



## CLOSURE REPORT

Property:

**Bisti 10A**  
Unit Letter E, S16 T25N R11W  
San Juan County, New Mexico

**New Mexico EMNRD OCD Incident ID No. NAPP2513661030**

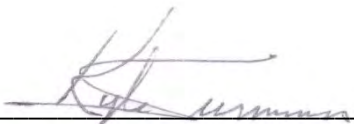
**August 25, 2025**

Ensolum Project No. 05A1226368

Prepared for:

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

Prepared by:

  
\_\_\_\_\_  
Kyle Summers  
Senior Managing Geologist

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## 1.0 INTRODUCTION

### 1.1 Site Description & Background

<b>Operator:</b>	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)
<b>Site Name:</b>	Bisti 10A (Site)
<b>NM EMNRD OCD Incident ID No.</b>	NAPP2513661030
<b>Location:</b>	36.40258072° North, 108.01413665° West Unit Letter E, Section 16, Township 25 North, Range 11 West San Juan County, New Mexico
<b>Property:</b>	Bureau of Land Management (BLM)
<b>Regulatory:</b>	New Mexico (NM) Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

On April 29, 2025, a potential release of natural gas was identified from the Bisti 10A pipeline. Enterprise subsequently isolated and locked the pipeline out of service. On May 15, 2025, Enterprise initiated activities to remediate potential petroleum hydrocarbon impact. On May 16, 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**.

- The NM Office of the State Engineer (OSE) tracks the usage and assignment of water rights and water well installations and records this information in the Water Rights Reporting System (WRRS) database. Water wells and other points of diversion (PODs) are each assigned POD numbers in the database (which is searchable and includes an interactive map). No PODs were identified in the same or adjacent Public Land Survey System (PLSS) sections (**Figure A, Appendix B**).
- No cathodic protection wells (CPWs) with recorded depths to water were identified in the NM EMNRD OCD imaging database in the same or adjacent PLSS sections (**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 200 feet west 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 within 300 feet of a wetland (**Figure F, Appendix B**). A riverine is located approximately 200 feet west of the Site. 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**).

Based on available information Enterprise estimates the depth to water at the Site to potentially be less than 50 feet bgs due to being within 300 feet of a “blue-line” significant watercourse resulting in a Tier I ranking. The closure criteria for soils remaining in place at the Site include:

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

<sup>1</sup> – Constituent concentrations are in milligrams per kilogram (mg/kg).

<sup>2</sup> – Total Petroleum Hydrocarbons (TPH). Gasoline Range Organics (GRO). Diesel Range Organics (DRO). Motor Oil/Lube Oil Range Organics (MRO).

<sup>3</sup> – Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX).

### 3.0 SOIL REMEDIATION ACTIVITIES

On May 5, 2025, Enterprise initiated activities to remediate petroleum hydrocarbon impact resulting from the release. During the remediation and corrective action activities, West States Energy Contractors, Inc., provided heavy equipment and labor support, while Ensolum provided environmental consulting support.

The floor of the excavation measured approximately 17 feet by 12 feet. The overall surface expression of the excavation measured approximately 28 feet 16 feet (448 ft<sup>2</sup>) at the maximum extents. The maximum depth of the excavation measured approximately 7 feet bgs. The lithology encountered during the completion of remediation activities consisted primarily of unconsolidated silty sand.

Approximately 208 cubic yards (yd<sup>3</sup>) of petroleum hydrocarbon-affected soils were transported to the Envirotech, Inc., (Envirotech) landfarm in San Juan County, NM for disposal/remediation. The executed C-138 solid waste acceptance form is provided in **Appendix C**.

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

### 4.0 SOIL SAMPLING PROGRAM

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

Ensolum's soil sampling program included the collection of seven composite soil samples (S-1 through S-7) 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<sup>2</sup>) or less sample area per guidelines outlined in Section D of 19.15.29.12 NMAC. The excavator bucket and/or hand tools were utilized to obtain fresh aliquots from the excavation and backfill. Regulatory correspondence is provided in **Appendix E**.

#### **First Sampling Event**

On May 20, 2025, sampling was performed at the Site. The NM EMNRD OCD was notified of the sampling event although no representative was present during sampling activities. Composite soil sample S-1 (6' to 7') was collected from the floor of the excavation. Soil samples S-2 (0' to 7'), S-3 (0' to 6'), and S-4 (0' to 7') were collected from the walls and sloped walls of the excavation. Composite soil sample S-5 (0' to 7') was collected from the west sloped wall and adjacent floor of the excavation. Composite soil sample BF-1 was collected from the stockpiled backfill material. The analytical results for composite soil sample S-2 indicated a combined TPH GRO/DRO/MRO concentration exceedance.

#### **Second Sampling Event**

On June 17, 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. Soils associated with composite soil sample S-2 were removed from the north wall of the excavation. Composite soil samples S-6 (0' to 7') and S-7 (0' to 7') were collected from the sloped wall and adjacent floor to replace composite soil sample S-2.

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, S-3 through S-7, and BF-1) to the applicable NM EMNRD OCD closure criteria. The results for composite soil sample S-2 are not included in the following discussion because the impacted soils were removed from the Site and taken to the landfarm. 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 the composite soil samples collected from soils remaining at the Site indicate that total BTEX is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 50 mg/kg.
- The laboratory analytical results for composite soil sample S-1 indicates a total combined TPH GRO/DRO/MRO concentration of 11 mg/kg, which is less than the NM EMNRD OCD closure criteria of 100 mg/kg. The analytical results for the other composite soil samples collected from soils remaining at the Site indicate that total combined TPH GRO/DRO/MRO concentrations are less than the laboratory PQLs / RLs, which are less than the NM EMNRD OCD closure criteria of 100 mg/kg.
- The laboratory analytical results for composite soil samples S-1 and S-3 indicate chloride concentrations ranging from 190 mg/kg (S-3) to 400 mg/kg (S-1), which are less than the NM EMNRD OCD closure criteria of 600 mg/kg. The analytical results for the other composite soil samples collected from soils remaining at the Site indicate that chloride concentrations are less than the laboratory PQLs / RLs, which are less than the NM EMNRD OCD closure criteria of 600 mg/kg.

## 7.0 RECLAMATION

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

## 8.0 REVEGETATION

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

## 9.0 FINDINGS AND RECOMMENDATION

- Eight 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 208 yd<sup>3</sup> of petroleum hydrocarbon-affected soils were transported to the Envirotech landfarm for disposal/remediation.

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

## 10.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

### 10.1 Standard of Care

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

### 10.2 Limitations

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

### 10.3 Reliance

This report has been prepared for the exclusive use of Enterprise, and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the Site) is prohibited without the express written authorization of Enterprise and Ensolum. Any unauthorized distribution or reuse is at the client's sole risk. Notwithstanding the foregoing, reliance by

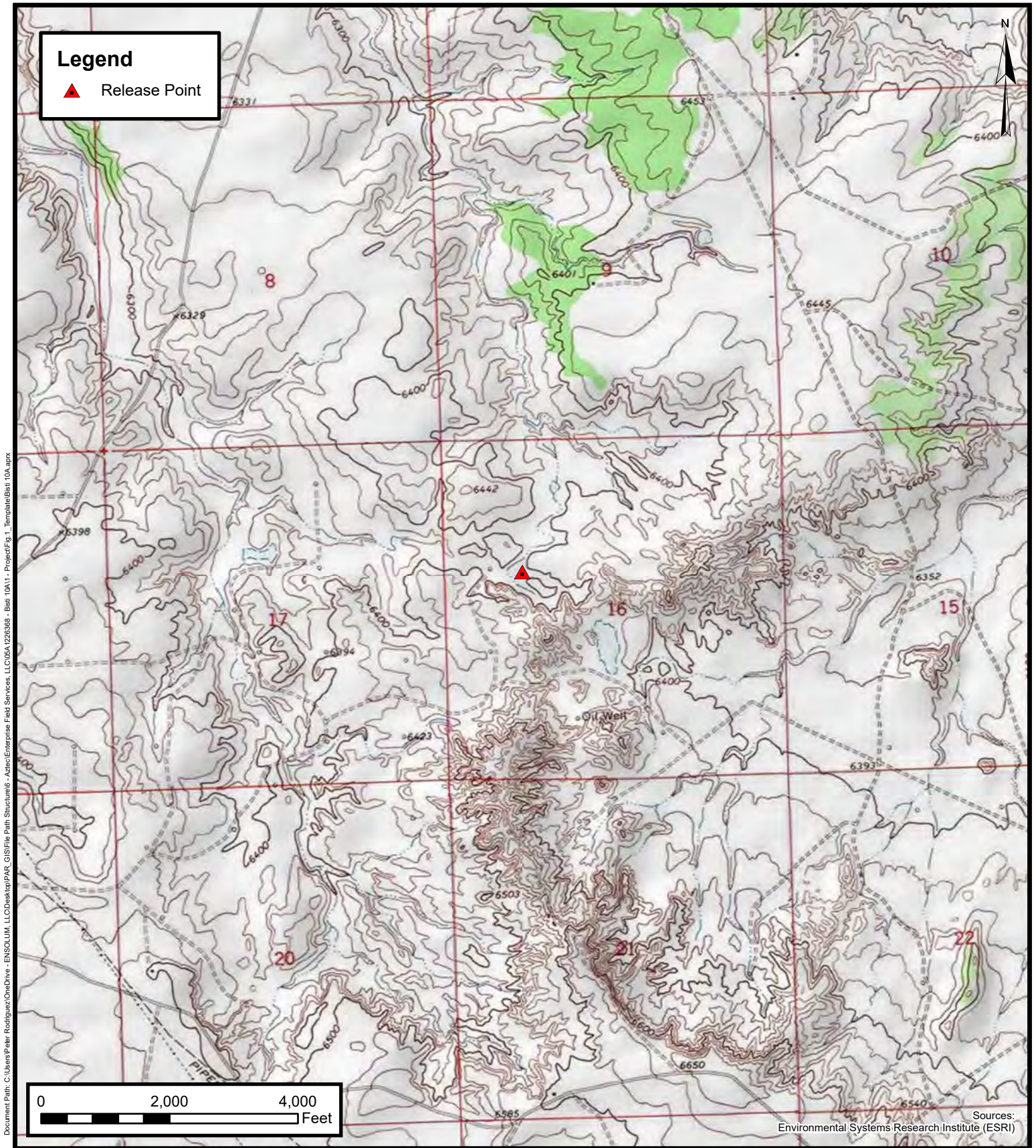
authorized parties will be subject to the terms, conditions, and limitations stated in this report and Ensolum's Master Services Agreement. The limitation of liability defined in the agreement is the aggregate limit of Ensolum's liability to the client.



