



## CLOSURE REPORT

Property:

**Kutz 3D-5 (July 2025)**  
Unit Letter I, S05 T27N R12W  
San Juan County, New Mexico

**New Mexico EMNRD OCD Incident ID No. NAPP2521145409**

**October 24, 2025**

Ensolum Project No. 05A1226381

Prepared for:

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

Prepared by:

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Project Scientist

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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>	Kutz 3D-5 (Site)
<b>NM EMNRD OCD Incident ID No.</b>	NAPP2521145409
<b>Location:</b>	36.603915° North, -108.129603° West Unit Letter I, Section 05, Township 27 North, Range 12 West San Juan County, New Mexico
<b>Property:</b>	Navajo Nation
<b>Regulatory:</b>	Navajo Nation Environmental Protection Agency (NNEPA)

On July 18, 2025, a potential release of natural gas was identified from the Kutz 3D-5 pipeline. Enterprise subsequently isolated and locked the pipeline out of service. On July 30, 2025, Enterprise determined the release was “reportable” and notifications were performed. On September 9, 2025, Enterprise initiated activities to remediate potential petroleum hydrocarbon impact.

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 NNEPA. 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**.

- No PODs were identified in this or the adjacent 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 within one mile of the Site (**Figure B, Appendix B**).
- The Site is located within 300 feet of a NM EMNRD OCD-defined continuously flowing watercourse or significant watercourse (**Figure C, Appendix B**). A “blue-line” ephemeral wash is located approximately 70 feet north of the Site.
- The Site is not located within 200 feet of a lakebed, sinkhole, or playa lake.

- The Site is not located within 300 feet of a permanent residence, school, hospital, institution, or church (**Figure D, Appendix B**).
- No springs, or private domestic freshwater wells used by less than five households for domestic or stock watering purposes were identified within 500 feet of the Site (**Figure E, Appendix B**).
- No freshwater wells or springs were identified within 1,000 feet of the Site (**Figure E, Appendix B**).
- The Site is not located within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to New Mexico Statutes Annotated (NMSA) 1978, Section 3-27-3.
- Based on information identified in the U.S. Fish & Wildlife Service National Wetlands Inventory Wetlands Mapper, the Site is within 300 feet of a wetland (**Figure F, Appendix B**). A riverine is mapped approximately 70 feet north of the Site.
- Based on information identified in the NM Mining and Minerals Division's Geographic Information System (GIS) Maps and Mine Data database, the Site is not within an area overlying a subsurface mine (**Figure G, Appendix B**).
- The Site is not located within an unstable area per Paragraph (6) of Subsection U of 19.15.2.7 NMAC.
- Based on information provided by the Federal Emergency Management Agency (FEMA) National Flood Hazard Layer (NFHL) geospatial database, the Site is not within a 100-year floodplain (**Figure H, Appendix B**).

Based on available information Enterprise estimates the depth to groundwater at the Site to be less than 50 feet bgs, resulting in a Tier I ranking. Water was encountered in the excavation at approximately 19 feet below grade. 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).



The New Mexico Water Quality Control Commission (NMWQCC) Groundwater Quality Standards (GQSs) for the Site include, but are not limited to, the following benzene, toluene, ethylbenzene, and total xylenes (BTEX) concentrations:

New Mexico WQCC BTEX Standards for Groundwater	
Constituent <sup>1</sup>	Limit
Benzene	5 µg/L
Toluene	1,000 µg/L
Ethylbenzene	700 µg/L
Total Xylenes	620 µg/L

<sup>1</sup> – Constituent concentrations are in micrograms per liter (µg/L).

### 3.0 REMEDIATION ACTIVITIES

On September 9, 2025, Enterprise initiated activities to remediate petroleum hydrocarbon impact resulting from the release. During the remediation and corrective action activities, Sunland Construction, Inc. provided heavy equipment and labor support, while Ensolum provided environmental consulting support.

The primary excavation measured approximately 25 feet by 25 feet at the maximum extents, of the main excavation. The maximum depth of the primary excavation measured approximately 19 to 21 feet bgs. Groundwater was encountered at approximately 19 feet bgs. The total surface expression of the excavation was approximately 625 ft<sup>2</sup>. The lithology encountered during the completion of remediation activities consisted primarily of unconsolidated silty sand.

Approximately 648 cubic yards (yd<sup>3</sup>) of petroleum hydrocarbon-affected soils and 75 barrels (bbls) of hydro-excavation water and soil cutting were transported to the Envirotech, Inc. (Envirotech) landfarm in San Juan County, NM for disposal/remediation. The executed C-138 solid waste acceptance form is provided in **Appendix C**. The excavation was backfilled with imported fill and then contoured to the surrounding grade.

