playa lake.

- The Site is not located within 300 feet of a permanent residence, school, hospital, institution, or church (**Figure D**, **Appendix B**).

- No springs, or private domestic freshwater wells used by less than five households for domestic or stock watering purposes were identified within 500 feet of the Site (**Figure E**, **Appendix B**).

- No freshwater wells or springs were identified within 1,000 feet of the Site (**Figure E**, **Appendix B**).

- The Site is not located within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to New Mexico Statutes Annotated (NMSA) 1978, Section 3-27-3.

- Based on information identified in the U.S. Fish & Wildlife Service National Wetlands Inventory Wetlands Mapper, the Site is not within 300 feet of a wetland (**Figure F**, **Appendix B**). A riverine wetland is located approximately 100 feet north of the Site. However, this riverine bears the "J" designation (intermittently flooded) that is generally not considered a wetland in this region.

- 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**).

Due to the proximity of a "blue-line" ephemeral wash, the Site is assigned 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 August 4, 2025, Enterprise initiated activities to remediate potential 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 21 feet by 17 feet at the maximum extents, with a maximum depth of approximately 16 feet bgs. The total surface expression of the excavation was approximately 360 ft^2. The lithology encountered during the completion of remediation activities consisted primarily of unconsolidated silty sandy clay.

Approximately 290 cubic yards (yd^3) of petroleum hydrocarbon-affected soils and 125 barrels (bbls) of hydro-excavation soil cuttings and water were transported to the Envirotech, Inc. (Envirotech) landfarm in San Juan County, NM for disposal/remediation. The executed C-138 solid waste acceptance form is provided in **Appendix C**. The excavation was backfilled with imported fill and then contoured to the surrounding grade.

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

4.0 SOIL SAMPLING PROGRAM

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

Ensolum's soil sampling program included the collection of 10 composite soil samples (S-1 through S-10) 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**.

Sampling Event

On August 11, 2025, sampling was performed at the Site. The NM EMNRD OCD was notified of the sampling event although no representative was present during sampling activities. Composite soil samples S-1 (16'), and S-2 (16'), were collected from the floor of the excavation. Composite soil samples S-3 (0' to 16'), S-4 (0' to 16'), S-5 (0' to 16'), S-6 (0' to 16'), S-7 (0' to 16'), S-8 (0' to 16'), S-9 (0' to 16'), and S-10 (0' to 16'), were collected from the walls of the excavation. 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-10, 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-1 and S-2 indicate total BTEX concentrations ranging from 0.22 mg/kg (S-2) to 0.55 mg/kg (S-1), which are less than the NMAC closure criteria of 50 mg/kg. The laboratory analytical results for the other composite soil samples collected from soils remaining at the Site indicate total BTEX is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 50 mg/kg.

- The laboratory analytical results for the composite soil samples collected from soils remaining at the Site indicate that total combined TPH GRO/DRO/MRO concentrations are less than the laboratory PQLs / RLs, which are less than the NM EMNRD OCD closure criteria of 100 mg/kg.

- The laboratory analytical result for composite soil sample BF-1 indicates a chloride concentration of 120 mg/kg which is less than the NM EMNRD OCD closure criteria of 600 mg/kg. Analytical results for the other confirmation soil samples collected from soils remaining at the Site indicate chloride is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 600 mg/kg.

7.0 RECLAMATION

At the time of this report, the permanent pipeline repairs have not been completed at the Site and the excavation is still open. The stockpiled backfill and the upper four feet of the excavation have been analytically verified to be below the Tier I soil standards of 50 mg/kg BTEX, 10 mg/kg benzene, 100 mg/kg total combined TPH, and 600 mg/kg Chloride. See **APPENDIX D** and **APPENDIX F** for further documentation.

8.0 REVEGETATION

Revegetation will be addressed in accordance with 19.15.29.13 NMAC utilizing the recommended seed mix as described in the Vegetation Community Descriptions and Seed Mixes provided by

the BLM Farmington Field Office. In this case the surrounding vegetation is predominantly of the Oak Woodland/Pinyon-Juniper Vegetation Communities. Enterprise will reseed the area with the appropriate seed mix during the next favorable growing season. Enterprise will provide revegetation documentation under separate cover.

9.0 FINDINGS AND RECOMMENDATION

- Eleven 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 290 cubic yards (yd^3) of petroleum hydrocarbon-affected soils and 125 bbls of hydro-excavation soil cuttings and water were transported to the Envirotech landfarm for disposal/remediation.

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

10.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

10.1 Standard of Care

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

10.2 Limitations

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

10.3 Reliance

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

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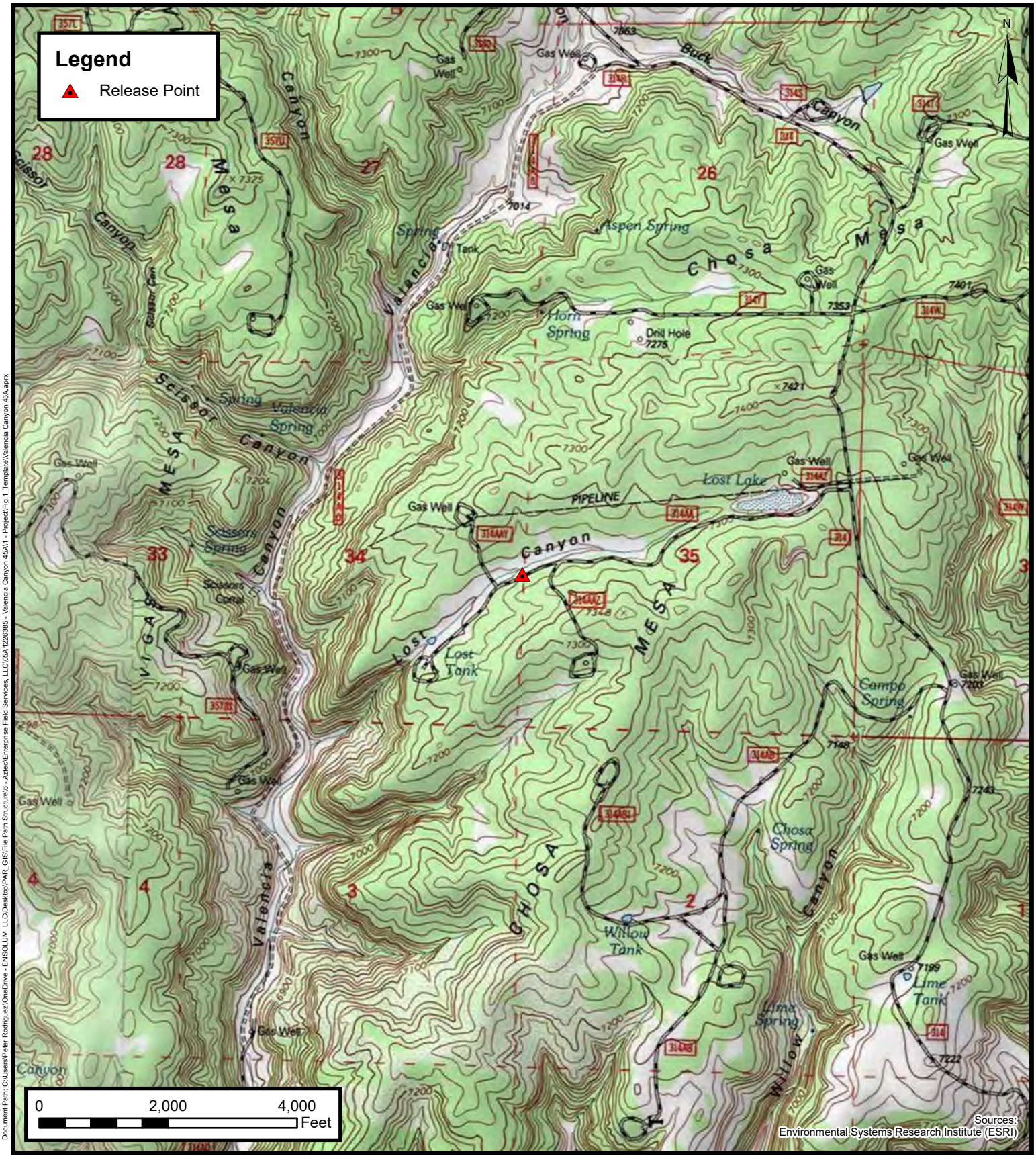
APPENDIX A

Figures



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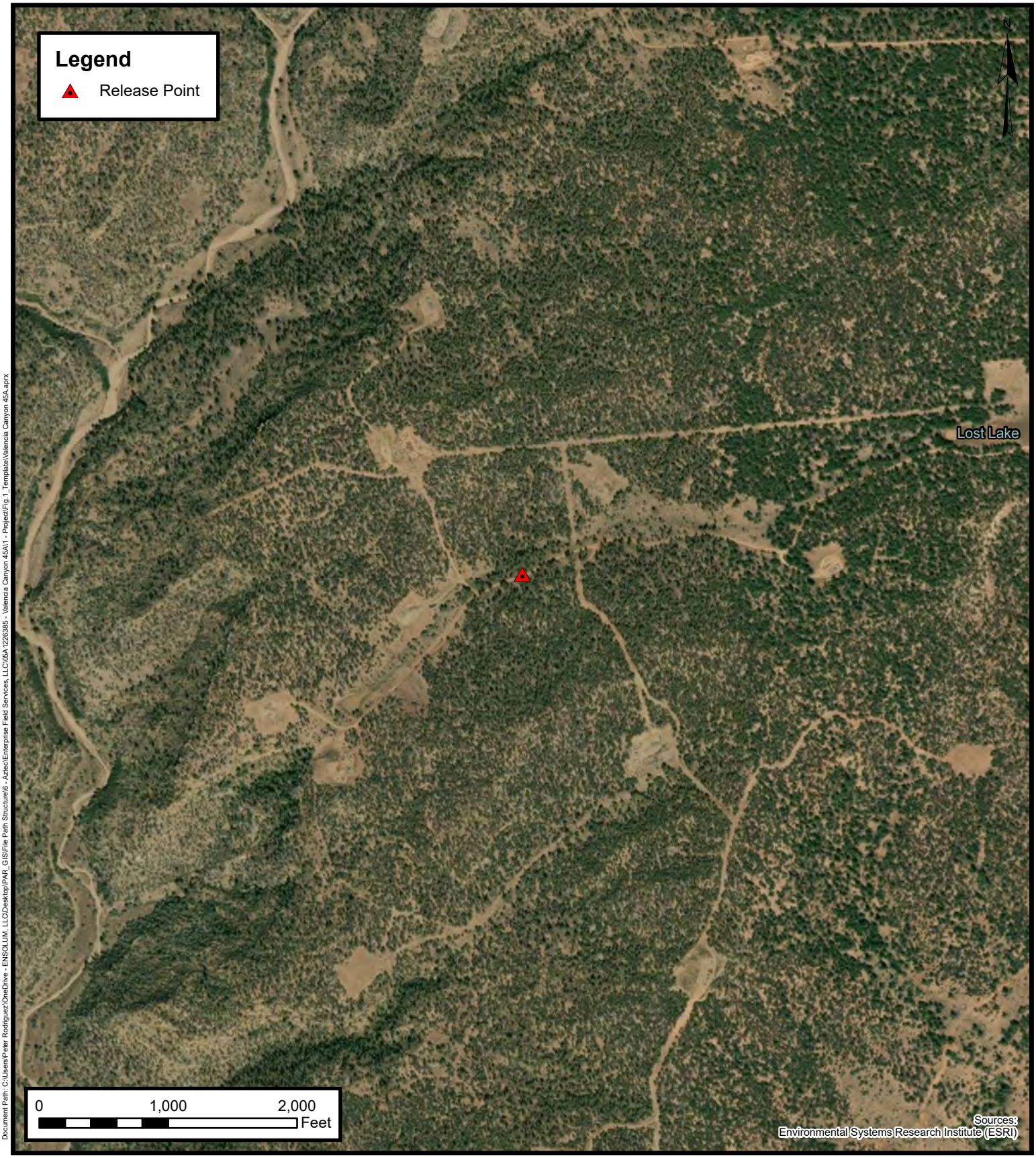
Environmental, Engineering and Hydrogeologic Consultants