# APPENDIX A

## Figures

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## Topographic Map

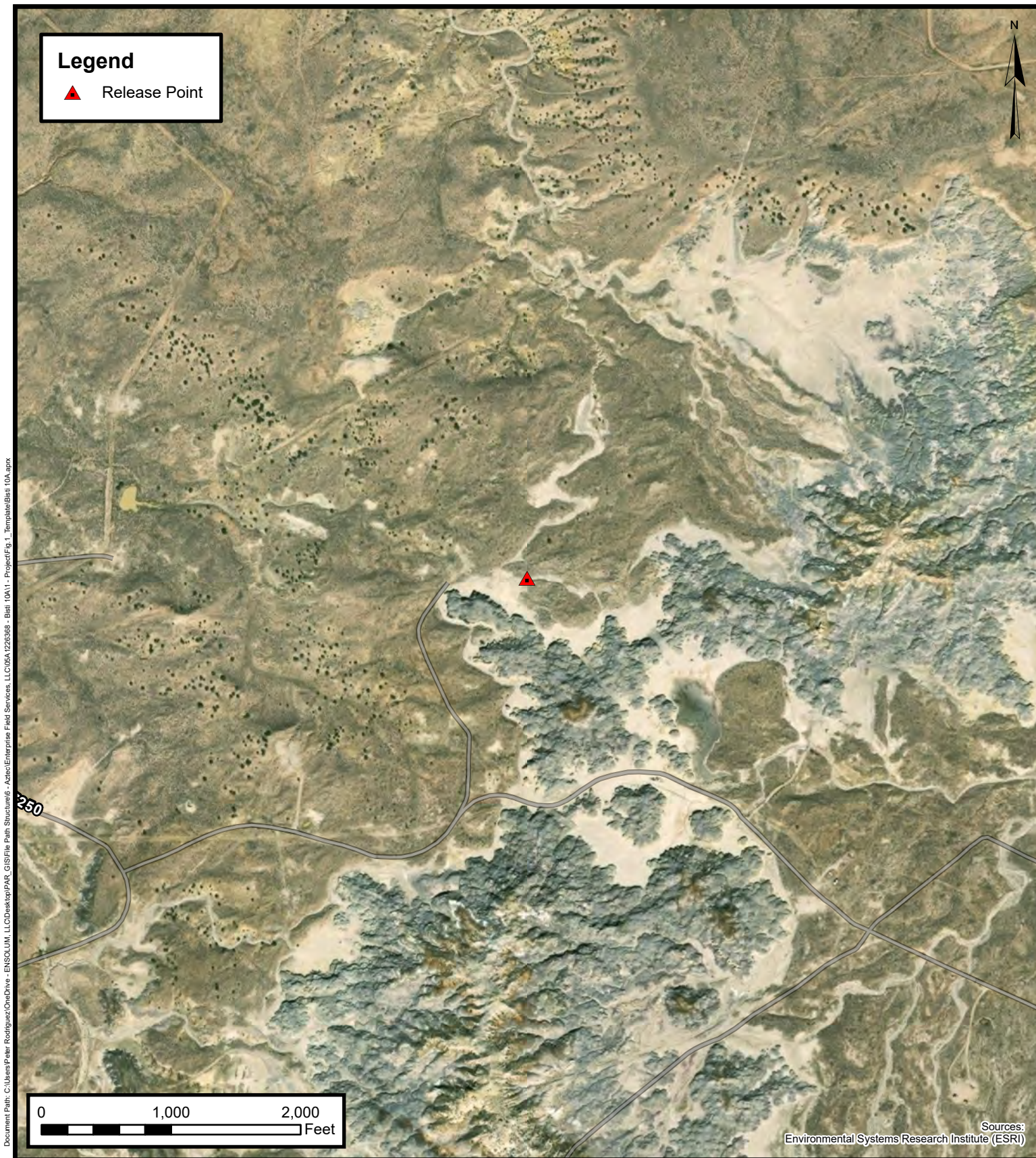
Enterprise Field Services, LLC  
Bisti 10A

Project Number: 05A1226368

Unit Letter E, S16 T25N R11W, San Juan County, New Mexico  
36.40258072, -108.01413665

FIGURE

1



## Site Vicinity Map

Enterprise Field Services, LLC  
Bisti 10A

Project Number: 05A1226368

Unit Letter E, S16 T25N R11W, San Juan County, New Mexico  
36.40258072, -108.01413665

FIGURE

2

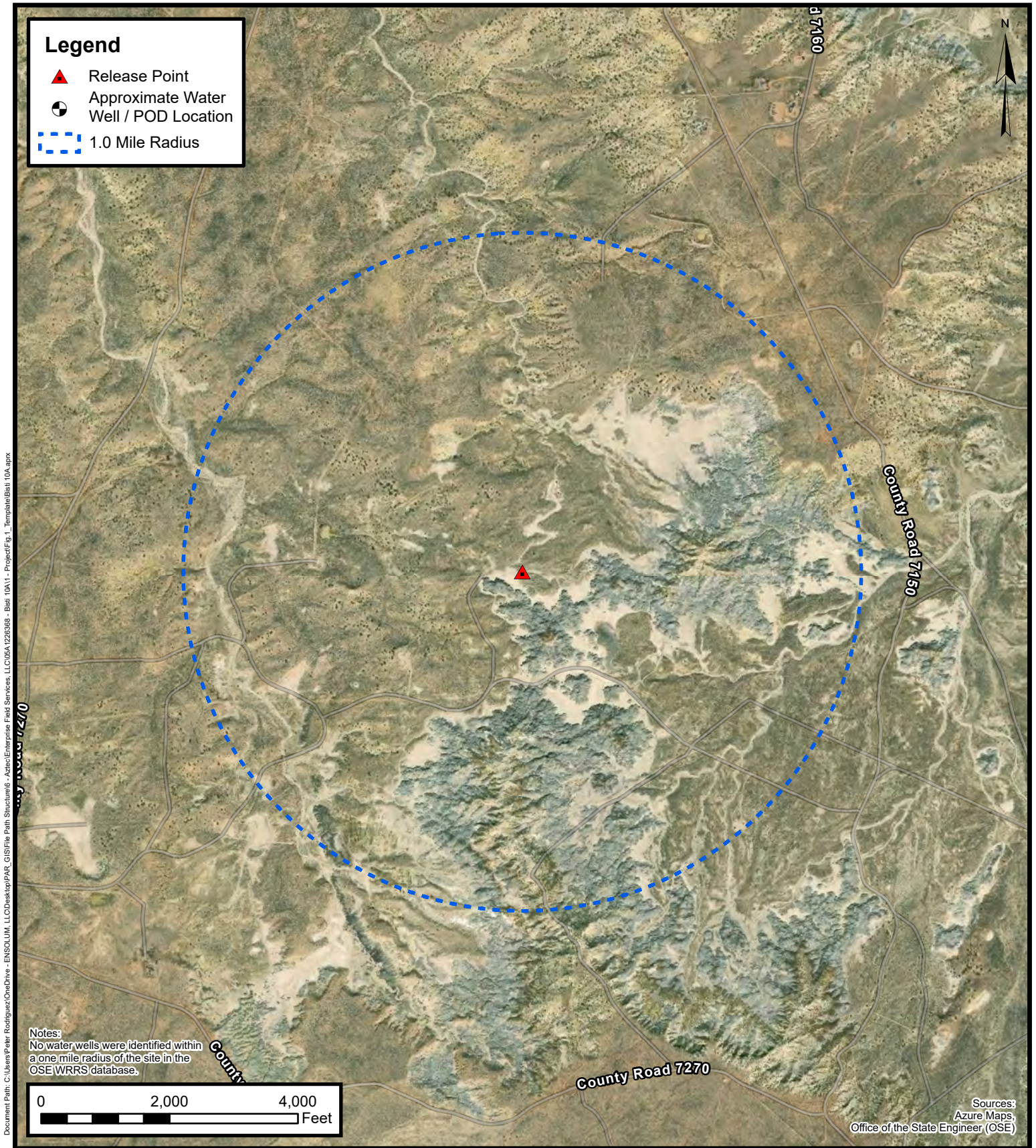




## APPENDIX B

### Siting Figures and Documentation

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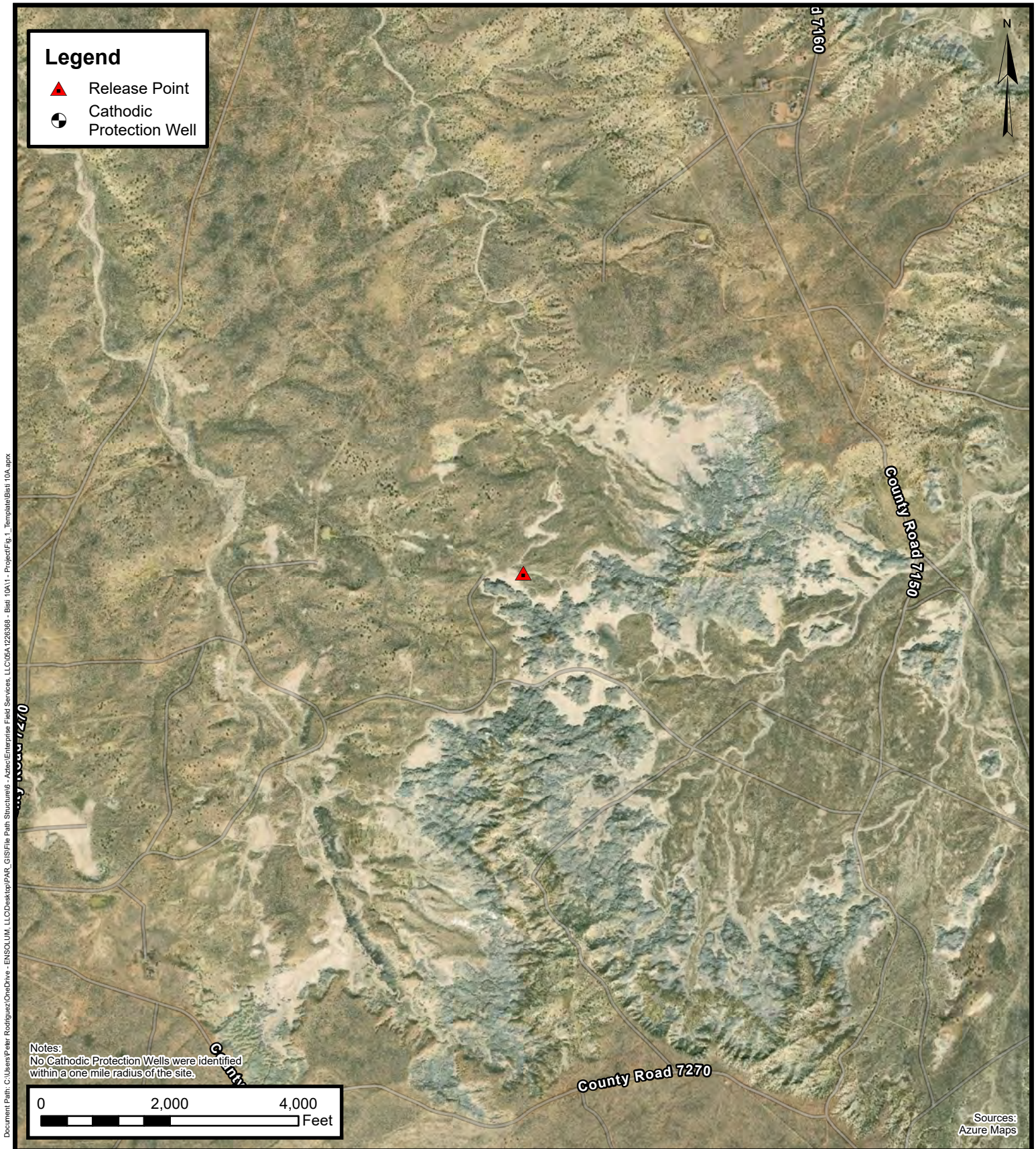
### 1.0 Mile Radius Water Well / POD Location Map

Enterprise Field Services, LLC  
Bisti 10A

Project Number: 05A1226368

Unit Letter E, S16 T25N R11W, San Juan County, New Mexico  
36.40258072, -108.01413665