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

### 4.0 SAMPLING PROGRAM

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

Ensolum's soil sampling program included the collection of 14 composite soil samples (S-1 through S-12) from the excavation, one composite sample (BF-1) from the backfill, and one stockpile sample (SP-1) from adjacent former tank berms for laboratory analysis. The composite soil samples from the excavation 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**.

### **Sampling Event**

On September 10, 2025, sampling was performed at the Site. Composite soil samples S-1 through S-12 were collected from the walls of the excavation. Composite soil sample BF-1 was collected from the imported backfill. Composite soil samples SP-1 was collected from a stockpile containing material from an adjacent former tank berm.

No floor samples were collected from the floor of the excavation because water was encountered at approximately 19 feet bgs and the floor was submerged. One water sample was collected from the excavation near the former leak location utilizing a disposable sampling bailer.

All 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 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 water sample collected from the excavation was analyzed for Volatile Organic Compounds (VOCs) utilizing U.S. Environmental Protection Agency (EPA) SW-846 Method 8260B.

The laboratory analytical results are summarized in **Table 1** and **Table 2 (Appendix F)**. The laboratory data sheets and executed chain-of-custody forms are provided in **Appendix G**.

## **6.0 DATA EVALUATION**

Ensolum compared the benzene, BTEX, TPH, and chloride laboratory analytical results or laboratory practical quantitation limits (PQLs) / reporting limits (RLs) associated with the composite soil samples (S-1 through S-12, SP-1 and BF-1) to the applicable NM EMNRD OCD closure criteria. Due to the high PQLs/RLs associated with the TPH MRO results when using EPA SW-846 Method 8015, Ensolum only compares the quantified TPH results to the New Mexico EMNRD OCD closure criteria. The soil laboratory analytical results are summarized in **Table 1 (Appendix F)**.

- The laboratory analytical results for composite soil samples collected from soils remaining at the Site indicate that benzene is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 10 mg/kg.
- The laboratory analytical results for composite soil samples 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 the composite soil samples collected from soils remaining at the Site indicate that total combined TPH GRO/DRO/MRO concentrations are less than the laboratory PQLs / RLs, which are less than the NM EMNRD OCD closure criteria of 100 mg/kg.

- The laboratory analytical results for 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.

Ensolum compared the laboratory analytical results or laboratory practical quantitation limits (PQLs) / reporting limits (RLs) associated with water samples collected from the excavation to the New Mexico WQCC GQSs. The results of the analyses are summarized in **Table 2 of Appendix F**.

- The analytical result for the excavation water sample does not indicate a benzene concentration above the laboratory PQL/RL, which is below the WQCC GQS of 5 µg/L.
- The analytical result for the excavation water sample does not indicate a toluene concentration above the laboratory PQL/RL, which is below the WQCC GQS of 1,000 µg/L.
- The analytical result for the excavation water sample does not indicate a ethylbenzene concentration above the laboratory PQL/RL, which is below the WQCC GQS of 700 µg/L.
- The analytical result for the excavation water sample does not indicate a total xylene concentration above the laboratory PQL/RL, which is below the WQCC GQS of 620 µg/L.
- The analytical result for 1,3,5-trimethylbenzene indicated a concentration of 2.5 µg/L. The WQCC does not have an established standard for 1,3,5-trimethylbenzene.

## 7.0 RECLAMATION

The excavation was backfilled with imported fill and then contoured to the surrounding grade. The backfill and the upper four feet of the excavation have been analytically verified to be below the Tier I soil standards of 50 mg/kg BTEX, 10 mg/kg benzene, 100 mg/kg total combined TPH, and 600 mg/kg Chloride. See **APPENDIX D**, **APPENDIX F**, and **APPENDIX G** 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 Grassland Vegetation Community. Enterprise will reseed the area with the appropriate seed mix during the next favorable growing season. Enterprise will provide revegetation documentation under separate cover.

## 9.0 FINDINGS AND RECOMMENDATION

- Fourteen 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.

- One excavation water sample was collected at the site. No volatile organic compound exceedances were identified in the water sample.
- Approximately 648 cubic yards (yd<sup>3</sup>) of petroleum hydrocarbon-affected soils and 75 barrels (bbls) of hydro-excavation water and soil cutting were transported to the Envirotech, Inc. (Envirotech) landfarm in San Juan County, NM 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.