Topographic Map

Enterprise Field Services, LLC
Valencia Canyon 45A
Project Number: 05A1226385
Unit Letter I, S34, T28N, R04W, Rio Arriba County, New Mexico
36.61566, -107.230086

FIGURE
1



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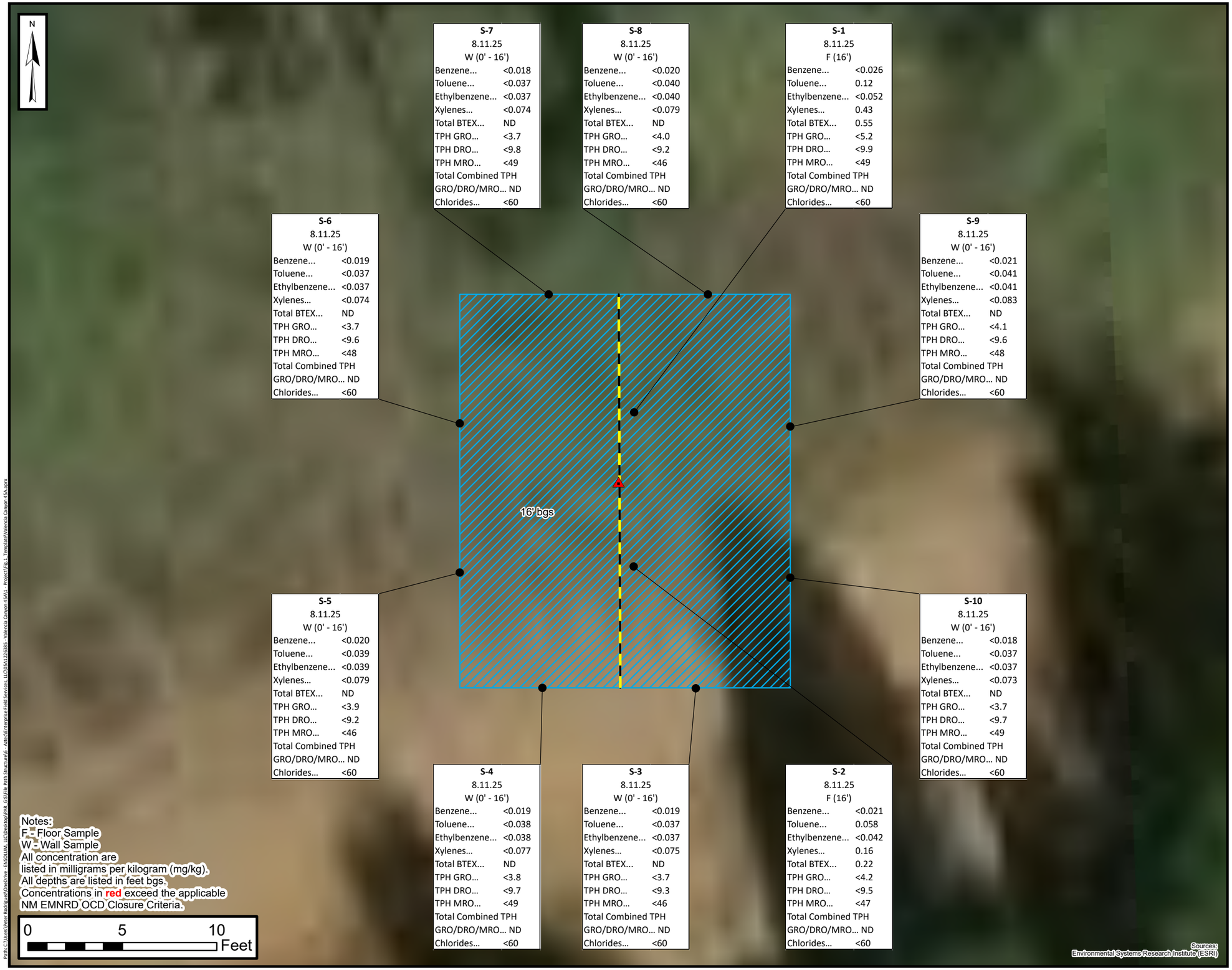
Environmental, Engineering and Hydrogeologic Consultants

Site Vicinity Map

Enterprise Field Services, LLC
Valencia Canyon 45A
Project Number: 05A1226385
Unit Letter I, S34, T28N, R04W, Rio Arriba County, New Mexico
36.61566, -107.230086

FIGURE
2



LEGEND

- Point of Release
- Composite Soil Sample Location
- Valencia Canyon 45A Pipeline
- Excavation Extent

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Site Map with Soil Analytical Results

Enterprise Field Services, LLC
Valencia Canyon 45A
Unit Letter N, S34, T28N, R04W
Rio Arriba County, New Mexico
36.61566, -107.230086

Figure 3

Project Number: 05A1226385

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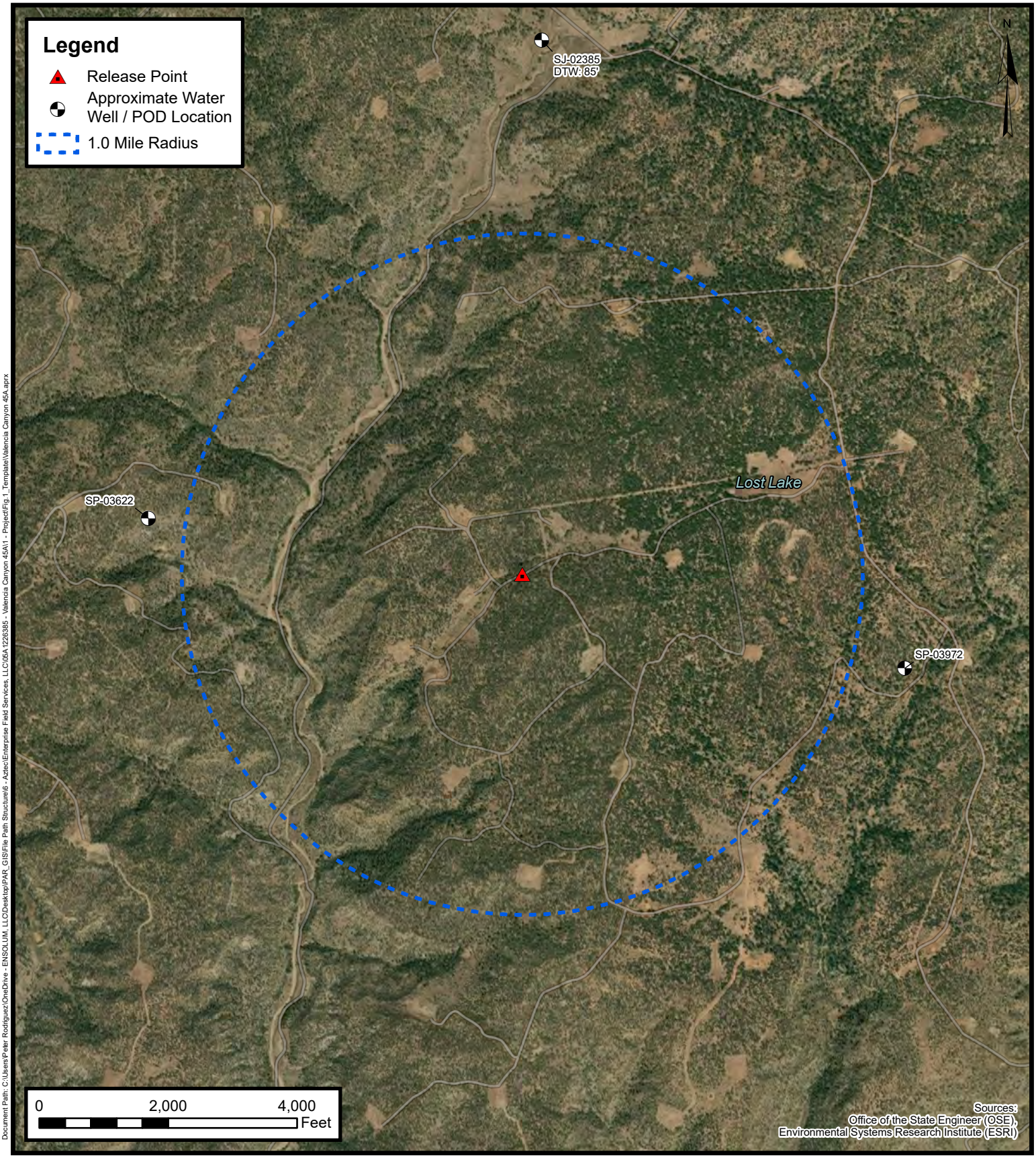
APPENDIX B

Siting Figures and Documentation



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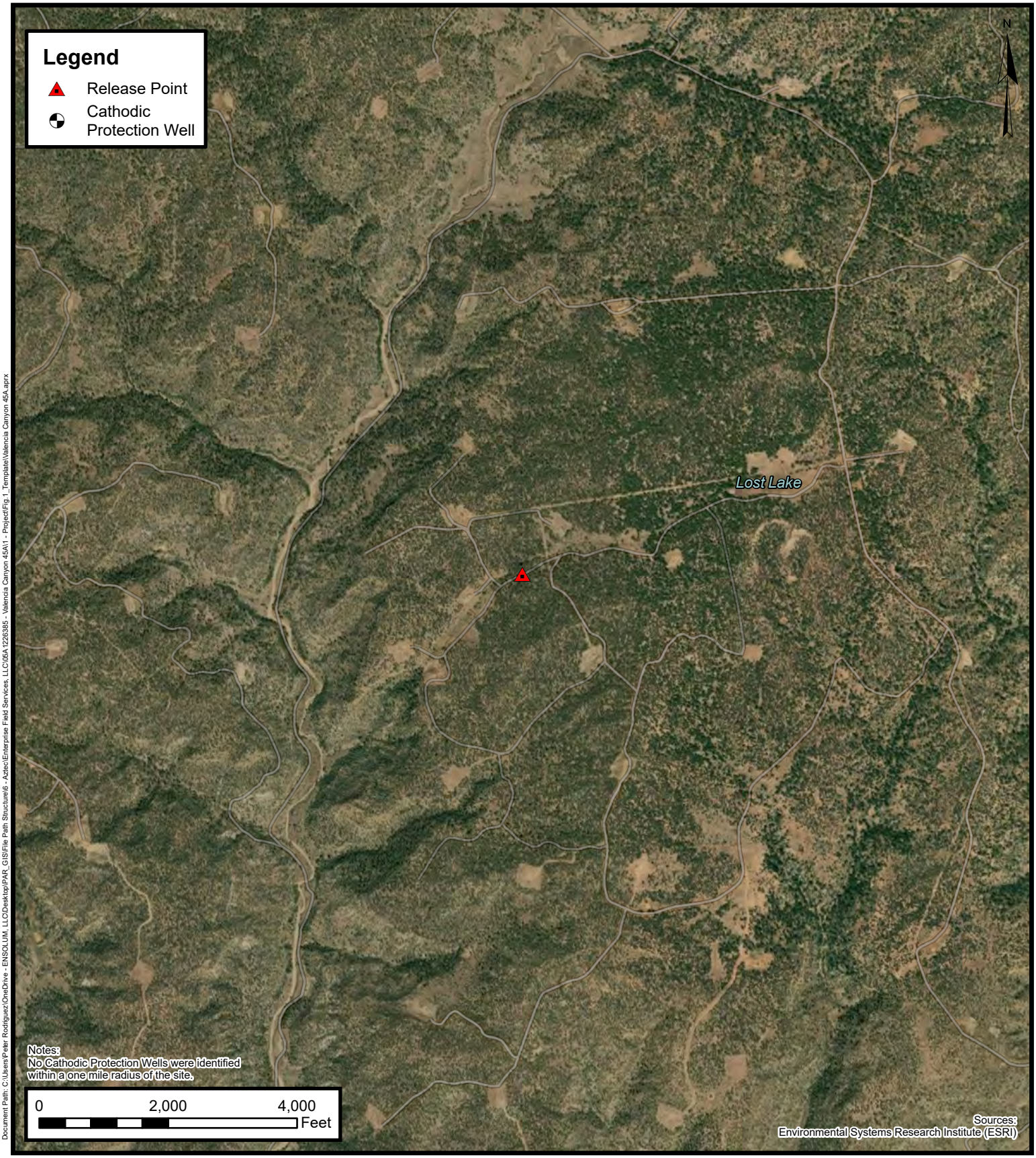
1.0 Mile Radius Water Well / POD Location Map