**FIGURE**  
**A**



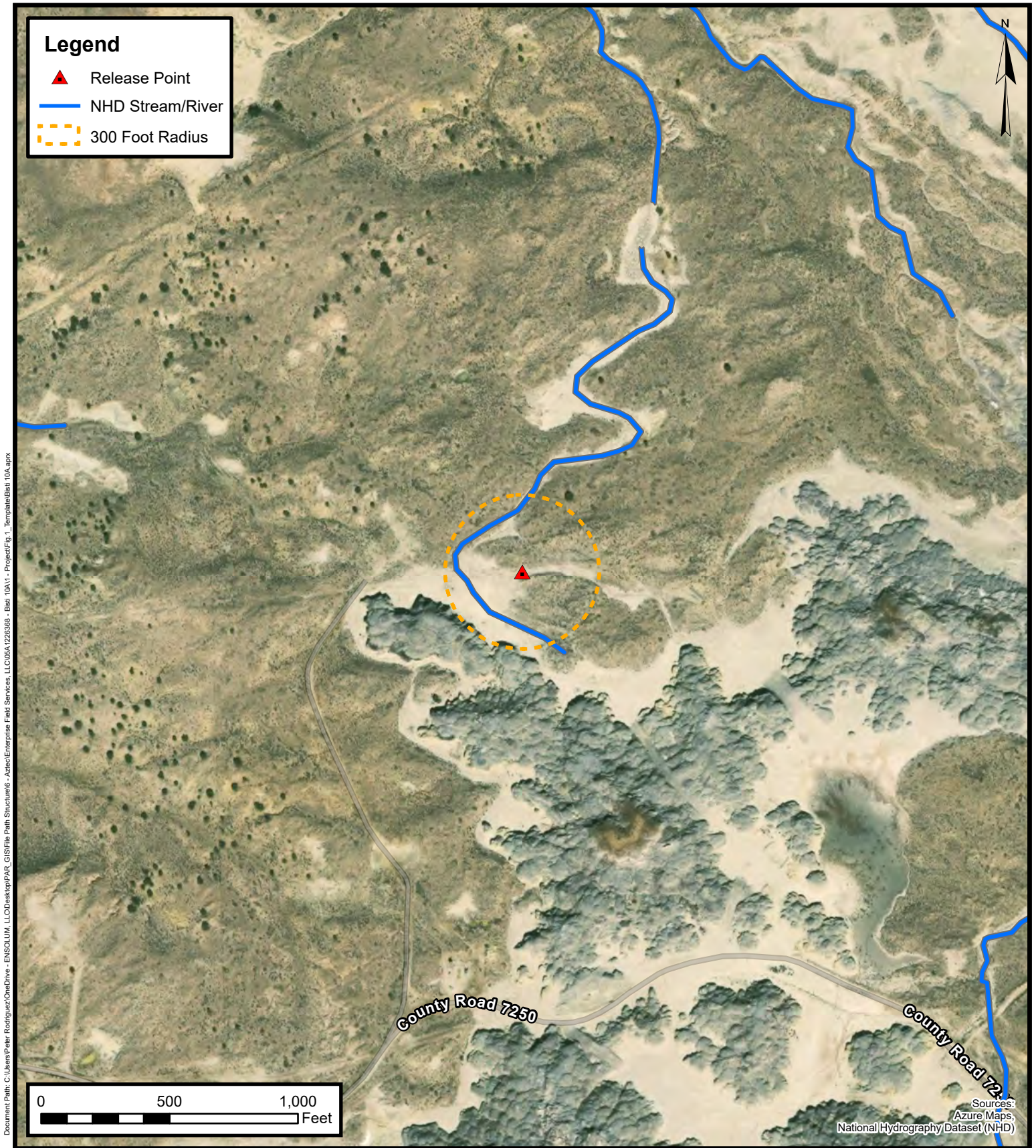
### Cathodic Protection Well Recorded Depth to Water

Enterprise Field Services, LLC  
Bisti 10A

Project Number: 05A1226368

Unit Letter E, S16 T25N R11W, San Juan County, New Mexico  
36.40258072, -108.01413665

**FIGURE  
B**



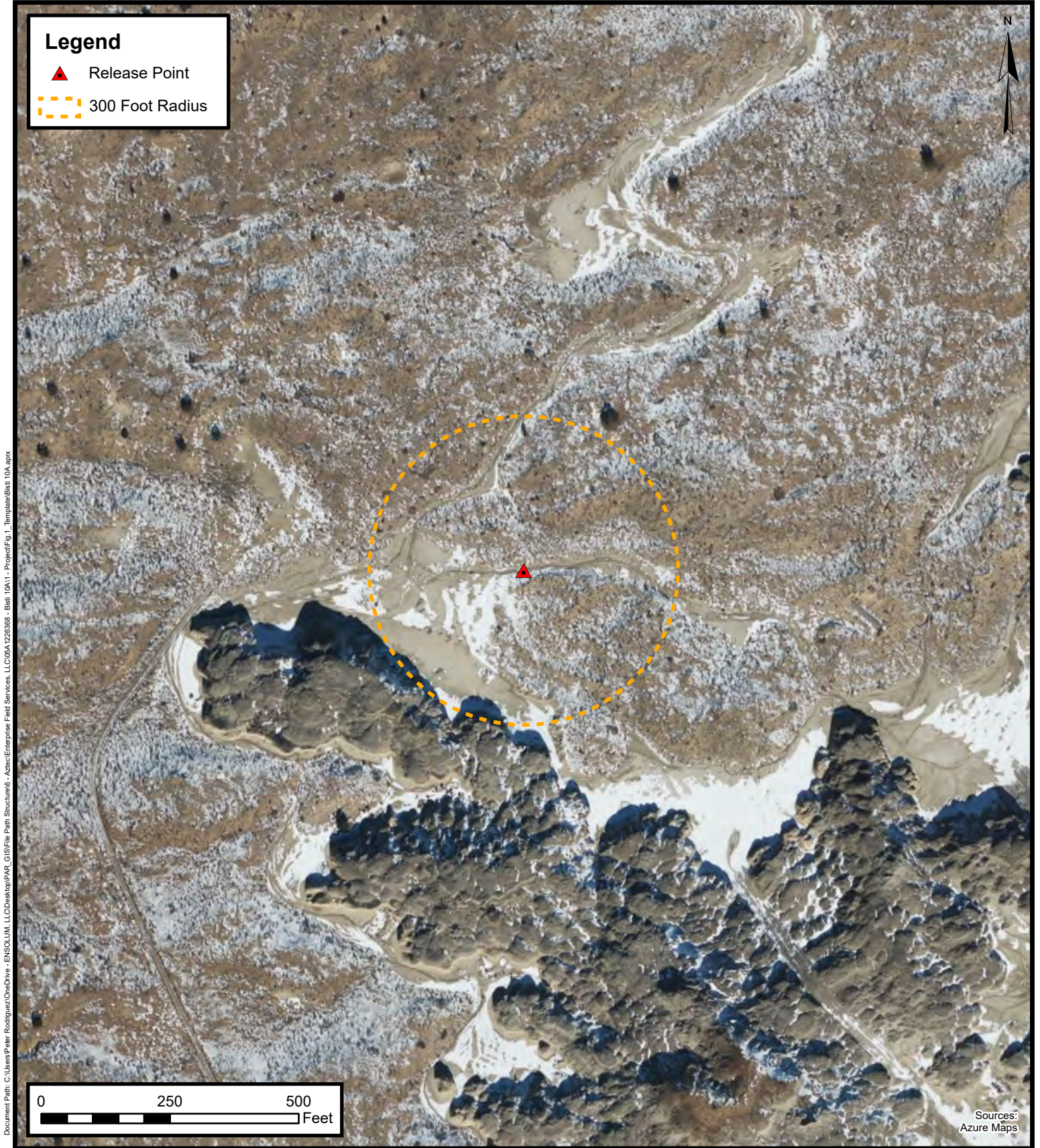
### 300 Foot Radius Watercourse and Drainage Identification

Enterprise Field Services, LLC  
Bisti 10A

Project Number: 05A1226368

Unit Letter E, S16 T25N R11W, San Juan County, New Mexico  
36.40258072, -108.01413665

FIGURE  
**C**



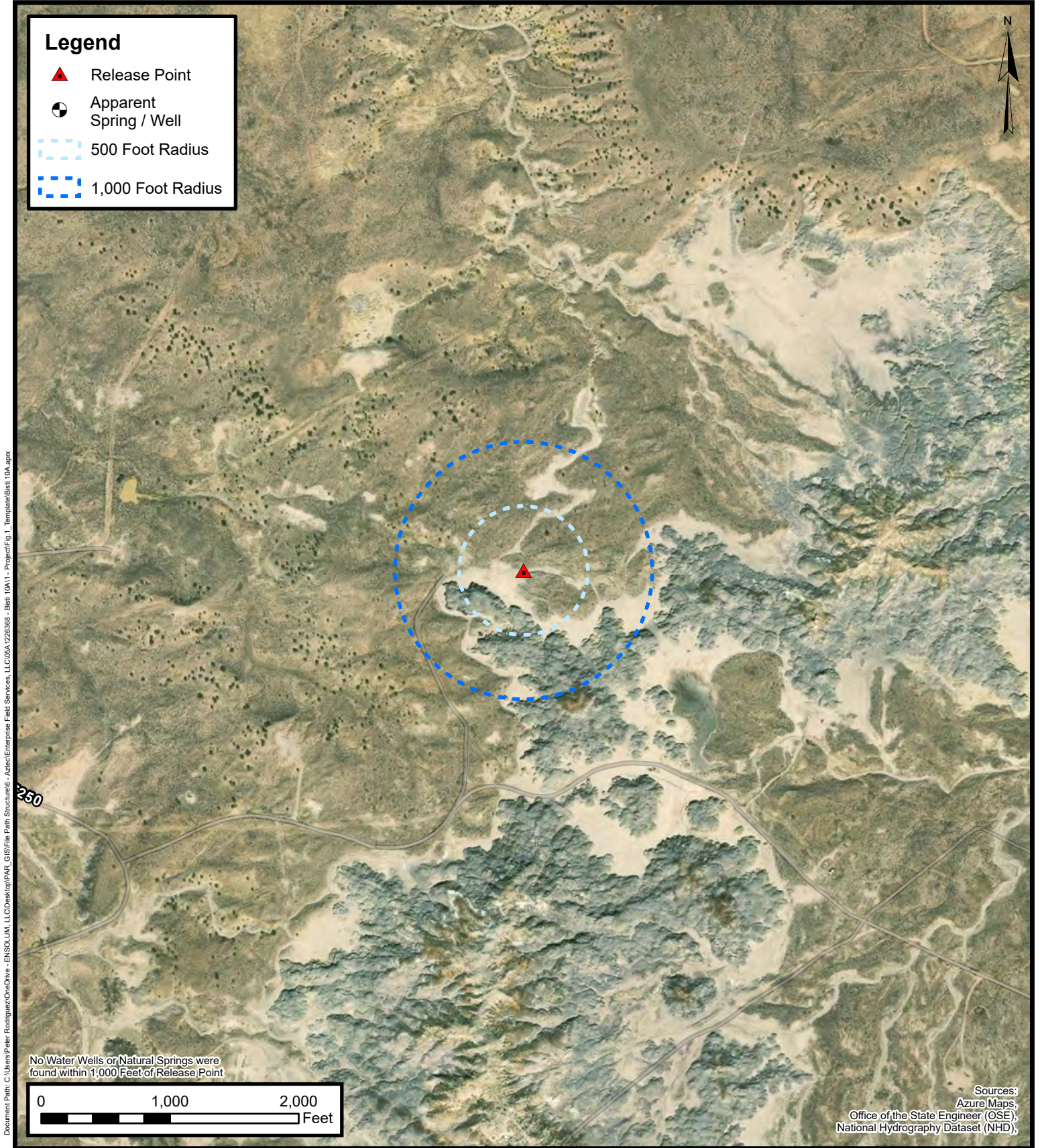
**300 Foot Radius Occupied  
Structure Identification**

Enterprise Field Services, LLC  
Bisti 10A

Project Number: 05A1226368

Unit Letter E, S16 T25N R11W, San Juan County, New Mexico  
36.40258072, -108.01413665

**FIGURE  
D**



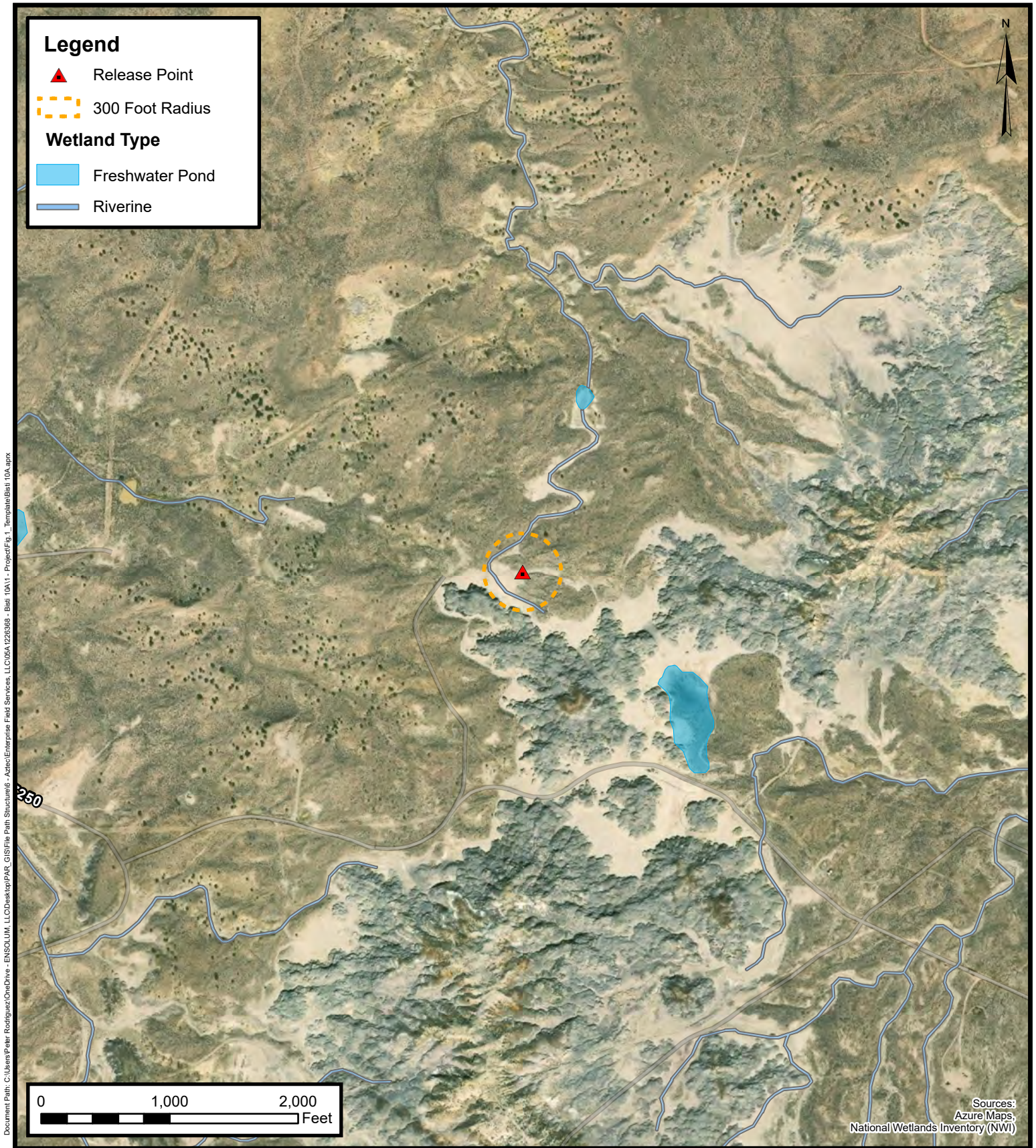
## Water Well and Natural Spring Location