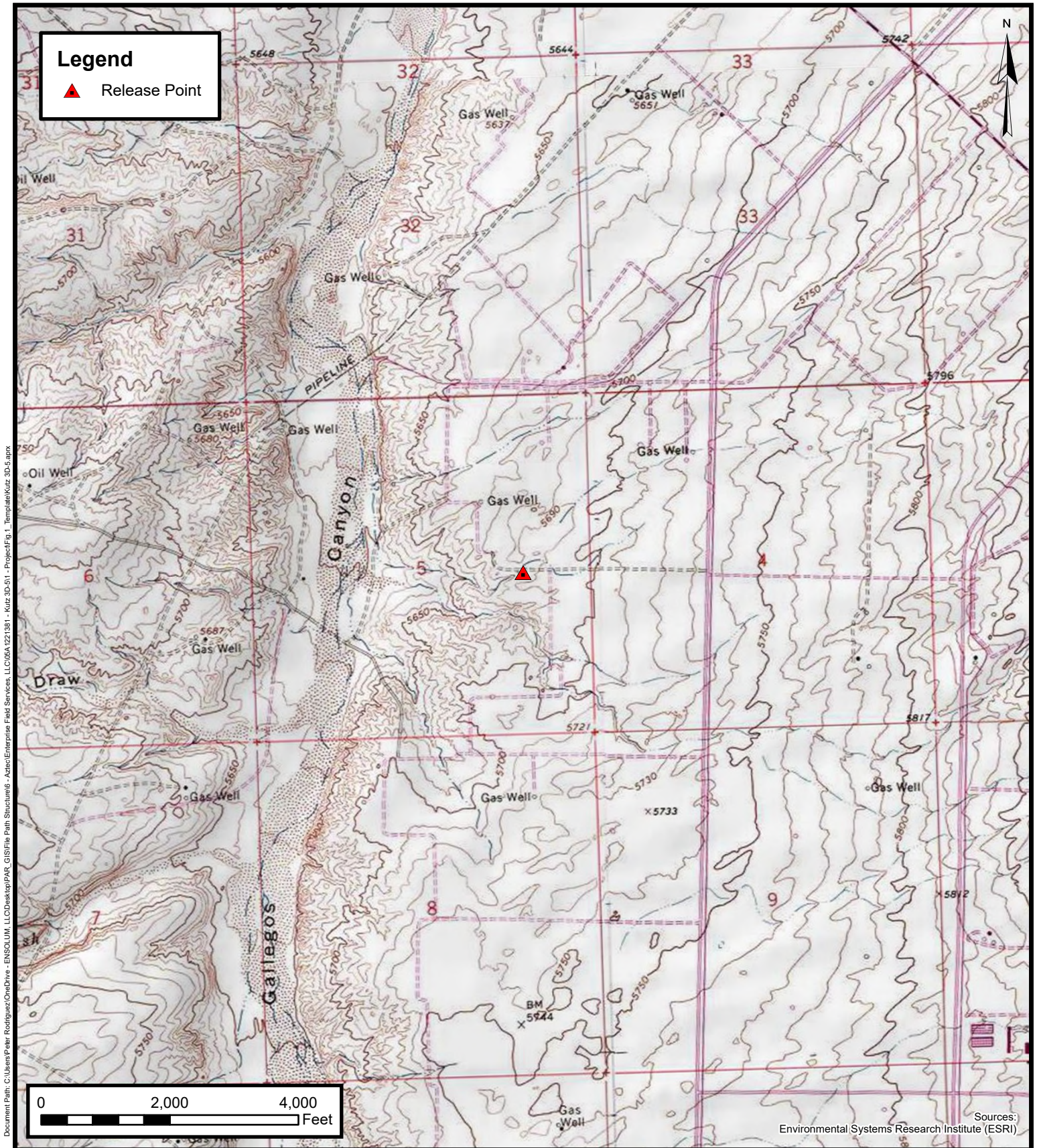


# APPENDIX A

## Figures

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## Topographic Map

Enterprise Field Services, LLC  
Kutz 3D-5

Project Number: 05A1226381

Unit Letter I, S05, T27N, R12W, San Juan County, New Mexico  
36.603915, -108.129603

FIGURE

1



Document Path: C:\Users\Patric Rodriguez\OneDrive - ENSOLUM, LLC\Desktop\PAR\_GIS\File Path Structure6 - Aztec\Enterprise Field Services, LLC\05A1221381 - Kutz 3D-5 - Project\Fig\_1\_Template\Kutz\_3D-5.aprx