Enterprise Field Services, LLC
Valencia Canyon 45A
Project Number: 05A1226385
Unit Letter I, S34, T28N, R04W, Rio Arriba County, New Mexico
36.61566, -107.230086

FIGURE

A



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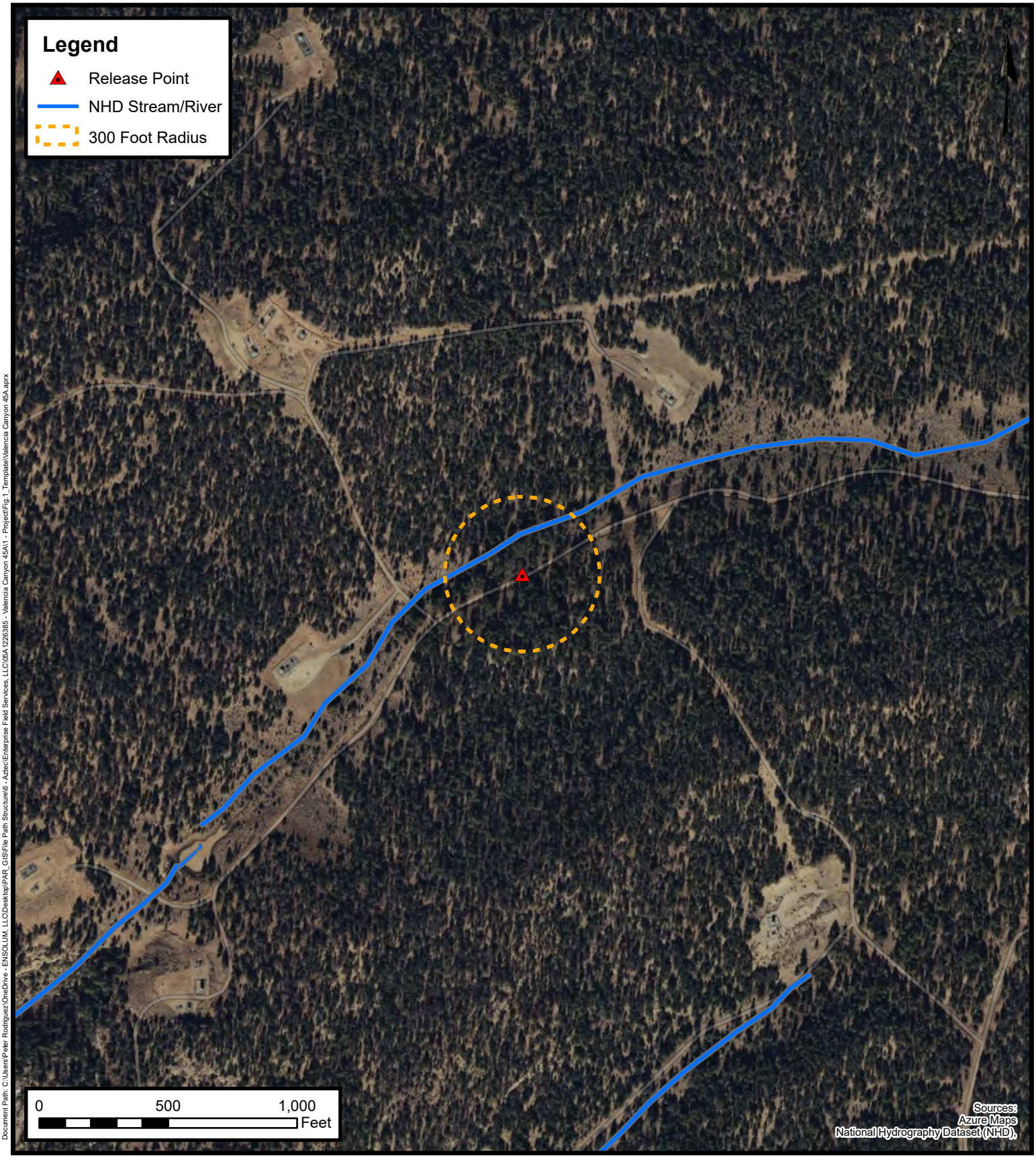
Nearest Cathodic Protection Well with Recorded Depth to Water

Enterprise Field Services, LLC
Valencia Canyon 45A
Project Number: 05A1226385
Unit Letter I, S34, T28N, R04W, Rio Arriba County, New Mexico
36.61566, -107.230086

FIGURE

B



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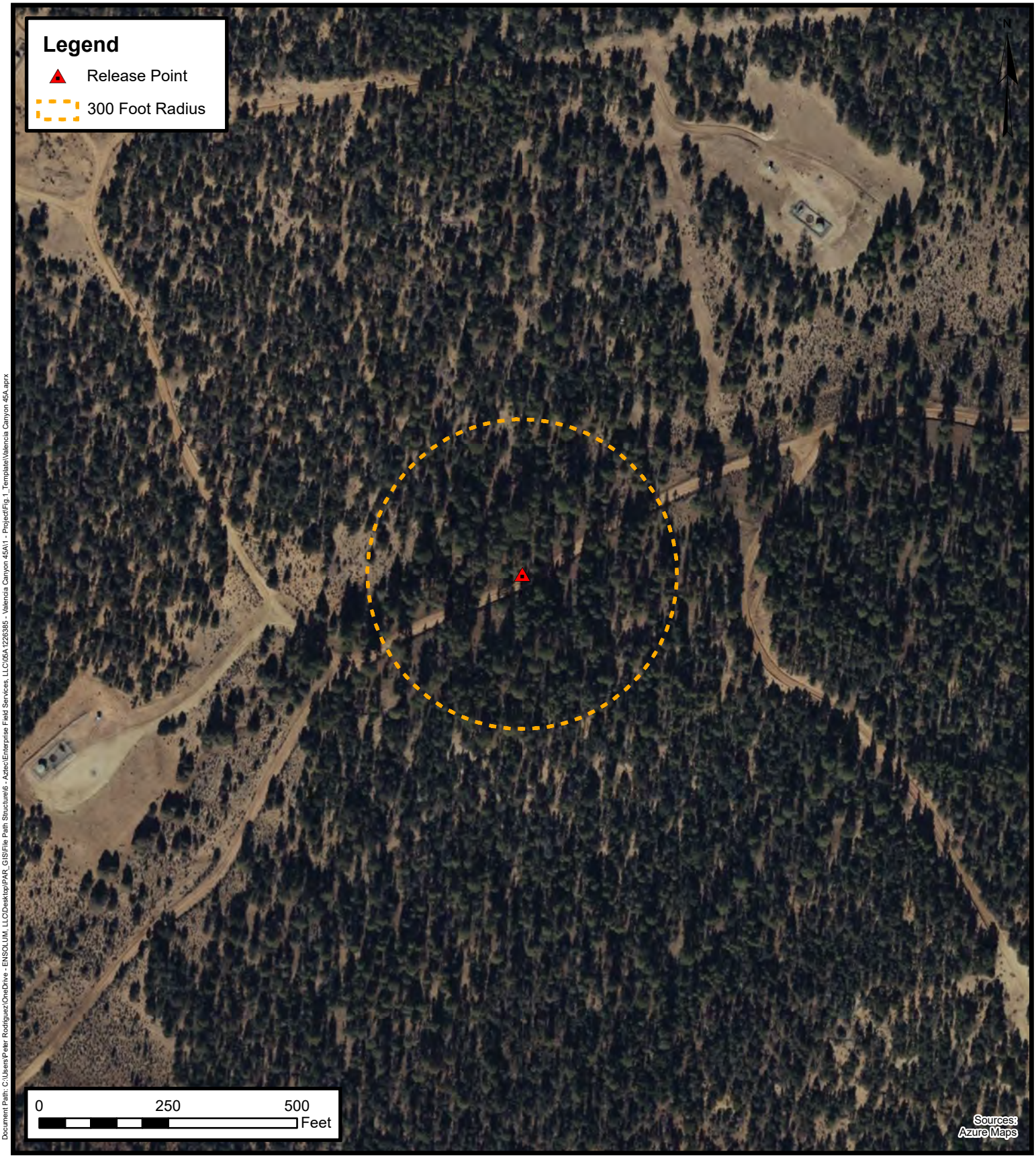
300 Foot Radius Watercourse and Drainage Identification

Enterprise Field Services, LLC
Valencia Canyon 45A
Project Number: 05A1226385
Unit Letter I, S34, T28N, R04W, Rio Arriba County, New Mexico
36.61566, -107.230086

FIGURE

C



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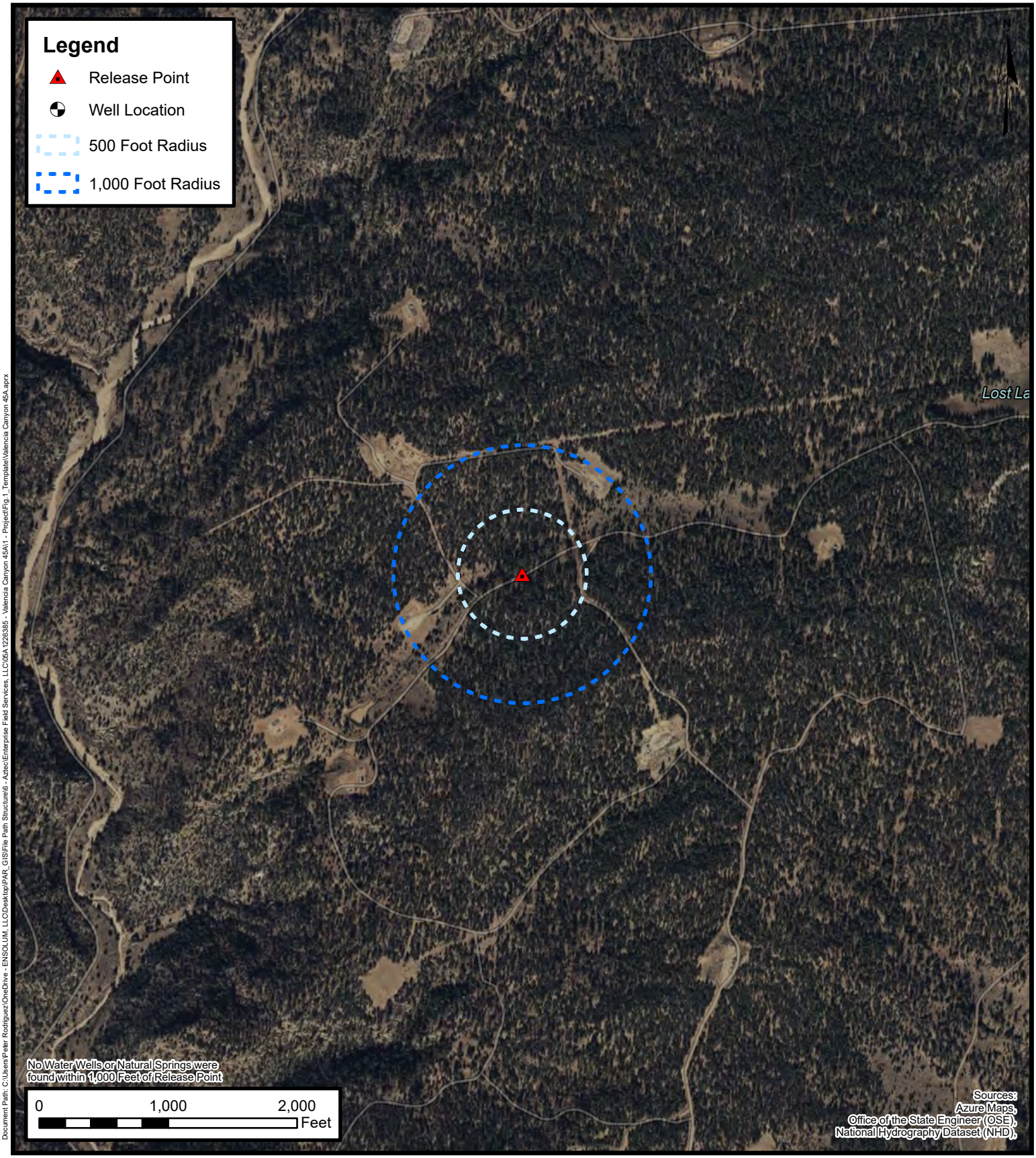
300 Foot Radius Occupied Structure Identification