Enterprise Field Services, LLC  
Bisti 10A

Project Number: 05A1226368

Unit Letter E, S16 T25N R11W, San Juan County, New Mexico  
36.40258072, -108.01413665

FIGURE  
**E**



## Wetlands

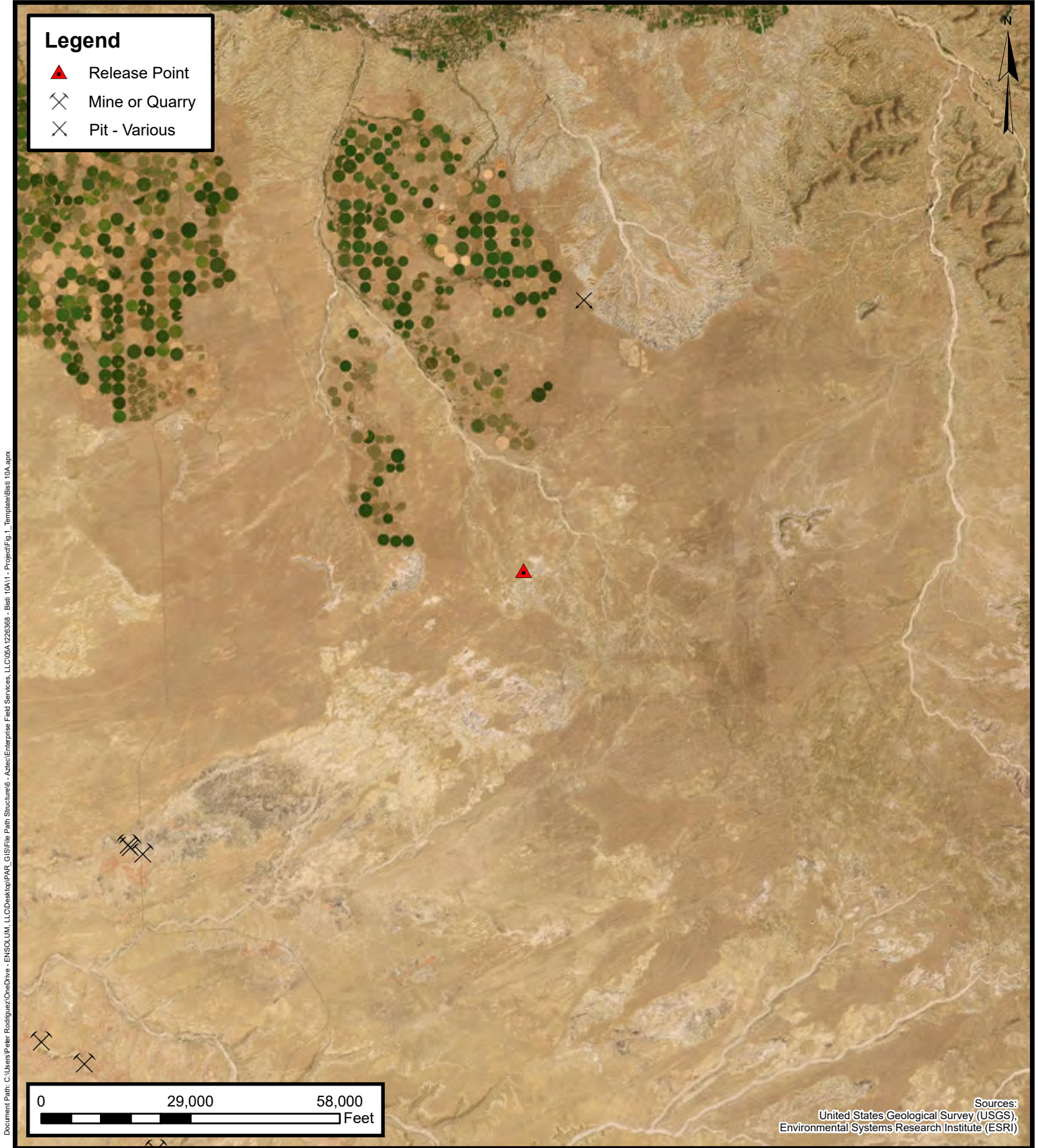
Enterprise Field Services, LLC  
Bisti 10A

Project Number: 05A1226368

Unit Letter E, S16 T25N R11W, San Juan County, New Mexico  
36.40258072, -108.01413665

FIGURE

F



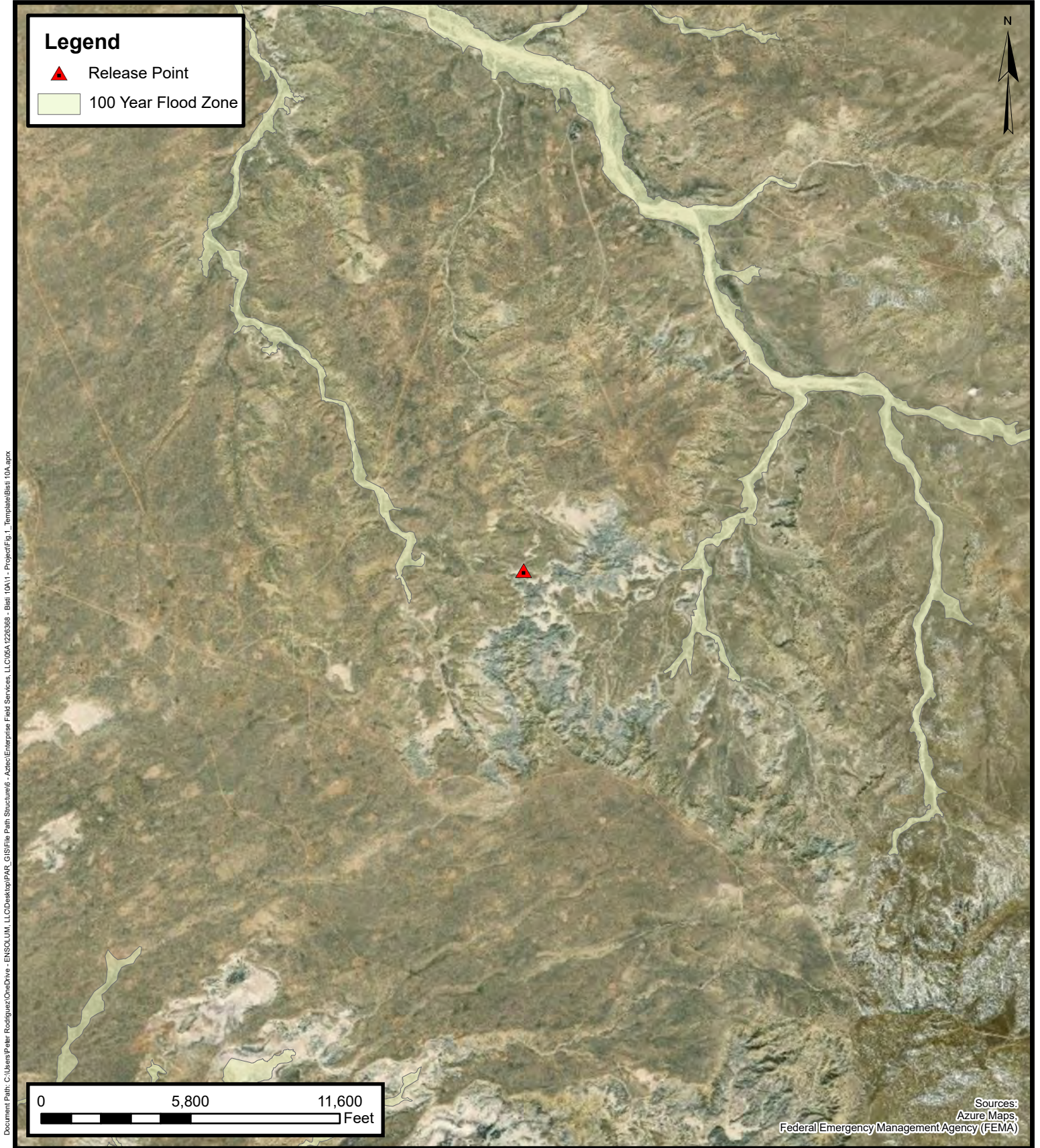
## Mines, Mills, and Quarries

Enterprise Field Services, LLC  
Bisti 10A

Project Number: 05A1226368

Unit Letter E, S16 T25N R11W, San Juan County, New Mexico  
36.40258072, -108.01413665

FIGURE  
**G**



## 100-Year Flood Plain Map

Enterprise Field Services, LLC  
Bisti 10A

Project Number: 05A1226368

Unit Letter E, S16 T25N R11W, San Juan County, New Mexico  
36.40258072, -108.01413665

FIGURE  
H



## APPENDIX C

### Executed C-138 Solid Waste Acceptance Form

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

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

Form C-138  
Revised 08/01/11

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

## REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Generator Name and Address: Enterprise Field Services, LLC, 614 Reilly Ave, Farmington NM 87401	PayKey: AM14058 PM: ME Eddleman AFE: N80974
2. Originating Site: Bisti 10A	
3. Location of Material (Street Address, City, State or ULSTR): UL F Section 16 T25N R11W; 36.402581, -108.014137	
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 <u>50</u> yd <sup>3</sup> / bbls Known Volume (to be entered by the operator at the end of the haul) <u>208</u> yd <sup>3</sup> bbls	

### 5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS

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

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

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

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

### GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS

I, Thomas Long *Thomas Long* 5-12-2025, representative for Enterprise Products Operating authorizes Envirotech, Inc. to complete  
**Generator Signature**  
 the required testing/sign the Generator Waste Testing Certification.

I, Grey 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: West States Energy 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: Grey Crabtree

SIGNATURE: *Grey Crabtree*

Surface Waste Management Facility Authorized Agent

TITLE: Enviro Manager

TELEPHONE NO.:

505-632-0615

DATE: 5/15/25



## APPENDIX D

# Photographic Documentation

## SITE PHOTOGRAPHS

Enterprise Field Services, LLC  
Closure Report  
Bisti 10A Pipeline Release  
Ensolum Project No. 05A12263368

**Photograph 1**

Photograph Description: View of the excavation with stormwater runoff present.

**Photograph 2**

Photograph Description: View of the excavation with stormwater runoff present.

**Photograph 3**

Photograph Description: View of the excavation with stormwater runoff present.





## APPENDIX E

# Regulatory Correspondence

**From:** [Long, Thomas](#)  
**To:** [Kyle Summers](#)  
**Subject:** FW: [EXTERNAL] Bisti 10A - UL F Section 16 T25N R11W; 36.402581, -108.014137; NMOCD Incident Number nAPP2513661030  
**Date:** Tuesday, August 12, 2025 11:43:21 AM  
**Attachments:** [image002.png](#)

---

[ \*\*EXTERNAL EMAIL\*\* ]

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



---

**From:** Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>  
**Sent:** Tuesday, August 12, 2025 10:16 AM  
**To:** Long, Thomas <tjlong@eprod.com>  
**Cc:** Stone, Brian <bmstone@eprod.com>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>  
**Subject:** RE: [EXTERNAL] Bisti 10A - UL F Section 16 T25N R11W; 36.402581, -108.014137; NMOCD Incident Number nAPP2513661030

[Use caution with links/attachments]

Good morning Tom,

The extension request for NAPP2513661030 BISTI 10A is approved. The new due date to submit your closure report to the OCD is September 15, 2025. Please include a copy of this and all notifications in the closure report to ensure the notifications are documented in the project file.

Kind regards,

Shelly

**Shelly Wells** \* Environmental Specialist-Advanced  
Environmental Bureau

EMNRD-Oil Conservation Division  
1220 S. St. Francis Drive|Santa Fe, NM 87505  
(505)469-7520 [Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>

---

**From:** Velez, Nelson, EMNRD <[Nelson.Velez@emnrd.nm.gov](mailto:Nelson.Velez@emnrd.nm.gov)>  
**Sent:** Tuesday, August 12, 2025 10:04 AM  
**To:** Long, Thomas <[tjlong@eprod.com](mailto:tjlong@eprod.com)>  
**Cc:** Stone, Brian <[bmstone@eprod.com](mailto:bmstone@eprod.com)>; Wells, Shelly, EMNRD <[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)>  
**Subject:** Re: [EXTERNAL] Bisti 10A - UL F Section 16 T25N R11W; 36.402581, -108.014137; NMOCD Incident Number nAPP2513661030

Good morning Tom,

Thanks for the correspondence. Shelly Wells has been assigned to this incident. I have included her in this email thread.

Shelly, if you would, please assist Tom with his request below. Thank you.

Y'all have a safe and productive day!

Regards,

**Nelson Velez** • Environmental Specialist - Adv  
Environmental Bureau | EMNRD - Oil Conservation Division  
1000 Rio Brazos Road | Aztec, NM 87410  
(505) 469-6146 | [nelson.velez@emnrd.nm.gov](mailto:nelson.velez@emnrd.nm.gov)  
<http://www.emnrd.nm.gov/ocd>



---

**From:** Long, Thomas <[tjlong@eprod.com](mailto:tjlong@eprod.com)>  
**Sent:** Tuesday, August 12, 2025 8:15 AM  
**To:** Velez, Nelson, EMNRD <[Nelson.Velez@emnrd.nm.gov](mailto:Nelson.Velez@emnrd.nm.gov)>  
**Cc:** Stone, Brian <[bmstone@eprod.com](mailto:bmstone@eprod.com)>  
**Subject:** [EXTERNAL] Bisti 10A - UL F Section 16 T25N R11W; 36.402581, -108.014137; NMOCD Incident Number nAPP2513661030

**CAUTION:** This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Nelson,

Enterprise requests variance for the 90-day closure report submittal. The original due date for the closure report submittal is August 14, 2025. Enterprise requests time extension of an additional **30 days** for a new submittal due date of September 15, 2025. Remediation of the release is complete. The third-party contractor is finalizing the closure report in the near future. Enterprise requires additional time for internal report review of the closure report. Please acknowledge acceptance of this variance request. If you have any questions, please call or email.

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



---

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

**From:** [Craun, James \(Nolan\)](#)  
**To:** [Long, Thomas](#); [Velez, Nelson, EMNRD](#)  
**Cc:** [Stone, Brian](#); [Falcomata, Julianna](#); [Cowan, Philip](#); [Kyle Summers](#)  
**Subject:** Re: [EXTERNAL] Bisti 10A - UL F Section 16 T25N R11W; 36.402581, -108.014137; NMOD Incident # nAPP2513661030  
**Date:** Friday, May 16, 2025 5:09:41 PM

You don't often get email from jkraun@blm.gov. [Learn why this is important](#)

[\*\*EXTERNAL EMAIL\*\*]

Thank you Thomas. BLM does not have any concerns with this; please await for EMNRD's response.

Best,

Nolan

---

**J. Nolan Craun**

Supervisory Realty Specialist  
Farmington Field Office  
Office: (505) 564-7775  
Cell: (505) 444-1704  
Email: jkraun@blm.gov

---

**From:** Long, Thomas <tjlong@eprod.com>  
**Sent:** Friday, May 16, 2025 17:05  
**To:** Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; Craun, James (Nolan) <jkraun@blm.gov>  
**Cc:** Stone, Brian <bmstone@eprod.com>; Falcomata, Julianna <JRFalcomata@eprod.com>; Cowan, Philip <plcowan@eprod.com>; Kyle Summers <ksummers@ensolum.com>  
**Subject:** [EXTERNAL] Bisti 10A - UL F Section 16 T25N R11W; 36.402581, -108.014137; NMOD Incident # nAPP2513661030

**This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.**

Nelson,

This email is a notification and a variance request. Enterprise is requesting a variance for required 48 hour notification per 19.15.29.12D (1a) NMAC. Enterprise would like to collect soil samples for laboratory analysis on May 19, 2025 at 2:00 p.m. at the Bisti 10A excavation. Please acknowledge acceptance of this variance request. If you have any questions, please

call or email.

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



---

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**From:** [OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us)  
**To:** [Long, Thomas](#)  
**Subject:** [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 473909  
**Date:** Friday, June 13, 2025 7:49:38 AM

---

[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#) nAPP2513661030.

The sampling event is expected to take place:

**When:** 06/17/2025 @ 09:00

**Where:** F-16-25N-11W 0 FNL 0 FEL (36.402581,-108.014137)

**Additional Information:** Ensolum, LLC

**Additional Instructions:** 36.402581,-108.014137

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

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

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

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

**From:** [Velez, Nelson, EMNRD](#)  
**To:** [Falcomata, Julianna](#); [jcraun@blm.gov](mailto:jcraun@blm.gov)  
**Cc:** [Long, Thomas](#); [Cowan, Philip](#); [Stone, Brian](#); [Kyle Summers](#); [Hall, Brittany, EMNRD](#)  
**Subject:** Re: [EXTERNAL] Bisti 10A - UL F Section 16 T25N R11W; 36.402581, -108.014137; NMOD Incident # nAPP2513661030  
**Date:** Monday, May 19, 2025 2:34:21 PM  
**Attachments:** [image001.png](#)  
[Outlook-ta2o3r1e.png](#)

---

[ \*\*EXTERNAL EMAIL\*\* ]

Good afternoon Julianna,

Thank you for the notice. Your variance request specifically addressing 19.15.29.12D (1a) NMAC is approved.

If an OCD representative is not on-site on the date &/or time given, please sample per 19.15.29 NMAC or from an OCD pre-approved sampling plan. For whatever reason, if the sampling timeframe is altered, please notify the OCD as soon as possible so we may adjust our schedule(s). Failure to notify the OCD of this change may result in the closure sample(s) not being accepted.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence related to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Regards,

**Nelson Velez** • Environmental Specialist - Adv  
Environmental Bureau | EMNRD - Oil Conservation Division  
1000 Rio Brazos Road | Aztec, NM 87410  
(505) 469-6146 | [nelson.velez@emnrd.nm.gov](mailto:nelson.velez@emnrd.nm.gov)  
<http://www.emnrd.nm.gov/oecd>



**From:** Falcomata, Julianna <JRFalcomata@eprod.com>  
**Sent:** Monday, May 19, 2025 9:27 AM  
**To:** Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; jcraun@blm.gov <jcraun@blm.gov>  
**Cc:** Long, Thomas <tjlong@eprod.com>; Cowan, Philip <plcowan@eprod.com>; Stone, Brian <bmstone@eprod.com>; Kyle Summers <ksummers@ensolum.com>  
**Subject:** [EXTERNAL] Bisti 10A - UL F Section 16 T25N R11W; 36.402581, -108.014137; NMOD Incident # nAPP2513661030

**CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.**

Good Morning Nelson,

This email is a notification and a variance request. Enterprise is requesting a variance for required 48 hour notification per 19.15.29.12D (1a) NMAC. Enterprise would like to collect soil samples for laboratory analysis on May 20, 2025 at 1:00 p.m. at the Bisti 10A excavation. Previous scheduled sampling had to be postponed due to a recent rainstorm. Please acknowledge acceptance of this variance request. If you have any questions, please call or email.

Thank you!

Julianna Falcomata  
Field Environmental Scientist  
3008 E Greene St, Carlsbad, NM 88220  
Mobile: (575) 266-1904  
[jrfalcomata@eprod.com](mailto:jrfalcomata@eprod.com)



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## APPENDIX F

### Table 1 – Soil Analytical Summary

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<b>TABLE 1</b> <b>Bisti 10A</b> <b>SOIL ANALYTICAL SUMMARY</b>													
Sample I.D.	Date	Sample Type	Sample Depth	Benzene	Ethylbenzene	Toluene	Xylenes	Total BTEX <sup>1</sup>	TPH GRO	TPH DRO	TPH MRO	Total Combined TPH (GRO/DRO/MRO) <sup>1</sup>	Chloride
		C- Composite G - Grab	(feet)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
New Mexico Energy, Mineral & Natural Resources Department Oil Conservation Division Closure Criteria (Tier I)				10	NE	NE	NE	50	NE	NE	NE	100	600
Composite Soil Samples Removed by Excavation													
S-2	05.20.25	C	0 to 7	<0.018	<0.036	<0.036	<0.072	ND	<3.6	48	84	130	210
Excavation Composite Soil Samples													
S-1	05.20.25	C	6 to 7	<0.024	<0.048	<0.048	<0.096	ND	<4.8	11	<49	11	400
S-3	05.20.25	C	0 to 6	<0.018	<0.036	<0.036	<0.073	ND	<3.6	<9.4	<47	ND	190
S-4	05.20.25	C	0 to 7	<0.020	<0.041	<0.041	<0.081	ND	<4.1	<9.5	<48	ND	<60
S-5	05.20.25	C	0 to 7	<0.018	<0.036	<0.036	<0.072	ND	<3.6	<9.5	<47	ND	<60
S-6	6.17.25	C	0 to 7	<0.019	<0.037	<0.037	<0.074	ND	<3.7	<10	<50	ND	<60
S-7	6.17.25	C	0 to 7	<0.023	<0.045	<0.045	<0.091	ND	<4.5	<9.9	<49	ND	<60
Backfill Composite Soil Sample													
BF-1	05.20.25	C	BF	<0.016	<0.032	<0.032	<0.066	ND	<3.2	<9.1	<46	ND	<60

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

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

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

NE = Not established

mg/kg = milligrams per kilogram

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes

TPH = Total Petroleum Hydrocarbons

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

MRO = Motor Oil/Lube Oil Range Organics

BF = Backfill sample



## APPENDIX G

### Laboratory Data Sheets & Chain of Custody Documentation

---



Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

Attn: Kyle Summers  
Ensolum  
606 S Rio Grande  
Suite A  
Aztec, New Mexico 87410  
Generated 5/22/2025 2:43:34 PM

## JOB DESCRIPTION

Bisti 10A

## JOB NUMBER

885-25264-1

Eurofins Albuquerque  
4901 Hawkins NE  
Albuquerque NM 87109

# Eurofins Albuquerque

## Job Notes

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

## Authorization



Generated  
5/22/2025 2:43:34 PM

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

Client: Ensolum  
Project/Site: Bisti 10A

Laboratory Job ID: 885-25264-1

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## Definitions/Glossary

Client: Ensolum  
Project/Site: Bisti 10A

Job ID: 885-25264-1

## Glossary

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

Case Narrative

Client: Ensolum  
Project: Bisti 10A

Job ID: 885-25264-1

Job ID: 885-25264-1Eurofins Albuquerque

Job Narrative  
885-25264-1

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

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

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

Receipt

The samples were received on 5/21/2025 6:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.5°C.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

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

HPLC/IC

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

Eurofins Albuquerque

Client Sample Results

Client: Ensolum  
Project/Site: Bisti 10A

Job ID: 885-25264-1

Client Sample ID: S-1  
Date Collected: 05/20/25 13:00  
Date Received: 05/21/25 06:35