Enterprise Field Services, LLC
Valencia Canyon 45A
Project Number: 05A1226385
Unit Letter I, S34, T28N, R04W, Rio Arriba County, New Mexico
36.61566, -107.230086

FIGURE

D



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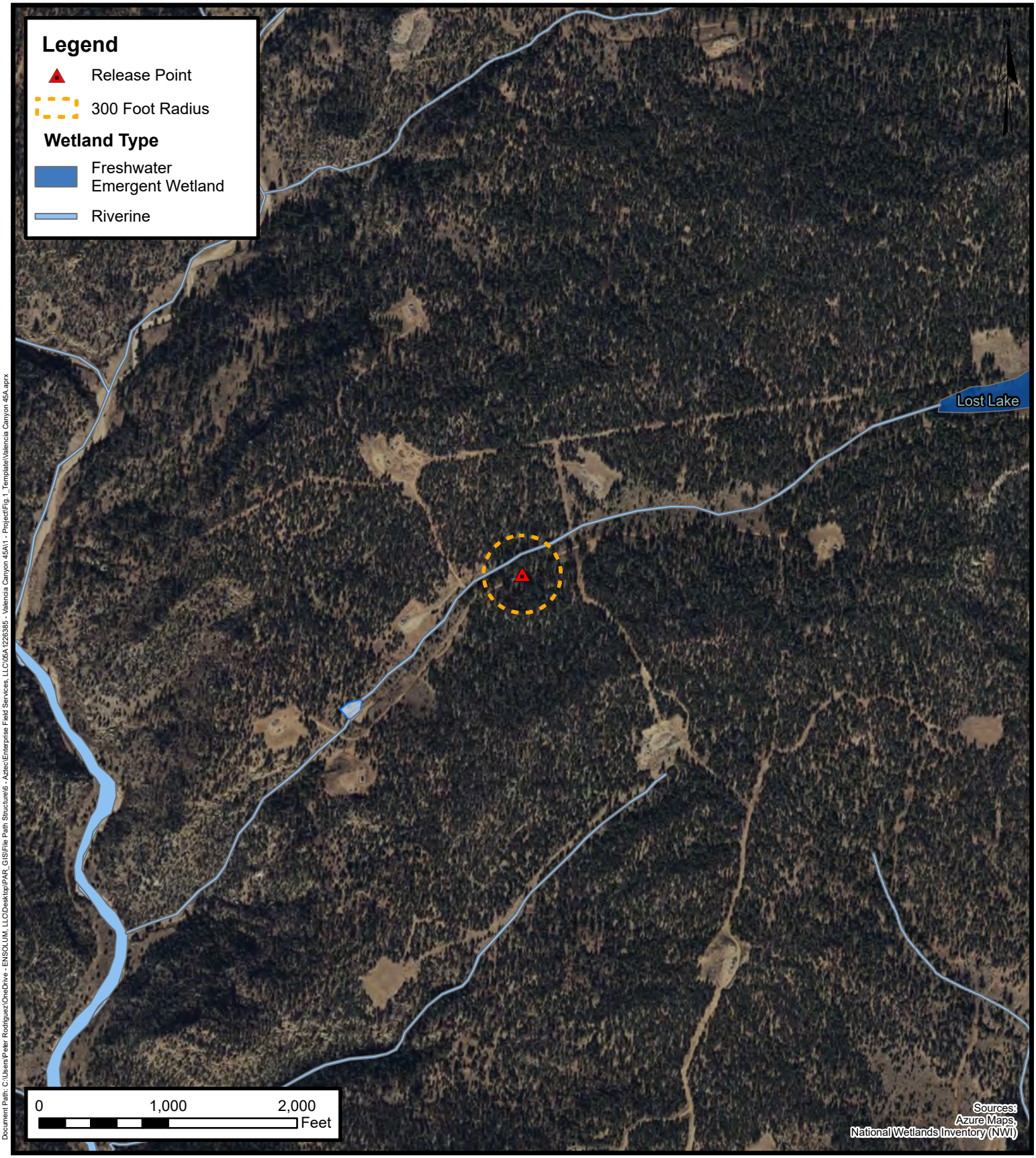
Water Well and Natural Spring Location

Enterprise Field Services, LLC
Valencia Canyon 45A
Project Number: 05A1226385
Unit Letter I, S34, T28N, R04W, Rio Arriba County, New Mexico
36.61566, -107.230086

FIGURE
E



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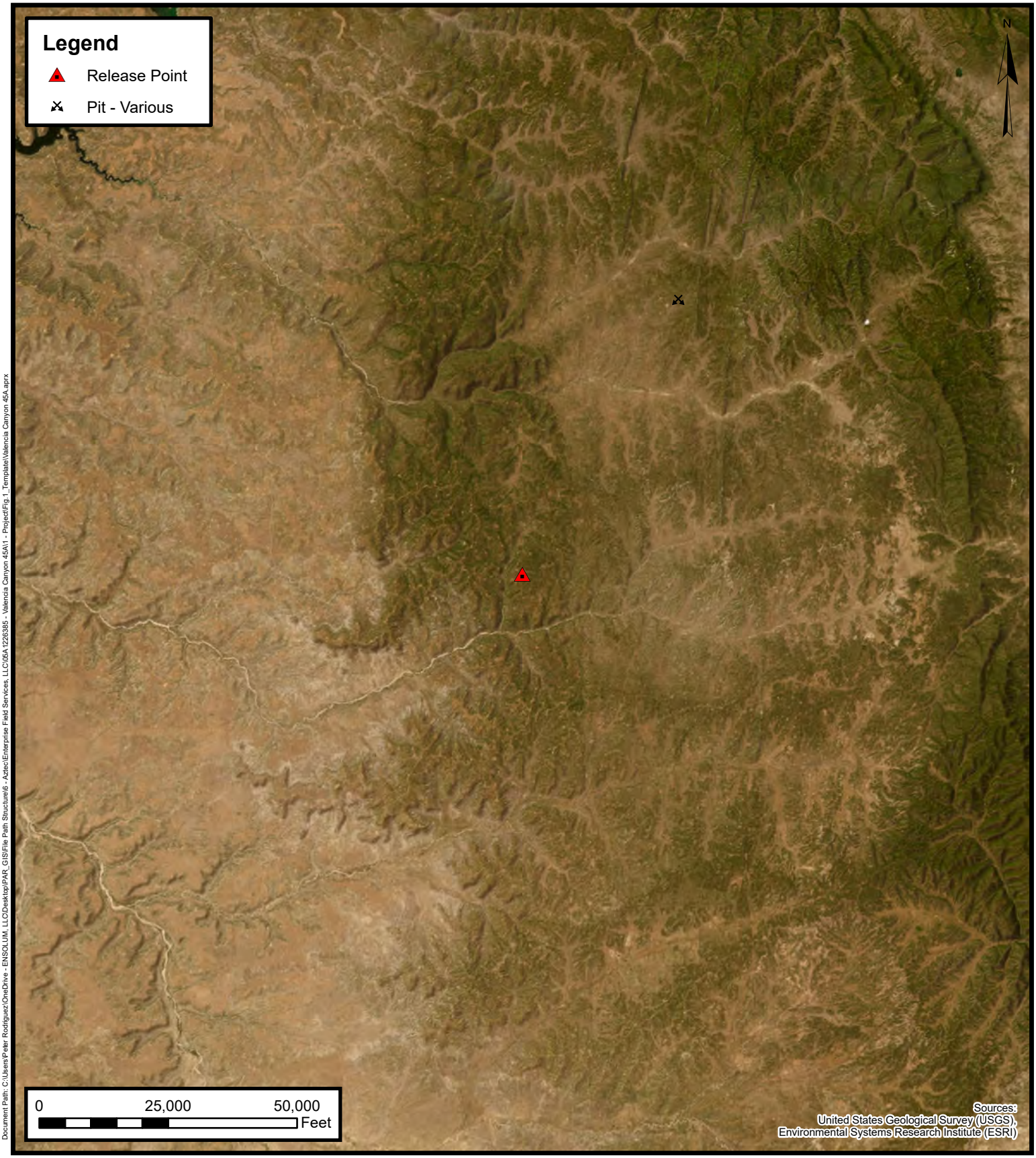
Wetlands

Enterprise Field Services, LLC
Valencia Canyon 45A
Project Number: 05A1226385
Unit Letter I, S34, T28N, R04W, Rio Arriba County, New Mexico
36.61566, -107.230086