Lab Sample ID: 885-25264-1  
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		05/21/25 08:30	05/21/25 11:26		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	101		15 - 150			05/21/25 08:30	05/21/25 11:26		1
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.024	mg/Kg		05/21/25 08:30	05/21/25 11:26		1
Ethylbenzene	ND		0.048	mg/Kg		05/21/25 08:30	05/21/25 11:26		1
Toluene	ND		0.048	mg/Kg		05/21/25 08:30	05/21/25 11:26		1
Xylenes, Total	ND		0.096	mg/Kg		05/21/25 08:30	05/21/25 11:26		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	93		15 - 150			05/21/25 08:30	05/21/25 11:26		1
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	11		9.8	mg/Kg		05/21/25 09:56	05/21/25 11:36		1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		05/21/25 09:56	05/21/25 11:36		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	118		62 - 134			05/21/25 09:56	05/21/25 11:36		1
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	400		60	mg/Kg		05/21/25 10:38	05/21/25 11:59		20

## Client Sample Results

Client: Ensolum  
Project/Site: Bisti 10A

Job ID: 885-25264-1

Client Sample ID: S-2

Lab Sample ID: 885-25264-2

Date Collected: 05/20/25 13:05

Matrix: Solid

Date Received: 05/21/25 06:35

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.6	mg/Kg		05/21/25 08:30	05/21/25 11:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150			05/21/25 08:30	05/21/25 11:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		05/21/25 08:30	05/21/25 11:48	1
Ethylbenzene	ND		0.036	mg/Kg		05/21/25 08:30	05/21/25 11:48	1
Toluene	ND		0.036	mg/Kg		05/21/25 08:30	05/21/25 11:48	1
Xylenes, Total	ND		0.072	mg/Kg		05/21/25 08:30	05/21/25 11:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			05/21/25 08:30	05/21/25 11:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	48		9.9	mg/Kg		05/21/25 09:56	05/21/25 11:47	1
Motor Oil Range Organics [C28-C40]	84		50	mg/Kg		05/21/25 09:56	05/21/25 11:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	122		62 - 134			05/21/25 09:56	05/21/25 11:47	1
Di-n-octyl phthalate (Surr)	115		62 - 134			05/22/25 07:16	05/22/25 11:53	1

## Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	210		60	mg/Kg		05/21/25 10:38	05/21/25 12:10	20

Eurofins Albuquerque

## Client Sample Results

Client: Ensolum  
Project/Site: Bisti 10A

Job ID: 885-25264-1

Client Sample ID: S-3

Lab Sample ID: 885-25264-3

Date Collected: 05/20/25 13:10

Matrix: Solid

Date Received: 05/21/25 06:35

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.6	mg/Kg		05/21/25 08:30	05/21/25 12:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		15 - 150			05/21/25 08:30	05/21/25 12:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		05/21/25 08:30	05/21/25 12:10	1
Ethylbenzene	ND		0.036	mg/Kg		05/21/25 08:30	05/21/25 12:10	1
Toluene	ND		0.036	mg/Kg		05/21/25 08:30	05/21/25 12:10	1
Xylenes, Total	ND		0.073	mg/Kg		05/21/25 08:30	05/21/25 12:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			05/21/25 08:30	05/21/25 12:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		05/21/25 09:56	05/21/25 11:58	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		05/21/25 09:56	05/21/25 11:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	119		62 - 134			05/21/25 09:56	05/21/25 11:58	1
Di-n-octyl phthalate (Surr)	114		62 - 134			05/22/25 07:16	05/22/25 12:04	1

## Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	190		60	mg/Kg		05/21/25 10:38	05/21/25 12:20	20

Eurofins Albuquerque

## Client Sample Results

Client: Ensolum  
Project/Site: Bisti 10A

Job ID: 885-25264-1

Client Sample ID: S-4

Lab Sample ID: 885-25264-4

Date Collected: 05/20/25 13:15

Matrix: Solid

Date Received: 05/21/25 06:35

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.1	mg/Kg		05/21/25 08:30	05/21/25 12:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		15 - 150			05/21/25 08:30	05/21/25 12:31	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020	mg/Kg		05/21/25 08:30	05/21/25 12:31	1
Ethylbenzene	ND		0.041	mg/Kg		05/21/25 08:30	05/21/25 12:31	1
Toluene	ND		0.041	mg/Kg		05/21/25 08:30	05/21/25 12:31	1
Xylenes, Total	ND		0.081	mg/Kg		05/21/25 08:30	05/21/25 12:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			05/21/25 08:30	05/21/25 12:31	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		9.5	mg/Kg		05/21/25 09:56	05/21/25 12:09	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		05/21/25 09:56	05/21/25 12:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	122		62 - 134			05/21/25 09:56	05/21/25 12:09	1

## Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		05/21/25 10:38	05/21/25 12:30	20

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Client Sample Results

Client: Ensolum  
Project/Site: Bisti 10A

Job ID: 885-25264-1

Client Sample ID: S-5  
Date Collected: 05/20/25 13:20  
Date Received: 05/21/25 06:35

Lab Sample ID: 885-25264-5  
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics [C6 - C10]	ND		3.6	mg/Kg		05/21/25 08:30	05/21/25 12:53		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	101		15 - 150			05/21/25 08:30	05/21/25 12:53		1
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.018	mg/Kg		05/21/25 08:30	05/21/25 12:53		1
Ethylbenzene	ND		0.036	mg/Kg		05/21/25 08:30	05/21/25 12:53		1
Toluene	ND		0.036	mg/Kg		05/21/25 08:30	05/21/25 12:53		1
Xylenes, Total	ND		0.072	mg/Kg		05/21/25 08:30	05/21/25 12:53		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	95		15 - 150			05/21/25 08:30	05/21/25 12:53		1
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		05/21/25 09:56	05/21/25 12:19		1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		05/21/25 09:56	05/21/25 12:19		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	123		62 - 134			05/21/25 09:56	05/21/25 12:19		1
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		60	mg/Kg		05/21/25 10:38	05/21/25 12:41		20

Client Sample Results

Client: Ensolum  
Project/Site: Bisti 10A

Job ID: 885-25264-1

Client Sample ID: BF-1  
Date Collected: 05/20/25 13:25  
Date Received: 05/21/25 06:35

Lab Sample ID: 885-25264-6  
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics [C6 - C10]	ND		3.2	mg/Kg		05/21/25 08:30	05/21/25 13:15		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	97		15 - 150			05/21/25 08:30	05/21/25 13:15		1
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.016	mg/Kg		05/21/25 08:30	05/21/25 13:15		1
Ethylbenzene	ND		0.032	mg/Kg		05/21/25 08:30	05/21/25 13:15		1
Toluene	ND		0.032	mg/Kg		05/21/25 08:30	05/21/25 13:15		1
Xylenes, Total	ND		0.065	mg/Kg		05/21/25 08:30	05/21/25 13:15		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	90		15 - 150			05/21/25 08:30	05/21/25 13:15		1
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.1	mg/Kg		05/21/25 09:56	05/21/25 11:18		1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		05/21/25 09:56	05/21/25 11:18		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	105		62 - 134			05/21/25 09:56	05/21/25 11:18		1
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		60	mg/Kg		05/21/25 10:38	05/21/25 12:51		20

## QC Sample Results

Client: Ensolum  
Project/Site: Bisti 10A

Job ID: 885-25264-1

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

Lab Sample ID: MB 885-26615/1-A

Matrix: Solid

Analysis Batch: 26625

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26615

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		05/21/25 08:30	05/21/25 11:04	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		15 - 150			05/21/25 08:30	05/21/25 11:04	1

Lab Sample ID: LCS 885-26615/2-A

Matrix: Solid

Analysis Batch: 26625

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26615

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics [C6 - C10]	25.0	23.1		mg/Kg		92	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
4-Bromofluorobenzene (Surr)	212		15 - 150					

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

Lab Sample ID: MB 885-26615/1-A

Matrix: Solid

Analysis Batch: 26626

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26615

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/21/25 08:30	05/21/25 11:04	1
Ethylbenzene	ND		0.050	mg/Kg		05/21/25 08:30	05/21/25 11:04	1
Toluene	ND		0.050	mg/Kg		05/21/25 08:30	05/21/25 11:04	1
Xylenes, Total	ND		0.10	mg/Kg		05/21/25 08:30	05/21/25 11:04	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			05/21/25 08:30	05/21/25 11:04	1

Lab Sample ID: LCS 885-26615/3-A

Matrix: Solid

Analysis Batch: 26626

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26615

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	1.00	0.884		mg/Kg		88	70 - 130	
Ethylbenzene	1.00	0.911		mg/Kg		91	70 - 130	
Toluene	1.00	0.876		mg/Kg		88	70 - 130	
Xylenes, Total	3.00	2.73		mg/Kg		91	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
4-Bromofluorobenzene (Surr)	99		15 - 150					

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## QC Sample Results

Client: Ensolum  
Project/Site: Bisti 10A

Job ID: 885-25264-1

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

Lab Sample ID: MB 885-26633/1-A

Matrix: Solid

Analysis Batch: 26617

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26633

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		05/21/25 09:56	05/21/25 11:15	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		05/21/25 09:56	05/21/25 11:15	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	109		62 - 134			05/21/25 09:56	05/21/25 11:15	1

Lab Sample ID: LCS 885-26633/2-A

Matrix: Solid

Analysis Batch: 26617

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26633

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	52.3		mg/Kg		105	51 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	107		62 - 134				

Lab Sample ID: MB 885-26722/1-A

Matrix: Solid

Analysis Batch: 26728

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26722

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		05/22/25 07:16	05/22/25 11:31	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		05/22/25 07:16	05/22/25 11:31	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	105		62 - 134			05/22/25 07:16	05/22/25 11:31	1

Lab Sample ID: LCS 885-26722/2-A

Matrix: Solid

Analysis Batch: 26728

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26722

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	52.0		mg/Kg		104	51 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	103		62 - 134				

## Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-26637/1-A

Matrix: Solid

Analysis Batch: 26642

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26637

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5	mg/Kg		05/21/25 10:38	05/21/25 11:39	1

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QC Sample Results

Client: Ensolum  
Project/Site: Bisti 10A

Job ID: 885-25264-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-26637/2-A				Client Sample ID: Lab Control Sample			
Matrix: Solid				Prep Type: Total/NA			
Analysis Batch: 26642				Prep Batch: 26637			
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	15.0	14.6		mg/Kg		97	90 - 110

QC Association Summary

Client: Ensolum  
Project/Site: Bisti 10A

Job ID: 885-25264-1

GC VOA

Prep Batch: 26615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25264-1	S-1	Total/NA	Solid	5035	
885-25264-2	S-2	Total/NA	Solid	5035	
885-25264-3	S-3	Total/NA	Solid	5035	
885-25264-4	S-4	Total/NA	Solid	5035	
885-25264-5	S-5	Total/NA	Solid	5035	
885-25264-6	BF-1	Total/NA	Solid	5035	
MB 885-26615/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-26615/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-26615/3-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 26625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25264-1	S-1	Total/NA	Solid	8015M/D	26615
885-25264-2	S-2	Total/NA	Solid	8015M/D	26615
885-25264-3	S-3	Total/NA	Solid	8015M/D	26615
885-25264-4	S-4	Total/NA	Solid	8015M/D	26615
885-25264-5	S-5	Total/NA	Solid	8015M/D	26615
885-25264-6	BF-1	Total/NA	Solid	8015M/D	26615
MB 885-26615/1-A	Method Blank	Total/NA	Solid	8015M/D	26615
LCS 885-26615/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	26615

Analysis Batch: 26626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25264-1	S-1	Total/NA	Solid	8021B	26615
885-25264-2	S-2	Total/NA	Solid	8021B	26615
885-25264-3	S-3	Total/NA	Solid	8021B	26615
885-25264-4	S-4	Total/NA	Solid	8021B	26615
885-25264-5	S-5	Total/NA	Solid	8021B	26615
885-25264-6	BF-1	Total/NA	Solid	8021B	26615
MB 885-26615/1-A	Method Blank	Total/NA	Solid	8021B	26615
LCS 885-26615/3-A	Lab Control Sample	Total/NA	Solid	8021B	26615

GC Semi VOA

Analysis Batch: 26617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25264-1	S-1	Total/NA	Solid	8015M/D	26633
885-25264-2	S-2	Total/NA	Solid	8015M/D	26633
885-25264-3	S-3	Total/NA	Solid	8015M/D	26633
885-25264-4	S-4	Total/NA	Solid	8015M/D	26633
885-25264-5	S-5	Total/NA	Solid	8015M/D	26633
MB 885-26633/1-A	Method Blank	Total/NA	Solid	8015M/D	26633
LCS 885-26633/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	26633

Analysis Batch: 26618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25264-6	BF-1	Total/NA	Solid	8015M/D	26633

Prep Batch: 26633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25264-1	S-1	Total/NA	Solid	SHAKE	

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QC Association Summary

Client: Ensolum  
Project/Site: Bisti 10A

Job ID: 885-25264-1

GC Semi VOA (Continued)

Prep Batch: 26633 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25264-2	S-2	Total/NA	Solid	SHAKE	
885-25264-3	S-3	Total/NA	Solid	SHAKE	
885-25264-4	S-4	Total/NA	Solid	SHAKE	
885-25264-5	S-5	Total/NA	Solid	SHAKE	
885-25264-6	BF-1	Total/NA	Solid	SHAKE	
MB 885-26633/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-26633/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Prep Batch: 26722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25264-2	S-2	Total/NA	Solid	SHAKE	
885-25264-3	S-3	Total/NA	Solid	SHAKE	
MB 885-26722/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-26722/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 26728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25264-2	S-2	Total/NA	Solid	8015M/D	26722
885-25264-3	S-3	Total/NA	Solid	8015M/D	26722
MB 885-26722/1-A	Method Blank	Total/NA	Solid	8015M/D	26722
LCS 885-26722/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	26722

HPLC/IC

Prep Batch: 26637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25264-1	S-1	Total/NA	Solid	300_Prep	
885-25264-2	S-2	Total/NA	Solid	300_Prep	
885-25264-3	S-3	Total/NA	Solid	300_Prep	
885-25264-4	S-4	Total/NA	Solid	300_Prep	
885-25264-5	S-5	Total/NA	Solid	300_Prep	
885-25264-6	BF-1	Total/NA	Solid	300_Prep	
MB 885-26637/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-26637/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 26642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25264-1	S-1	Total/NA	Solid	300.0	26637
885-25264-2	S-2	Total/NA	Solid	300.0	26637
885-25264-3	S-3	Total/NA	Solid	300.0	26637
885-25264-4	S-4	Total/NA	Solid	300.0	26637
885-25264-5	S-5	Total/NA	Solid	300.0	26637
885-25264-6	BF-1	Total/NA	Solid	300.0	26637
MB 885-26637/1-A	Method Blank	Total/NA	Solid	300.0	26637
LCS 885-26637/2-A	Lab Control Sample	Total/NA	Solid	300.0	26637

Lab Chronicle

Client: Ensolum  
Project/Site: Bisti 10A

Job ID: 885-25264-1

Client Sample ID: S-1  
Date Collected: 05/20/25 13:00  
Date Received: 05/21/25 06:35

Lab Sample ID: 885-25264-1  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			26615	JE	EET ALB	05/21/25 08:30
Total/NA	Analysis	8015M/D		1	26625	AT	EET ALB	05/21/25 11:26
Total/NA	Prep	5035			26615	JE	EET ALB	05/21/25 08:30
Total/NA	Analysis	8021B		1	26626	AT	EET ALB	05/21/25 11:26
Total/NA	Prep	SHAKE			26633	KR	EET ALB	05/21/25 09:56
Total/NA	Analysis	8015M/D		1	26617	EM	EET ALB	05/21/25 11:36
Total/NA	Prep	300_Prep			26637	DL	EET ALB	05/21/25 10:38
Total/NA	Analysis	300.0		20	26642	DL	EET ALB	05/21/25 11:59

Client Sample ID: S-2  
Date Collected: 05/20/25 13:05  
Date Received: 05/21/25 06:35

Lab Sample ID: 885-25264-2  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			26615	JE	EET ALB	05/21/25 08:30
Total/NA	Analysis	8015M/D		1	26625	AT	EET ALB	05/21/25 11:48
Total/NA	Prep	5035			26615	JE	EET ALB	05/21/25 08:30
Total/NA	Analysis	8021B		1	26626	AT	EET ALB	05/21/25 11:48
Total/NA	Prep	SHAKE			26633	KR	EET ALB	05/21/25 09:56
Total/NA	Analysis	8015M/D		1	26617	EM	EET ALB	05/21/25 11:47
Total/NA	Prep	SHAKE			26722	JM	EET ALB	05/22/25 07:16
Total/NA	Analysis	8015M/D		1	26728	EM	EET ALB	05/22/25 11:53
Total/NA	Prep	300_Prep			26637	DL	EET ALB	05/21/25 10:38
Total/NA	Analysis	300.0		20	26642	DL	EET ALB	05/21/25 12:10

Client Sample ID: S-3  
Date Collected: 05/20/25 13:10  
Date Received: 05/21/25 06:35

Lab Sample ID: 885-25264-3  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			26615	JE	EET ALB	05/21/25 08:30
Total/NA	Analysis	8015M/D		1	26625	AT	EET ALB	05/21/25 12:10
Total/NA	Prep	5035			26615	JE	EET ALB	05/21/25 08:30
Total/NA	Analysis	8021B		1	26626	AT	EET ALB	05/21/25 12:10
Total/NA	Prep	SHAKE			26633	KR	EET ALB	05/21/25 09:56
Total/NA	Analysis	8015M/D		1	26617	EM	EET ALB	05/21/25 11:58
Total/NA	Prep	SHAKE			26722	JM	EET ALB	05/22/25 07:16
Total/NA	Analysis	8015M/D		1	26728	EM	EET ALB	05/22/25 12:04
Total/NA	Prep	300_Prep			26637	DL	EET ALB	05/21/25 10:38
Total/NA	Analysis	300.0		20	26642	DL	EET ALB	05/21/25 12:20

Lab Chronicle

Client: Ensolum  
Project/Site: Bisti 10A

Job ID: 885-25264-1

Client Sample ID: S-4  
Date Collected: 05/20/25 13:15  
Date Received: 05/21/25 06:35

Lab Sample ID: 885-25264-4  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			26615	JE	EET ALB	05/21/25 08:30
Total/NA	Analysis	8015M/D		1	26625	AT	EET ALB	05/21/25 12:31
Total/NA	Prep	5035			26615	JE	EET ALB	05/21/25 08:30
Total/NA	Analysis	8021B		1	26626	AT	EET ALB	05/21/25 12:31
Total/NA	Prep	SHAKE			26633	KR	EET ALB	05/21/25 09:56
Total/NA	Analysis	8015M/D		1	26617	EM	EET ALB	05/21/25 12:09
Total/NA	Prep	300_Prep			26637	DL	EET ALB	05/21/25 10:38
Total/NA	Analysis	300.0		20	26642	DL	EET ALB	05/21/25 12:30

Client Sample ID: S-5  
Date Collected: 05/20/25 13:20  
Date Received: 05/21/25 06:35

Lab Sample ID: 885-25264-5  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			26615	JE	EET ALB	05/21/25 08:30
Total/NA	Analysis	8015M/D		1	26625	AT	EET ALB	05/21/25 12:53
Total/NA	Prep	5035			26615	JE	EET ALB	05/21/25 08:30
Total/NA	Analysis	8021B		1	26626	AT	EET ALB	05/21/25 12:53
Total/NA	Prep	SHAKE			26633	KR	EET ALB	05/21/25 09:56
Total/NA	Analysis	8015M/D		1	26617	EM	EET ALB	05/21/25 12:19
Total/NA	Prep	300_Prep			26637	DL	EET ALB	05/21/25 10:38
Total/NA	Analysis	300.0		20	26642	DL	EET ALB	05/21/25 12:41

Client Sample ID: BF-1  
Date Collected: 05/20/25 13:25  
Date Received: 05/21/25 06:35

Lab Sample ID: 885-25264-6  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			26615	JE	EET ALB	05/21/25 08:30
Total/NA	Analysis	8015M/D		1	26625	AT	EET ALB	05/21/25 13:15
Total/NA	Prep	5035			26615	JE	EET ALB	05/21/25 08:30
Total/NA	Analysis	8021B		1	26626	AT	EET ALB	05/21/25 13:15
Total/NA	Prep	SHAKE			26633	KR	EET ALB	05/21/25 09:56
Total/NA	Analysis	8015M/D		1	26618	EM	EET ALB	05/21/25 11:18
Total/NA	Prep	300_Prep			26637	DL	EET ALB	05/21/25 10:38
Total/NA	Analysis	300.0		20	26642	DL	EET ALB	05/21/25 12:51

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

Accreditation/Certification Summary

Client: Ensolum  
Project/Site: Bisti 10A

Job ID: 885-25264-1

Laboratory: Eurofins Albuquerque

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

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

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



Login Sample Receipt Checklist

Client: Ensolum

Job Number: 885-25264-1

Login Number: 25264  
List Number: 1  
Creator: Casarrubias, Tracy

List Source: Eurofins Albuquerque

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



Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

Attn: Kyle Summers  
Ensolum  
606 S Rio Grande  
Suite A  
Aztec, New Mexico 87410  
Generated 6/20/2025 2:53:26 PM

## JOB DESCRIPTION

Bisti 10 A

## JOB NUMBER

885-26980-1

Eurofins Albuquerque  
4901 Hawkins NE  
Albuquerque NM 87109

Released to Imaging: 9/3/2025 7:55:58 PM

# Eurofins Albuquerque

## Job Notes

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

## Authorization



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

Client: Ensolum  
Project/Site: Bisti 10 A

Laboratory Job ID: 885-26980-1

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Definitions/Glossary

Client: Ensolum  
Project/Site: Bisti 10 A

Job ID: 885-26980-1

Glossary

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

## Case Narrative

Client: Ensolum  
Project: Bisti 10 A

Job ID: 885-26980-1

**Job ID: 885-26980-1**

**Eurofins Albuquerque**

### Job Narrative 885-26980-1

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

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

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

#### Receipt

The samples were received on 6/18/2025 6:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.3°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 885-28524/47). However, all associated samples had passing surrogate, or were non-detect for target analytes; therefore, data has been 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.

Eurofins Albuquerque

## Client Sample Results

Client: Ensolum  
Project/Site: Bisti 10 A

Job ID: 885-26980-1

Client Sample ID: S-6

Lab Sample ID: 885-26980-1

Date Collected: 06/17/25 09:00

Matrix: Solid

Date Received: 06/18/25 06:40

## 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		06/18/25 08:45	06/18/25 12:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			06/18/25 08:45	06/18/25 12:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019	mg/Kg		06/18/25 08:45	06/18/25 12:13	1
Ethylbenzene	ND		0.037	mg/Kg		06/18/25 08:45	06/18/25 12:13	1
Toluene	ND		0.037	mg/Kg		06/18/25 08:45	06/18/25 12:13	1
Xylenes, Total	ND		0.074	mg/Kg		06/18/25 08:45	06/18/25 12:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150			06/18/25 08:45	06/18/25 12:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		06/18/25 09:23	06/18/25 11:57	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		06/18/25 09:23	06/18/25 11:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	114		62 - 134			06/18/25 09:23	06/18/25 11:57	1

## Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		06/18/25 09:02	06/18/25 11:11	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum  
Project/Site: Bisti 10 A

Job ID: 885-26980-1

Client Sample ID: S-7  
Date Collected: 06/17/25 09:05  
Date Received: 06/18/25 06:40

Lab Sample ID: 885-26980-2  
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics [C6 - C10]	ND		4.5	mg/Kg		06/18/25 08:45	06/18/25 12:35	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	95		15 - 150			06/18/25 08:45	06/18/25 12:35	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.023	mg/Kg		06/18/25 08:45	06/18/25 12:35	1	
Ethylbenzene	ND		0.045	mg/Kg		06/18/25 08:45	06/18/25 12:35	1	
Toluene	ND		0.045	mg/Kg		06/18/25 08:45	06/18/25 12:35	1	
Xylenes, Total	ND		0.091	mg/Kg		06/18/25 08:45	06/18/25 12:35	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	89		15 - 150			06/18/25 08:45	06/18/25 12:35	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		06/18/25 09:23	06/18/25 12:08	1	
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		06/18/25 09:23	06/18/25 12:08	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	120		62 - 134			06/18/25 09:23	06/18/25 12:08	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		60	mg/Kg		06/18/25 09:02	06/18/25 11:25	20	