FIGURE
F



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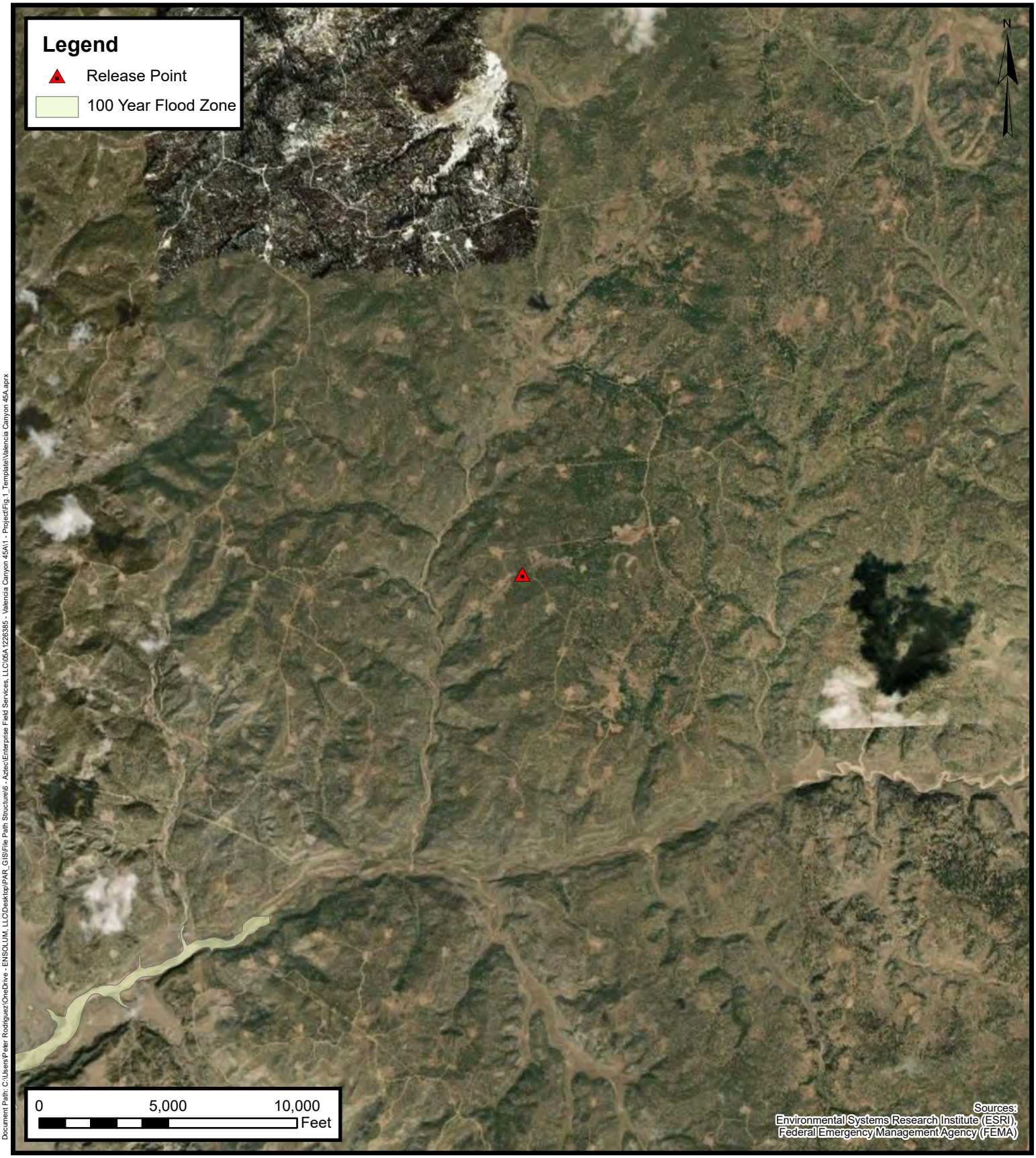
Mines, Mills, and Quarries

Enterprise Field Services, LLC
Valencia Canyon 45A
Project Number: 05A1226385
Unit Letter I, S34, T28N, R04W, Rio Arriba County, New Mexico
36.61566, -107.230086

FIGURE
G



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100-Year Flood Plain Map

Enterprise Field Services, LLC
Valencia Canyon 45A
Project Number: 05A1226385
Unit Letter I, S34, T28N, R04W, Rio Arriba County, New Mexico
36.61566, -107.230086

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 02385		SJ	RA	NW	NW	NW	26	28N	04W	300818.0	4057064.0 *		160	85	75

Average Depth to Water: **85 feet**

Minimum Depth: **85 feet**

Maximum Depth: **85 feet**

Record Count: 1

Basin/County Search:
Basin: SJ
County: RA

PLSS Search:
Range: 04W
Township: 28N
Section: 26,27,28,33,34,35

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

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

No report data available.

Basin/County Search:
Basin: SJ
County: RA

PLSS Search:
Range: 04W
Township: 27N
Section: 2,3,4

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

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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: Maorn O'Brien
AFE: Pending

2. Originating Site:
Valencia Canyon #45B

3. Location of Material (Street Address, City, State or ULSTR):
UL I Section 34 T28N R4W; 36.615660, -107.230086

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) 290/125 yd^3 / bbls

5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS

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

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

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

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

GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS

I, Thomas Long 7-25-2025, representative for Enterprise Products Operating authorizes Envirotech, Inc. to complete
Generator Signature
the required testing/sign the Generator Waste Testing Certification.

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

5. Transporter: Riley Industrial and Other Enterprise Contractors.

OCD Permitted Surface Waste Management Facility

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

Waste Acceptance Status:

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

PRINT NAME: Greg Crabtree TITLE: Enviro Manager DATE: 7/25/25
SIGNATURE: _____ TELEPHONE NO.: 505-632-0615
Surface Waste Management Facility Authorized Agent

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APPENDIX D

Photographic Documentation

SITE PHOTOGRAPHS

Enterprise Field Services, LLC
Closure Report
Valencia Canyon 45A Pipeline Release
Ensolum Project No. 05A1226385

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Photograph 1 Photograph Description: View of the initial excavation.	
Photograph 2 Photograph Description: View of the in process excavation activities.	
Photograph 3 Photograph Description: View of the in process excavation activities.	

SITE PHOTOGRAPHS

Enterprise Field Services, LLC
Closure Report
Valencia Canyon 45A Pipeline Release
Ensolum Project No. 05A1226385

ENSOLUM

Photograph 4 Photograph Description: View of the final excavation.	
Photograph 5 Photograph Description: View of the final excavation.	

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APPENDIX E

Regulatory Correspondence

From: Long, Thomas
To: Kyle Summers; Christian, Fletcher
Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 493189
Date: Thursday, August 7, 2025 10:02:30 AM

[**EXTERNAL EMAIL**]

Valencia Canyon #45B

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

Enterprise Products

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Thursday, August 7, 2025 9:56 AM
To: Long, Thomas <tjlong@eprod.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 493189

[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#) nAPP2521837098.

The sampling event is expected to take place:

When: 08/11/2025 @ 11:00
Where: I-34-28N-04W 0 FNL 0 FEL (36.61566,-107.230086)

Additional Information: Ensolum, LLC

Additional Instructions: 36.61566,-107.230086

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

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

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

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

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

ENSOLUM

APPENDIX F

Table 1 – Soil Analytical Summary

ENSOLUM

TABLE 1
Valencia Canyon 45A
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	8.11.25	C	16	<0.026	<0.052	0.12	0.43	0.55	<5.2	<9.9	<49	ND	<60
S-2	8.11.25	C	16	<0.021	<0.042	0.058	0.16	0.22	<4.2	<9.5	<47	ND	<60
S-3	8.11.25	C	0 to 16	<0.019	<0.037	<0.037	<0.075	ND	<3.7	<9.3	<46	ND	<60
S-4	8.11.25	C	0 to 16	<0.019	<0.038	<0.038	<0.077	ND	<3.8	<9.7	<49	ND	<60
S-5	8.11.25	C	0 to 16	<0.020	<0.039	<0.039	<0.079	ND	<3.9	<9.2	<46	ND	<60
S-6	8.11.25	C	0 to 16	<0.019	<0.037	<0.037	<0.074	ND	<3.7	<9.6	<48	ND	<60
S-7	8.11.25	C	0 to 16	<0.018	<0.037	<0.037	<0.074	ND	<3.7	<9.8	<49	ND	<60
S-8	8.11.25	C	0 to 16	<0.020	<0.040	<0.040	<0.079	ND	<4.0	<9.2	<46	ND	<60
S-9	8.11.25	C	0 to 16	<0.021	<0.041	<0.041	<0.083	ND	<4.1	<9.6	<48	ND	<60
S-10	8.11.25	C	0 to 16	<0.018	<0.037	<0.037	<0.073	ND	<3.7	<9.7	<49	ND	<60
Backfill Composite Soil Sample													
BF-1	8.11.25	C	Backfill	<0.020	<0.039	<0.039	<0.079	ND	<3.9	<9.7	<48	ND	120

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

[1] = Total combined concentrations are rounded to two (2) or three (3) significant figures (depending on which laboratory was used) to match the laboratory resolution of the individual constituents.

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

NE = Not established

mg/kg = milligrams per kilogram

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes

TPH = Total Petroleum Hydrocarbons

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

MRO = Motor Oil/Lube Oil Range Organics

BF = Backfill sample

ENSOLUM

APPENDIX G

Laboratory Data Sheets & Chain of Custody Documentation

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/13/2025 4:20:57 PM

JOB DESCRIPTION

Valencia Canyon 45A

JOB NUMBER

885-30713-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

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

Authorization

Generated
8/13/2025 4:20:57 PM

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

Client: Ensolum
Project/Site: Valencia Canyon 45A

Laboratory Job ID: 885-30713-1

Table of Contents

Definitions/Glossary

Client: Ensolum Job ID: 885-30713-1
Project/Site: Valencia Canyon 45A

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: Valencia Canyon 45A

Job ID: 885-30713-1

Job ID: 885-30713-1 Eurofins Albuquerque

Job Narrative
885-30713-1

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

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

Receipt
The samples were received on 8/12/2025 7:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.9°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
Method 8015D_DRO: Surrogate recovery for the following sample is outside the upper control limit: (CCV 885-32065/24). Samples associated with CCV have surrogate within range. Therefore data is reported.

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

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

Client Sample Results

Client: Ensolum
Job ID: 885-30713-1
Project/Site: Valencia Canyon 45A

Client Sample ID: S-1
Lab Sample ID: 885-30713-1
Date Collected: 08/11/25 11:00
Matrix: Solid
Date Received: 08/12/25 07:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.2		mg/Kg		08/12/25 09:04	08/12/25 10:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*	*08/12/25 09:04*	*08/12/25 10:58*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.026		mg/Kg		08/12/25 09:04	08/12/25 10:58	1
Ethylbenzene	ND		0.052		mg/Kg		08/12/25 09:04	08/12/25 10:58	1
Toluene	**0.12**		0.052		mg/Kg		08/12/25 09:04	08/12/25 10:58	1
Xylenes, Total	**0.43**		0.10		mg/Kg		08/12/25 09:04	08/12/25 10:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*08/12/25 09:04*	*08/12/25 10:58*	*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		08/12/25 09:12	08/12/25 12:26	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/12/25 09:12	08/12/25 12:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*112*		*62 - 134*	*08/12/25 09:12*	*08/12/25 12:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/12/25 10:26	08/12/25 13:27	20

Client Sample Results

Client: Ensolum
Job ID: 885-30713-1
Project/Site: Valencia Canyon 45A

Client Sample ID: S-2
Lab Sample ID: 885-30713-2
Date Collected: 08/11/25 11:05
Matrix: Solid
Date Received: 08/12/25 07:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.2		mg/Kg		08/12/25 09:04	08/12/25 11:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*08/12/25 09:04*	*08/12/25 11:21*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021		mg/Kg		08/12/25 09:04	08/12/25 11:21	1
Ethylbenzene	ND		0.042		mg/Kg		08/12/25 09:04	08/12/25 11:21	1
Toluene	**0.058**		0.042		mg/Kg		08/12/25 09:04	08/12/25 11:21	1
Xylenes, Total	**0.16**		0.085		mg/Kg		08/12/25 09:04	08/12/25 11:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*15 - 150*	*08/12/25 09:04*	*08/12/25 11:21*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		08/12/25 09:12	08/12/25 12:58	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/12/25 09:12	08/12/25 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*102*		*62 - 134*	*08/12/25 09:12*	*08/12/25 12:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/12/25 10:26	08/12/25 13:41	20

Client Sample Results

Client: Ensolum
Job ID: 885-30713-1
Project/Site: Valencia Canyon 45A

Client Sample ID: S-3
Lab Sample ID: 885-30713-3
Date Collected: 08/11/25 11:10
Matrix: Solid
Date Received: 08/12/25 07:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.7		mg/Kg		08/12/25 09:04	08/12/25 11:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*08/12/25 09:04*	*08/12/25 11:45*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019		mg/Kg		08/12/25 09:04	08/12/25 11:45	1
Ethylbenzene	ND		0.037		mg/Kg		08/12/25 09:04	08/12/25 11:45	1
Toluene	ND		0.037		mg/Kg		08/12/25 09:04	08/12/25 11:45	1
Xylenes, Total	ND		0.075		mg/Kg		08/12/25 09:04	08/12/25 11:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*15 - 150*	*08/12/25 09:04*	*08/12/25 11:45*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		08/12/25 09:12	08/12/25 13:09	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/12/25 09:12	08/12/25 13:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*111*		*62 - 134*	*08/12/25 09:12*	*08/12/25 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		08/12/25 10:26	08/12/25 13:55	20

Client Sample Results

Client: Ensolum
Project/Site: Valencia Canyon 45A

Job ID: 885-30713-1

Client Sample ID: S-4

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

Lab Sample ID: 885-30713-4

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		3.8		mg/Kg		08/12/25 09:04	08/12/25 12:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*08/12/25 09:04*	*08/12/25 12:08*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019		mg/Kg		08/12/25 09:04	08/12/25 12:08	1
Ethylbenzene	ND		0.038		mg/Kg		08/12/25 09:04	08/12/25 12:08	1
Toluene	ND		0.038		mg/Kg		08/12/25 09:04	08/12/25 12:08	1
Xylenes, Total	ND		0.077		mg/Kg		08/12/25 09:04	08/12/25 12:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*08/12/25 09:04*	*08/12/25 12:08*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		08/12/25 09:12	08/12/25 13:20	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/12/25 09:12	08/12/25 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*107*		*62 - 134*	*08/12/25 09:12*	*08/12/25 13:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/12/25 10:26	08/12/25 14:35	20

Client Sample Results

Client: Ensolum
Job ID: 885-30713-1
Project/Site: Valencia Canyon 45A

Client Sample ID: S-5
Lab Sample ID: 885-30713-5
Date Collected: 08/11/25 11:20
Matrix: Solid
Date Received: 08/12/25 07:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.9		mg/Kg		08/12/25 09:04	08/12/25 12:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*08/12/25 09:04*	*08/12/25 12:32*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020		mg/Kg		08/12/25 09:04	08/12/25 12:32	1
Ethylbenzene	ND		0.039		mg/Kg		08/12/25 09:04	08/12/25 12:32	1
Toluene	ND		0.039		mg/Kg		08/12/25 09:04	08/12/25 12:32	1
Xylenes, Total	ND		0.079		mg/Kg		08/12/25 09:04	08/12/25 12:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*08/12/25 09:04*	*08/12/25 12:32*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		08/12/25 09:12	08/12/25 13:31	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/12/25 09:12	08/12/25 13:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*114*		*62 - 134*	*08/12/25 09:12*	*08/12/25 13:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/12/25 10:26	08/12/25 14:49	20

Client Sample Results

Client: Ensolum
Job ID: 885-30713-1
Project/Site: Valencia Canyon 45A

Client Sample ID: S-6
Lab Sample ID: 885-30713-6
Date Collected: 08/11/25 11:25
Matrix: Solid
Date Received: 08/12/25 07:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.7		mg/Kg		08/12/25 09:04	08/12/25 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*08/12/25 09:04*	*08/12/25 12:56*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019		mg/Kg		08/12/25 09:04	08/12/25 12:56	1
Ethylbenzene	ND		0.037		mg/Kg		08/12/25 09:04	08/12/25 12:56	1
Toluene	ND		0.037		mg/Kg		08/12/25 09:04	08/12/25 12:56	1
Xylenes, Total	ND		0.074		mg/Kg		08/12/25 09:04	08/12/25 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*15 - 150*	*08/12/25 09:04*	*08/12/25 12:56*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		08/12/25 09:12	08/12/25 13:41	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/12/25 09:12	08/12/25 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*116*		*62 - 134*	*08/12/25 09:12*	*08/12/25 13:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/12/25 10:26	08/12/25 15:03	20

Client Sample Results

Client: Ensolum
Job ID: 885-30713-1
Project/Site: Valencia Canyon 45A

Client Sample ID: S-7
Lab Sample ID: 885-30713-7
Date Collected: 08/11/25 11:30
Matrix: Solid
Date Received: 08/12/25 07:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.7		mg/Kg		08/12/25 09:04	08/12/25 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*08/12/25 09:04*	*08/12/25 13:19*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018		mg/Kg		08/12/25 09:04	08/12/25 13:19	1
Ethylbenzene	ND		0.037		mg/Kg		08/12/25 09:04	08/12/25 13:19	1
Toluene	ND		0.037		mg/Kg		08/12/25 09:04	08/12/25 13:19	1
Xylenes, Total	ND		0.074		mg/Kg		08/12/25 09:04	08/12/25 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*08/12/25 09:04*	*08/12/25 13:19*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		08/12/25 09:12	08/12/25 13:52	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/12/25 09:12	08/12/25 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*08/12/25 09:12*	*08/12/25 13:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/12/25 10:26	08/12/25 12:03	20

Client Sample Results

Client: Ensolum
Job ID: 885-30713-1
Project/Site: Valencia Canyon 45A

Client Sample ID: S-8
Lab Sample ID: 885-30713-8
Date Collected: 08/11/25 11:35
Matrix: Solid
Date Received: 08/12/25 07:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.0		mg/Kg		08/12/25 09:04	08/12/25 13:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*08/12/25 09:04*	*08/12/25 13:43*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020		mg/Kg		08/12/25 09:04	08/12/25 13:43	1
Ethylbenzene	ND		0.040		mg/Kg		08/12/25 09:04	08/12/25 13:43	1
Toluene	ND		0.040		mg/Kg		08/12/25 09:04	08/12/25 13:43	1
Xylenes, Total	ND		0.079		mg/Kg		08/12/25 09:04	08/12/25 13:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*08/12/25 09:04*	*08/12/25 13:43*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		08/12/25 09:12	08/12/25 14:03	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		08/12/25 09:12	08/12/25 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*111*		*62 - 134*	*08/12/25 09:12*	*08/12/25 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		08/12/25 10:26	08/12/25 12:13	20

Client Sample Results

Client: Ensolum
Job ID: 885-30713-1
Project/Site: Valencia Canyon 45A

Client Sample ID: S-9
Lab Sample ID: 885-30713-9
Date Collected: 08/11/25 11:40
Matrix: Solid
Date Received: 08/12/25 07:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.1		mg/Kg		08/12/25 09:04	08/12/25 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*	*08/12/25 09:04*	*08/12/25 14:31*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021		mg/Kg		08/12/25 09:04	08/12/25 14:31	1
Ethylbenzene	ND		0.041		mg/Kg		08/12/25 09:04	08/12/25 14:31	1
Toluene	ND		0.041		mg/Kg		08/12/25 09:04	08/12/25 14:31	1
Xylenes, Total	ND		0.083		mg/Kg		08/12/25 09:04	08/12/25 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*08/12/25 09:04*	*08/12/25 14:31*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		08/12/25 09:12	08/12/25 14:14	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/12/25 09:12	08/12/25 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*	*08/12/25 09:12*	*08/12/25 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		08/12/25 10:26	08/12/25 12:23	20

Client Sample Results

Client: Ensolum
Job ID: 885-30713-1
Project/Site: Valencia Canyon 45A

Client Sample ID: S-10
Lab Sample ID: 885-30713-10
Date Collected: 08/11/25 11:45
Matrix: Solid
Date Received: 08/12/25 07:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.7		mg/Kg		08/12/25 09:04	08/12/25 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*08/12/25 09:04*	*08/12/25 14:54*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018		mg/Kg		08/12/25 09:04	08/12/25 14:54	1
Ethylbenzene	ND		0.037		mg/Kg		08/12/25 09:04	08/12/25 14:54	1
Toluene	ND		0.037		mg/Kg		08/12/25 09:04	08/12/25 14:54	1
Xylenes, Total	ND		0.073		mg/Kg		08/12/25 09:04	08/12/25 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*08/12/25 09:04*	*08/12/25 14:54*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		08/12/25 09:26	08/12/25 14:25	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/12/25 09:26	08/12/25 14:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*106*		*62 - 134*	*08/12/25 09:26*	*08/12/25 14:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/12/25 10:26	08/12/25 12:34	20

Client Sample Results

Client: Ensolum
Job ID: 885-30713-1
Project/Site: Valencia Canyon 45A

Client Sample ID: BF-1
Lab Sample ID: 885-30713-11
Date Collected: 08/11/25 11:50
Matrix: Solid
Date Received: 08/12/25 07:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.9		mg/Kg		08/12/25 11:10	08/12/25 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*08/12/25 11:10*	*08/12/25 15:18*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020		mg/Kg		08/12/25 11:10	08/12/25 15:18	1
Ethylbenzene	ND		0.039		mg/Kg		08/12/25 11:10	08/12/25 15:18	1
Toluene	ND		0.039		mg/Kg		08/12/25 11:10	08/12/25 15:18	1
Xylenes, Total	ND		0.079		mg/Kg		08/12/25 11:10	08/12/25 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*08/12/25 11:10*	*08/12/25 15:18*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		08/12/25 09:56	08/12/25 13:31	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/12/25 09:56	08/12/25 13:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*107*		*62 - 134*	*08/12/25 09:56*	*08/12/25 13:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		60		mg/Kg		08/12/25 10:26	08/12/25 12:44	20

QC Sample Results

Client: Ensolum
Project/Site: Valencia Canyon 45A

Job ID: 885-30713-1

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

Lab Sample ID: MB 885-32061/1-A
Matrix: Solid
Analysis Batch: 32052

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32061

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

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

Lab Sample ID: LCS 885-32061/2-A
Matrix: Solid
Analysis Batch: 32052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32061

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

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

Lab Sample ID: 885-30713-1 MS
Matrix: Solid
Analysis Batch: 32159

Client Sample ID: S-1
Prep Type: Total/NA
Prep Batch: 32061

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]	ND		25.9	26.4		mg/Kg					

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

Lab Sample ID: 885-30713-1 MSD
Matrix: Solid
Analysis Batch: 32159

Client Sample ID: S-1
Prep Type: Total/NA
Prep Batch: 32061

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		25.9	26.7		mg/Kg					

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

QC Sample Results

Client: Ensolum
Project/Site: Valencia Canyon 45A

Job ID: 885-30713-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-32061/1-A
Matrix: Solid
Analysis Batch: 32053

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32061

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

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

Lab Sample ID: LCS 885-32061/3-A
Matrix: Solid
Analysis Batch: 32053

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32061

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

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

Lab Sample ID: 885-30713-2 MS
Matrix: Solid
Analysis Batch: 32160

Client Sample ID: S-2
Prep Type: Total/NA
Prep Batch: 32061

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.847	0.670		mg/Kg		79	70 - 130		
Ethylbenzene	ND		0.847	0.714		mg/Kg		83	70 - 130		
Toluene	0.058		0.847	0.768		mg/Kg		84	70 - 130		
Xylenes, Total	0.16		2.54	2.43		mg/Kg		89	70 - 130		

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

QC Sample Results

Client: Ensolum
Project/Site: Valencia Canyon 45A

Job ID: 885-30713-1

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

Lab Sample ID: 885-30713-2 MSD
Matrix: Solid
Analysis Batch: 32160

Client Sample ID: S-2
Prep Type: Total/NA
Prep Batch: 32061

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.847	0.652		mg/Kg		77	70 - 130	3	20
Ethylbenzene	ND		0.847	0.682		mg/Kg		79	70 - 130	5	20
Toluene	0.058		0.847	0.731		mg/Kg		80	70 - 130	5	20
Xylenes, Total	0.16		2.54	2.35		mg/Kg		86	70 - 130	3	20

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

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

Lab Sample ID: MB 885-32063/1-A
Matrix: Solid
Analysis Batch: 32065

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32063

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		08/12/25 09:11	08/12/25 12:05	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/12/25 09:11	08/12/25 12:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*	*08/12/25 09:11*	*08/12/25 12:05*	*1*

Lab Sample ID: LCS 885-32063/2-A
Matrix: Solid
Analysis Batch: 32065

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32063

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	46.2		mg/Kg		92	51 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*

Lab Sample ID: 885-30713-1 MS
Matrix: Solid
Analysis Batch: 32065

Client Sample ID: S-1
Prep Type: Total/NA
Prep Batch: 32063

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		47.6	44.9		mg/Kg		94	44 - 136		