## QC Sample Results

Client: Ensolum  
Project/Site: Bisti 10 A

Job ID: 885-26980-1

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

Lab Sample ID: MB 885-28529/1-A

Matrix: Solid

Analysis Batch: 28563

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28529

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		06/18/25 08:45	06/18/25 11:52	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			06/18/25 08:45	06/18/25 11:52	1

Lab Sample ID: LCS 885-28529/2-A

Matrix: Solid

Analysis Batch: 28563

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28529

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	26.6		mg/Kg		106	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	211		15 - 150				

Lab Sample ID: 885-26980-1 MS

Matrix: Solid

Analysis Batch: 28563

Client Sample ID: S-6

Prep Type: Total/NA

Prep Batch: 28529

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		18.6	18.5		mg/Kg		100	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	204		15 - 150						

Lab Sample ID: 885-26980-1 MSD

Matrix: Solid

Analysis Batch: 28563

Client Sample ID: S-6

Prep Type: Total/NA

Prep Batch: 28529

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		18.6	17.4		mg/Kg		93	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	195		15 - 150								

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

Lab Sample ID: MB 885-28529/1-A

Matrix: Solid

Analysis Batch: 28562

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28529

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		06/18/25 08:45	06/18/25 11:52	1
Ethylbenzene	ND		0.050	mg/Kg		06/18/25 08:45	06/18/25 11:52	1
Toluene	ND		0.050	mg/Kg		06/18/25 08:45	06/18/25 11:52	1

Eurofins Albuquerque

## QC Sample Results

Client: Ensolum  
Project/Site: Bisti 10 A

Job ID: 885-26980-1

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

Lab Sample ID: MB 885-28529/1-A

Matrix: Solid

Analysis Batch: 28562

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28529

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10	mg/Kg		06/18/25 08:45	06/18/25 11:52	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150			06/18/25 08:45	06/18/25 11:52	1

Lab Sample ID: LCS 885-28529/3-A

Matrix: Solid

Analysis Batch: 28562

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28529

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.917		mg/Kg		92	70 - 130
Ethylbenzene	1.00	0.959		mg/Kg		96	70 - 130
Toluene	1.00	0.929		mg/Kg		93	70 - 130
Xylenes, Total	3.00	2.88		mg/Kg		96	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	93		15 - 150				

Lab Sample ID: 885-26980-2 MS

Matrix: Solid

Analysis Batch: 28562

Client Sample ID: S-7

Prep Type: Total/NA

Prep Batch: 28529

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.910	0.768		mg/Kg		84	70 - 130
Ethylbenzene	ND		0.910	0.802		mg/Kg		88	70 - 130
Toluene	ND		0.910	0.771		mg/Kg		85	70 - 130
Xylenes, Total	ND		2.73	2.44		mg/Kg		89	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	91		15 - 150						

Lab Sample ID: 885-26980-2 MSD

Matrix: Solid

Analysis Batch: 28562

Client Sample ID: S-7

Prep Type: Total/NA

Prep Batch: 28529

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.910	0.740		mg/Kg		81	70 - 130	4	20
Ethylbenzene	ND		0.910	0.768		mg/Kg		84	70 - 130	4	20
Toluene	ND		0.910	0.752		mg/Kg		83	70 - 130	2	20
Xylenes, Total	ND		2.73	2.33		mg/Kg		85	70 - 130	5	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	90		15 - 150								

Eurofins Albuquerque

## QC Sample Results

Client: Ensolum  
Project/Site: Bisti 10 A

Job ID: 885-26980-1

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

Lab Sample ID: MB 885-28532/1-A

Matrix: Solid

Analysis Batch: 28524

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28532

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		06/18/25 09:23	06/18/25 11:35	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		06/18/25 09:23	06/18/25 11:35	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	113		62 - 134			06/18/25 09:23	06/18/25 11:35	1

Lab Sample ID: LCS 885-28532/2-A

Matrix: Solid

Analysis Batch: 28524

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28532

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	54.9		mg/Kg		110	51 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	119		62 - 134				

## Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-28530/1-A

Matrix: Solid

Analysis Batch: 28538

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28530

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5	mg/Kg		06/18/25 09:02	06/18/25 10:44	1
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
Chloride	15.0		14.8	mg/Kg		99	90 - 110	

Eurofins Albuquerque

QC Association Summary

Client: Ensolum  
Project/Site: Bisti 10 A

Job ID: 885-26980-1

GC VOA

Prep Batch: 28529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26980-1	S-6	Total/NA	Solid	5035	
885-26980-2	S-7	Total/NA	Solid	5035	
MB 885-28529/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-28529/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-28529/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-26980-1 MS	S-6	Total/NA	Solid	5035	
885-26980-1 MSD	S-6	Total/NA	Solid	5035	
885-26980-2 MS	S-7	Total/NA	Solid	5035	
885-26980-2 MSD	S-7	Total/NA	Solid	5035	

Analysis Batch: 28562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26980-1	S-6	Total/NA	Solid	8021B	28529
885-26980-2	S-7	Total/NA	Solid	8021B	28529
MB 885-28529/1-A	Method Blank	Total/NA	Solid	8021B	28529
LCS 885-28529/3-A	Lab Control Sample	Total/NA	Solid	8021B	28529
885-26980-2 MS	S-7	Total/NA	Solid	8021B	28529
885-26980-2 MSD	S-7	Total/NA	Solid	8021B	28529

Analysis Batch: 28563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26980-1	S-6	Total/NA	Solid	8015M/D	28529
885-26980-2	S-7	Total/NA	Solid	8015M/D	28529
MB 885-28529/1-A	Method Blank	Total/NA	Solid	8015M/D	28529
LCS 885-28529/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	28529
885-26980-1 MS	S-6	Total/NA	Solid	8015M/D	28529
885-26980-1 MSD	S-6	Total/NA	Solid	8015M/D	28529

GC Semi VOA

Analysis Batch: 28524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26980-1	S-6	Total/NA	Solid	8015M/D	28532
885-26980-2	S-7	Total/NA	Solid	8015M/D	28532
MB 885-28532/1-A	Method Blank	Total/NA	Solid	8015M/D	28532
LCS 885-28532/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	28532

Prep Batch: 28532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26980-1	S-6	Total/NA	Solid	SHAKE	
885-26980-2	S-7	Total/NA	Solid	SHAKE	
MB 885-28532/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-28532/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 28530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26980-1	S-6	Total/NA	Solid	300_Prep	
885-26980-2	S-7	Total/NA	Solid	300_Prep	
MB 885-28530/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-28530/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

QC Association Summary

Client: Ensolum  
Project/Site: Bisti 10 A

Job ID: 885-26980-1

HPLC/IC

Analysis Batch: 28538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26980-1	S-6	Total/NA	Solid	300.0	28530
885-26980-2	S-7	Total/NA	Solid	300.0	28530
MB 885-28530/1-A	Method Blank	Total/NA	Solid	300.0	28530
LCS 885-28530/2-A	Lab Control Sample	Total/NA	Solid	300.0	28530

Lab Chronicle

Client: Ensolum  
Project/Site: Bisti 10 A

Job ID: 885-26980-1

Client Sample ID: S-6  
Date Collected: 06/17/25 09:00  
Date Received: 06/18/25 06:40

Lab Sample ID: 885-26980-1  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			28529	RA	EET ALB	06/18/25 08:45
Total/NA	Analysis	8015M/D		1	28563	RA	EET ALB	06/18/25 12:13
Total/NA	Prep	5035			28529	RA	EET ALB	06/18/25 08:45
Total/NA	Analysis	8021B		1	28562	RA	EET ALB	06/18/25 12:13
Total/NA	Prep	SHAKE			28532	MI	EET ALB	06/18/25 09:23
Total/NA	Analysis	8015M/D		1	28524	MI	EET ALB	06/18/25 11:57
Total/NA	Prep	300_Prep			28530	MA	EET ALB	06/18/25 09:02
Total/NA	Analysis	300.0		20	28538	MA	EET ALB	06/18/25 11:11

Client Sample ID: S-7  
Date Collected: 06/17/25 09:05  
Date Received: 06/18/25 06:40

Lab Sample ID: 885-26980-2  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			28529	RA	EET ALB	06/18/25 08:45
Total/NA	Analysis	8015M/D		1	28563	RA	EET ALB	06/18/25 12:35
Total/NA	Prep	5035			28529	RA	EET ALB	06/18/25 08:45
Total/NA	Analysis	8021B		1	28562	RA	EET ALB	06/18/25 12:35
Total/NA	Prep	SHAKE			28532	MI	EET ALB	06/18/25 09:23
Total/NA	Analysis	8015M/D		1	28524	MI	EET ALB	06/18/25 12:08
Total/NA	Prep	300_Prep			28530	MA	EET ALB	06/18/25 09:02
Total/NA	Analysis	300.0		20	28538	MA	EET ALB	06/18/25 11:25

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

Accreditation/Certification Summary

Client: Ensolum  
Project/Site: Bisti 10 A

Job ID: 885-26980-1

Laboratory: Eurofins Albuquerque

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

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

1
2
3
4
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6
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9
10
11



## Login Sample Receipt Checklist

Client: Ensolum

Job Number: 885-26980-1

Login Number: 26980

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

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

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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS

Action 502183

**QUESTIONS**

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 502183
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2513661030
Incident Name	NAPP2513661030 BISTI 10A @ F-16-25N-11W
Incident Type	Natural Gas Release
Incident Status	Reclamation Report Received

**Location of Release Source***Please answer all the questions in this group.*

Site Name	BISTI 10A
Date Release Discovered	05/16/2025
Surface Owner	Federal

**Incident Details***Please answer all the questions in this group.*

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

**Nature and Volume of Release***Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Corrosion   Pipeline (Any)   Condensate   Released: 5 BBL   Recovered: 0 BBL   Lost: 5 BBL.
Natural Gas Vented (Mcf) Details	Cause: Corrosion   Pipeline (Any)   Natural Gas Vented   Released: 155 MCF   Recovered: 0 MCF   Lost: 155 MCF.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 502183

**QUESTIONS (continued)**

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 502183
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

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

**Initial Response**

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

The source of the release has been stopped	<b>True</b>
The impacted area has been secured to protect human health and the environment	<b>True</b>
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	<b>True</b>
All free liquids and recoverable materials have been removed and managed appropriately	<b>True</b>
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

*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: 06/12/2025
--	---

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QUESTIONS, Page 3

Action 502183

**QUESTIONS (continued)**

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 502183
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Site Characterization</b>	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 100 and 200 (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	Between 1 and 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 100 and 200 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

<b>Remediation Plan</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
<b>Soil Contamination Sampling:</b> (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	400
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	11
GRO+DRO (EPA SW-846 Method 8015M)	11
BTEX (EPA SW-846 Method 8021B or 8260B)	0.1
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	05/16/2025
On what date will (or did) the final sampling or liner inspection occur	05/20/2025
On what date will (or was) the remediation complete(d)	05/20/2025
What is the estimated surface area (in square feet) that will be reclaimed	448
What is the estimated volume (in cubic yards) that will be reclaimed	208
What is the estimated surface area (in square feet) that will be remediated	448
What is the estimated volume (in cubic yards) that will be remediated	208
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 502183

**QUESTIONS (continued)**

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 502183
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	fEEM0112334691 ENVIROTECH LANDFARM #1
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 09/03/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 502183

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 502183
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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QUESTIONS, Page 6

Action 502183

**QUESTIONS (continued)**

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 502183
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	473909
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/17/2025
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	200

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	448
What was the total volume (cubic yards) remediated	208
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	448
What was the total volume (in cubic yards) reclaimed	208
Summarize any additional remediation activities not included by answers (above)	None
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 09/03/2025

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QUESTIONS, Page 7

Action 502183

**QUESTIONS (continued)**

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 502183
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Reclamation Report</b>	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	448
What was the total volume of replacement material (in cubic yards) for this site	208
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseedling commence(d)	05/28/2025
Summarize any additional reclamation activities not included by answers (above)	None
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseedling plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 09/03/2025

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Action 502183

QUESTIONS (continued)

Operator:  Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID:  241602
	Action Number:  502183
	Action Type:  [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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CONDITIONS

Action 502183

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 502183
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	9/15/2025