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

QC Sample Results

Client: Ensolum
Project/Site: Valencia Canyon 45A

Job ID: 885-30713-1

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

Lab Sample ID: 885-30713-1 MSD — **Client Sample ID: S-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 32065 — **Prep Batch: 32063**

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		50.0	52.7		mg/Kg		105	44 - 136	16	32

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

Lab Sample ID: MB 885-32089/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 32066 — **Prep Batch: 32089**

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

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

Lab Sample ID: LCS 885-32089/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 32066 — **Prep Batch: 32089**

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

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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-32093/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 32092 — **Prep Batch: 32093**

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

Lab Sample ID: LCS 885-32093/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 32092 — **Prep Batch: 32093**

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

QC Association Summary

Client: Ensolum
Project/Site: Valencia Canyon 45A

Job ID: 885-30713-1

GC VOA

Analysis Batch: 32052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30713-1	S-1	Total/NA	Solid	8015M/D	32061
885-30713-2	S-2	Total/NA	Solid	8015M/D	32061
885-30713-3	S-3	Total/NA	Solid	8015M/D	32061
885-30713-4	S-4	Total/NA	Solid	8015M/D	32061
885-30713-5	S-5	Total/NA	Solid	8015M/D	32061
885-30713-6	S-6	Total/NA	Solid	8015M/D	32061
885-30713-7	S-7	Total/NA	Solid	8015M/D	32061
885-30713-8	S-8	Total/NA	Solid	8015M/D	32061
885-30713-9	S-9	Total/NA	Solid	8015M/D	32061
885-30713-10	S-10	Total/NA	Solid	8015M/D	32061
885-30713-11	BF-1	Total/NA	Solid	8015M/D	32061
MB 885-32061/1-A	Method Blank	Total/NA	Solid	8015M/D	32061
LCS 885-32061/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	32061

Analysis Batch: 32053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30713-1	S-1	Total/NA	Solid	8021B	32061
885-30713-2	S-2	Total/NA	Solid	8021B	32061
885-30713-3	S-3	Total/NA	Solid	8021B	32061
885-30713-4	S-4	Total/NA	Solid	8021B	32061
885-30713-5	S-5	Total/NA	Solid	8021B	32061
885-30713-6	S-6	Total/NA	Solid	8021B	32061
885-30713-7	S-7	Total/NA	Solid	8021B	32061
885-30713-8	S-8	Total/NA	Solid	8021B	32061
885-30713-9	S-9	Total/NA	Solid	8021B	32061
885-30713-10	S-10	Total/NA	Solid	8021B	32061
885-30713-11	BF-1	Total/NA	Solid	8021B	32061
MB 885-32061/1-A	Method Blank	Total/NA	Solid	8021B	32061
LCS 885-32061/3-A	Lab Control Sample	Total/NA	Solid	8021B	32061

Prep Batch: 32061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30713-1	S-1	Total/NA	Solid	5035	
885-30713-2	S-2	Total/NA	Solid	5035	
885-30713-3	S-3	Total/NA	Solid	5035	
885-30713-4	S-4	Total/NA	Solid	5035	
885-30713-5	S-5	Total/NA	Solid	5035	
885-30713-6	S-6	Total/NA	Solid	5035	
885-30713-7	S-7	Total/NA	Solid	5035	
885-30713-8	S-8	Total/NA	Solid	5035	
885-30713-9	S-9	Total/NA	Solid	5035	
885-30713-10	S-10	Total/NA	Solid	5035	
885-30713-11	BF-1	Total/NA	Solid	5035	
MB 885-32061/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-32061/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-32061/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-30713-1 MS	S-1	Total/NA	Solid	5035	
885-30713-1 MSD	S-1	Total/NA	Solid	5035	
885-30713-2 MS	S-2	Total/NA	Solid	5035	
885-30713-2 MSD	S-2	Total/NA	Solid	5035	

QC Association Summary

Client: Ensolum
Job ID: 885-30713-1
Project/Site: Valencia Canyon 45A

GC VOA

Analysis Batch: 32159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-32061/1-A	Method Blank	Total/NA	Solid	8015M/D	32061
LCS 885-32061/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	32061
885-30713-1 MS	S-1	Total/NA	Solid	8015M/D	32061
885-30713-1 MSD	S-1	Total/NA	Solid	8015M/D	32061

Analysis Batch: 32160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-32061/1-A	Method Blank	Total/NA	Solid	8021B	32061
LCS 885-32061/3-A	Lab Control Sample	Total/NA	Solid	8021B	32061
885-30713-2 MS	S-2	Total/NA	Solid	8021B	32061
885-30713-2 MSD	S-2	Total/NA	Solid	8021B	32061

GC Semi VOA

Prep Batch: 32063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30713-1	S-1	Total/NA	Solid	SHAKE	
885-30713-2	S-2	Total/NA	Solid	SHAKE	
885-30713-3	S-3	Total/NA	Solid	SHAKE	
885-30713-4	S-4	Total/NA	Solid	SHAKE	
885-30713-5	S-5	Total/NA	Solid	SHAKE	
885-30713-6	S-6	Total/NA	Solid	SHAKE	
885-30713-7	S-7	Total/NA	Solid	SHAKE	
885-30713-8	S-8	Total/NA	Solid	SHAKE	
885-30713-9	S-9	Total/NA	Solid	SHAKE	
885-30713-10	S-10	Total/NA	Solid	SHAKE	
MB 885-32063/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-32063/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-30713-1 MS	S-1	Total/NA	Solid	SHAKE	
885-30713-1 MSD	S-1	Total/NA	Solid	SHAKE	

Analysis Batch: 32065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30713-1	S-1	Total/NA	Solid	8015M/D	32063
885-30713-2	S-2	Total/NA	Solid	8015M/D	32063
885-30713-3	S-3	Total/NA	Solid	8015M/D	32063
885-30713-4	S-4	Total/NA	Solid	8015M/D	32063
885-30713-5	S-5	Total/NA	Solid	8015M/D	32063
885-30713-6	S-6	Total/NA	Solid	8015M/D	32063
885-30713-7	S-7	Total/NA	Solid	8015M/D	32063
885-30713-8	S-8	Total/NA	Solid	8015M/D	32063
885-30713-9	S-9	Total/NA	Solid	8015M/D	32063
885-30713-10	S-10	Total/NA	Solid	8015M/D	32063
MB 885-32063/1-A	Method Blank	Total/NA	Solid	8015M/D	32063
LCS 885-32063/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	32063
885-30713-1 MS	S-1	Total/NA	Solid	8015M/D	32063
885-30713-1 MSD	S-1	Total/NA	Solid	8015M/D	32063

Analysis Batch: 32066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30713-11	BF-1	Total/NA	Solid	8015M/D	32089

QC Association Summary

Client: Ensolum
Job ID: 885-30713-1
Project/Site: Valencia Canyon 45A

GC Semi VOA (Continued)

Analysis Batch: 32066 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-32089/1-A	Method Blank	Total/NA	Solid	8015M/D	32089
LCS 885-32089/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	32089

Prep Batch: 32089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30713-11	BF-1	Total/NA	Solid	SHAKE	
MB 885-32089/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-32089/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

HPLC/IC

Analysis Batch: 32092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30713-7	S-7	Total/NA	Solid	300.0	32093
885-30713-8	S-8	Total/NA	Solid	300.0	32093
885-30713-9	S-9	Total/NA	Solid	300.0	32093
885-30713-10	S-10	Total/NA	Solid	300.0	32093
885-30713-11	BF-1	Total/NA	Solid	300.0	32093
MB 885-32093/1-A	Method Blank	Total/NA	Solid	300.0	32093
LCS 885-32093/2-A	Lab Control Sample	Total/NA	Solid	300.0	32093

Prep Batch: 32093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30713-1	S-1	Total/NA	Solid	300_Prep	
885-30713-2	S-2	Total/NA	Solid	300_Prep	
885-30713-3	S-3	Total/NA	Solid	300_Prep	
885-30713-4	S-4	Total/NA	Solid	300_Prep	
885-30713-5	S-5	Total/NA	Solid	300_Prep	
885-30713-6	S-6	Total/NA	Solid	300_Prep	
885-30713-7	S-7	Total/NA	Solid	300_Prep	
885-30713-8	S-8	Total/NA	Solid	300_Prep	
885-30713-9	S-9	Total/NA	Solid	300_Prep	
885-30713-10	S-10	Total/NA	Solid	300_Prep	
885-30713-11	BF-1	Total/NA	Solid	300_Prep	
MB 885-32093/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-32093/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 32102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30713-1	S-1	Total/NA	Solid	300.0	32093
885-30713-2	S-2	Total/NA	Solid	300.0	32093
885-30713-3	S-3	Total/NA	Solid	300.0	32093
885-30713-4	S-4	Total/NA	Solid	300.0	32093
885-30713-5	S-5	Total/NA	Solid	300.0	32093
885-30713-6	S-6	Total/NA	Solid	300.0	32093

Lab Chronicle

Client: Ensolum
Job ID: 885-30713-1
Project/Site: Valencia Canyon 45A

Client Sample ID: S-1
Lab Sample ID: 885-30713-1
Date Collected: 08/11/25 11:00
Matrix: Solid
Date Received: 08/12/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32061	JP	EET ALB	08/12/25 09:04
Total/NA	Analysis	8015M/D		1	32052	JP	EET ALB	08/12/25 10:58
Total/NA	Prep	5035			32061	JP	EET ALB	08/12/25 09:04
Total/NA	Analysis	8021B		1	32053	JP	EET ALB	08/12/25 10:58
Total/NA	Prep	SHAKE			32063	BZR	EET ALB	08/12/25 09:12
Total/NA	Analysis	8015M/D		1	32065	EM	EET ALB	08/12/25 12:26
Total/NA	Prep	300_Prep			32093	RC	EET ALB	08/12/25 10:26
Total/NA	Analysis	300.0		20	32102	RC	EET ALB	08/12/25 13:27

Client Sample ID: S-2
Lab Sample ID: 885-30713-2
Date Collected: 08/11/25 11:05
Matrix: Solid
Date Received: 08/12/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32061	JP	EET ALB	08/12/25 09:04
Total/NA	Analysis	8015M/D		1	32052	JP	EET ALB	08/12/25 11:21
Total/NA	Prep	5035			32061	JP	EET ALB	08/12/25 09:04
Total/NA	Analysis	8021B		1	32053	JP	EET ALB	08/12/25 11:21
Total/NA	Prep	SHAKE			32063	BZR	EET ALB	08/12/25 09:12
Total/NA	Analysis	8015M/D		1	32065	EM	EET ALB	08/12/25 12:58
Total/NA	Prep	300_Prep			32093	RC	EET ALB	08/12/25 10:26
Total/NA	Analysis	300.0		20	32102	RC	EET ALB	08/12/25 13:41

Client Sample ID: S-3
Lab Sample ID: 885-30713-3
Date Collected: 08/11/25 11:10
Matrix: Solid
Date Received: 08/12/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32061	JP	EET ALB	08/12/25 09:04
Total/NA	Analysis	8015M/D		1	32052	JP	EET ALB	08/12/25 11:45
Total/NA	Prep	5035			32061	JP	EET ALB	08/12/25 09:04
Total/NA	Analysis	8021B		1	32053	JP	EET ALB	08/12/25 11:45
Total/NA	Prep	SHAKE			32063	BZR	EET ALB	08/12/25 09:12
Total/NA	Analysis	8015M/D		1	32065	EM	EET ALB	08/12/25 13:09
Total/NA	Prep	300_Prep			32093	RC	EET ALB	08/12/25 10:26
Total/NA	Analysis	300.0		20	32102	RC	EET ALB	08/12/25 13:55

Client Sample ID: S-4
Lab Sample ID: 885-30713-4
Date Collected: 08/11/25 11:15
Matrix: Solid
Date Received: 08/12/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32061	JP	EET ALB	08/12/25 09:04
Total/NA	Analysis	8015M/D		1	32052	JP	EET ALB	08/12/25 12:08

Lab Chronicle

Client: Ensolum
Job ID: 885-30713-1
Project/Site: Valencia Canyon 45A

Client Sample ID: S-4
Lab Sample ID: 885-30713-4
Date Collected: 08/11/25 11:15
Matrix: Solid
Date Received: 08/12/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32061	JP	EET ALB	08/12/25 09:04
Total/NA	Analysis	8021B		1	32053	JP	EET ALB	08/12/25 12:08
Total/NA	Prep	SHAKE			32063	BZR	EET ALB	08/12/25 09:12
Total/NA	Analysis	8015M/D		1	32065	EM	EET ALB	08/12/25 13:20
Total/NA	Prep	300_Prep			32093	RC	EET ALB	08/12/25 10:26
Total/NA	Analysis	300.0		20	32102	RC	EET ALB	08/12/25 14:35

Client Sample ID: S-5
Lab Sample ID: 885-30713-5
Date Collected: 08/11/25 11:20
Matrix: Solid
Date Received: 08/12/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32061	JP	EET ALB	08/12/25 09:04
Total/NA	Analysis	8015M/D		1	32052	JP	EET ALB	08/12/25 12:32
Total/NA	Prep	5035			32061	JP	EET ALB	08/12/25 09:04
Total/NA	Analysis	8021B		1	32053	JP	EET ALB	08/12/25 12:32
Total/NA	Prep	SHAKE			32063	BZR	EET ALB	08/12/25 09:12
Total/NA	Analysis	8015M/D		1	32065	EM	EET ALB	08/12/25 13:31
Total/NA	Prep	300_Prep			32093	RC	EET ALB	08/12/25 10:26
Total/NA	Analysis	300.0		20	32102	RC	EET ALB	08/12/25 14:49

Client Sample ID: S-6
Lab Sample ID: 885-30713-6
Date Collected: 08/11/25 11:25
Matrix: Solid
Date Received: 08/12/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32061	JP	EET ALB	08/12/25 09:04
Total/NA	Analysis	8015M/D		1	32052	JP	EET ALB	08/12/25 12:56
Total/NA	Prep	5035			32061	JP	EET ALB	08/12/25 09:04
Total/NA	Analysis	8021B		1	32053	JP	EET ALB	08/12/25 12:56
Total/NA	Prep	SHAKE			32063	BZR	EET ALB	08/12/25 09:12
Total/NA	Analysis	8015M/D		1	32065	EM	EET ALB	08/12/25 13:41
Total/NA	Prep	300_Prep			32093	RC	EET ALB	08/12/25 10:26
Total/NA	Analysis	300.0		20	32102	RC	EET ALB	08/12/25 15:03

Client Sample ID: S-7
Lab Sample ID: 885-30713-7
Date Collected: 08/11/25 11:30
Matrix: Solid
Date Received: 08/12/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32061	JP	EET ALB	08/12/25 09:04
Total/NA	Analysis	8015M/D		1	32052	JP	EET ALB	08/12/25 13:19
Total/NA	Prep	5035			32061	JP	EET ALB	08/12/25 09:04
Total/NA	Analysis	8021B		1	32053	JP	EET ALB	08/12/25 13:19

Lab Chronicle

Client: Ensolum
Job ID: 885-30713-1
Project/Site: Valencia Canyon 45A

Client Sample ID: S-7
Lab Sample ID: 885-30713-7
Date Collected: 08/11/25 11:30
Matrix: Solid
Date Received: 08/12/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			32063	BZR	EET ALB	08/12/25 09:12
Total/NA	Analysis	8015M/D		1	32065	EM	EET ALB	08/12/25 13:52
Total/NA	Prep	300_Prep			32093	RC	EET ALB	08/12/25 10:26
Total/NA	Analysis	300.0		20	32092	RC	EET ALB	08/12/25 12:03

Client Sample ID: S-8
Lab Sample ID: 885-30713-8
Date Collected: 08/11/25 11:35
Matrix: Solid
Date Received: 08/12/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32061	JP	EET ALB	08/12/25 09:04
Total/NA	Analysis	8015M/D		1	32052	JP	EET ALB	08/12/25 13:43
Total/NA	Prep	5035			32061	JP	EET ALB	08/12/25 09:04
Total/NA	Analysis	8021B		1	32053	JP	EET ALB	08/12/25 13:43
Total/NA	Prep	SHAKE			32063	BZR	EET ALB	08/12/25 09:12
Total/NA	Analysis	8015M/D		1	32065	EM	EET ALB	08/12/25 14:03
Total/NA	Prep	300_Prep			32093	RC	EET ALB	08/12/25 10:26
Total/NA	Analysis	300.0		20	32092	RC	EET ALB	08/12/25 12:13

Client Sample ID: S-9
Lab Sample ID: 885-30713-9
Date Collected: 08/11/25 11:40
Matrix: Solid
Date Received: 08/12/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32061	JP	EET ALB	08/12/25 09:04
Total/NA	Analysis	8015M/D		1	32052	JP	EET ALB	08/12/25 14:31
Total/NA	Prep	5035			32061	JP	EET ALB	08/12/25 09:04
Total/NA	Analysis	8021B		1	32053	JP	EET ALB	08/12/25 14:31
Total/NA	Prep	SHAKE			32063	BZR	EET ALB	08/12/25 09:12
Total/NA	Analysis	8015M/D		1	32065	EM	EET ALB	08/12/25 14:14
Total/NA	Prep	300_Prep			32093	RC	EET ALB	08/12/25 10:26
Total/NA	Analysis	300.0		20	32092	RC	EET ALB	08/12/25 12:23

Client Sample ID: S-10
Lab Sample ID: 885-30713-10
Date Collected: 08/11/25 11:45
Matrix: Solid
Date Received: 08/12/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32061	JP	EET ALB	08/12/25 09:04
Total/NA	Analysis	8015M/D		1	32052	JP	EET ALB	08/12/25 14:54
Total/NA	Prep	5035			32061	JP	EET ALB	08/12/25 09:04
Total/NA	Analysis	8021B		1	32053	JP	EET ALB	08/12/25 14:54
Total/NA	Prep	SHAKE			32063	BZR	EET ALB	08/12/25 09:26
Total/NA	Analysis	8015M/D		1	32065	EM	EET ALB	08/12/25 14:25

Lab Chronicle

Client: Ensolum
Job ID: 885-30713-1
Project/Site: Valencia Canyon 45A

Client Sample ID: S-10
Lab Sample ID: 885-30713-10
Date Collected: 08/11/25 11:45
Matrix: Solid
Date Received: 08/12/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			32093	RC	EET ALB	08/12/25 10:26
Total/NA	Analysis	300.0		20	32092	RC	EET ALB	08/12/25 12:34

Client Sample ID: BF-1
Lab Sample ID: 885-30713-11
Date Collected: 08/11/25 11:50
Matrix: Solid
Date Received: 08/12/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			32061	JP	EET ALB	08/12/25 11:10
Total/NA	Analysis	8015M/D		1	32052	JP	EET ALB	08/12/25 15:18
Total/NA	Prep	5035			32061	JP	EET ALB	08/12/25 11:10
Total/NA	Analysis	8021B		1	32053	JP	EET ALB	08/12/25 15:18
Total/NA	Prep	SHAKE			32089	BZR	EET ALB	08/12/25 09:56
Total/NA	Analysis	8015M/D		1	32066	EM	EET ALB	08/12/25 13:31
Total/NA	Prep	300_Prep			32093	RC	EET ALB	08/12/25 10:26
Total/NA	Analysis	300.0		20	32092	RC	EET ALB	08/12/25 12:44

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum
Job ID: 885-30713-1
Project/Site: Valencia Canyon 45A

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 87410

Phone #:

email or Fax#: cdapanti

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 100%
☐ Standard ☒ Rush 8-12-25

Project Name: Valencia Canyon 45A

Project #:

Project Manager: K Summers

Sampler: CD Apanti

On Ice: ☒ Yes ☐ No

# of Coolers: 1 Abby

Cooler Temp (including CF): 3-1-0.2=2.9 (°C)

HALL ENVIRONMENTAL ANALYSIS LABOR
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 8711
Tel. 505-345-3975 Fax 505-345-4107
885-30713 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / ~~TMB~~'s (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO3, PO4, SO4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
8/11	1100	S	S-1	4oz Jar	Cool	1	✓	✓					✓			
8/11	1105	S	S-2			2	✓	✓					✓			
8/11	1110	S	S-3			3	✓	✓					✓			
8/11	1115	S	S-4			4	✓	✓					✓			
8/11	1120	S	S-5			5	✓	✓					✓			
8/11	1125	S	S-6			6	✓	✓					✓			
8/11	1130	S	S-7			7	✓	✓					✓			
8/11	1135	S	S-8			8	✓	✓					✓			
8/11	1140	S	S-9			9	✓	✓					✓			
8/11	1145	S	S-10			10	✓	✓					✓			
8/11	1150	S	BF-1			11	✓	✓					✓			

Date	Time	Relinquished by	Received by	Via	Date	Time
8/11/25	1413				8/11/25	1413
8/11/25	1815			Courier	8/12/25	7:15

Remarks: Tom Long RB21200

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Sent 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: 885-30713-1

Login Number: 30713 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: McQuiston, Steven

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

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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

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 521931
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2521837098**
Incident Name	**NAPP2521837098 VALENCIA CANYON #45B @ I-34-28N-04W**
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	Valencia Canyon #45B
Date Release Discovered	08/06/2025
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 | Pump | Condensate | Released: 5 BBL | Recovered: 0 BBL | Lost: 5 BBL.
Natural Gas Vented (Mcf) Details	Cause: Corrosion | Pipeline (Any) | Natural Gas Vented | Released: 1 MCF | Recovered: 0 MCF | Lost: 1 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)	None

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QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 521931
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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

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

I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 10/31/2025

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QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 521931
	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	OCD Imaging Records Lookup
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 100 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Zero feet, overlying, or within area
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	None
A 100-year floodplain	Between 1000 (ft.) and ½ (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)	0.1
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0.1
GRO+DRO (EPA SW-846 Method 8015M)	0.1
BTEX (EPA SW-846 Method 8021B or 8260B)	0.1
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1
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	08/06/2025
On what date will (or did) the final sampling or liner inspection occur	08/11/2025
On what date will (or was) the remediation complete(d)	08/11/2025
What is the estimated surface area (in square feet) that will be reclaimed	360
What is the estimated volume (in cubic yards) that will be reclaimed	290
What is the estimated surface area (in square feet) that will be remediated	360
What is the estimated volume (in cubic yards) that will be remediated	290
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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QUESTIONS (continued)

Operator:	OGRID:
Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	241602
	Action Number: 521931
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fEEM0112334691 ENVIROTECH LANDFARM #1
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 10/31/2025
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)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 521931
	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: 521931
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**493189**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**08/11/2025**
What was the (estimated) number of samples that were to be gathered	**12**
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	360
What was the total volume (cubic yards) remediated	290
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	360
What was the total volume (in cubic yards) reclaimed	290
Summarize any additional remediation activities not included by answers (above)	This release was originally named the Valencia Canyon #45B by mistake. It is actually the Valencia Canyon #45A.

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 10/31/2025

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QUESTIONS (continued)

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	Action Number: 521931
	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

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 521931
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CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Remediation closure is approved.	11/7/2025
michael.buchanan	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	11/7/2025
michael.buchanan	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	11/7/2025
michael.buchanan	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	11/7/2025
michael.buchanan	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	11/7/2025
michael.buchanan	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	11/7/2025