## Site Vicinity Map

Enterprise Field Services, LLC  
Kutz 3D-5

Project Number: 05A1226381

Unit Letter I, S05, T27N, R12W, San Juan County, New Mexico  
36.603915, -108.129603

FIGURE

2







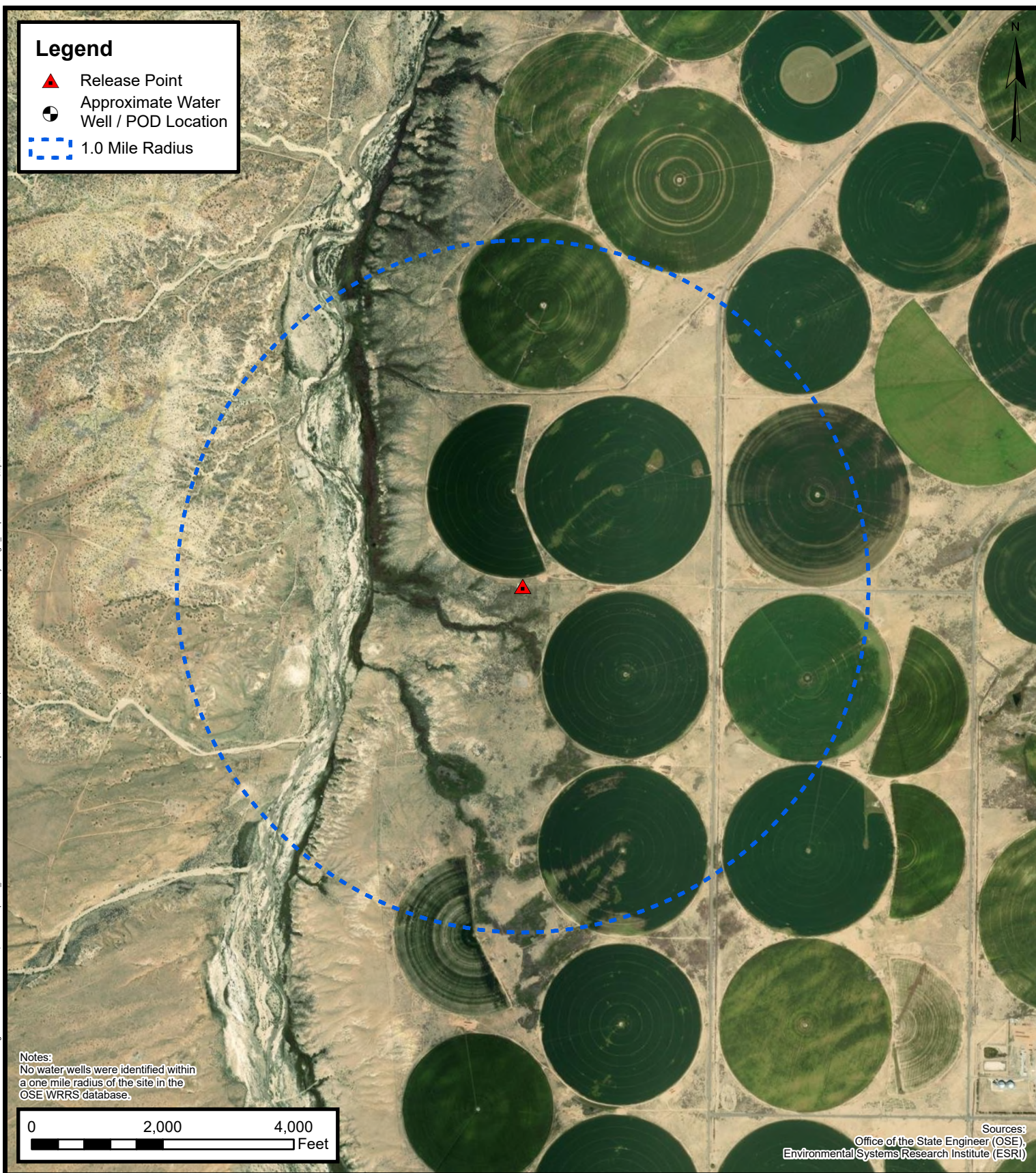


## APPENDIX B

### Siting Figures and Documentation

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Document Path: C:\Users\Peter.Rodriguez\OneDrive - ENSOLUM, LLC\Desktop\PAR\_GIS\File Path Structure6 - Aztec\Enterprise Field Services, LLC\05A1221381 - Kutz 3D-5\1 - Project\Fig\_1\_Template\Kutz\_3D-5.aprx



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

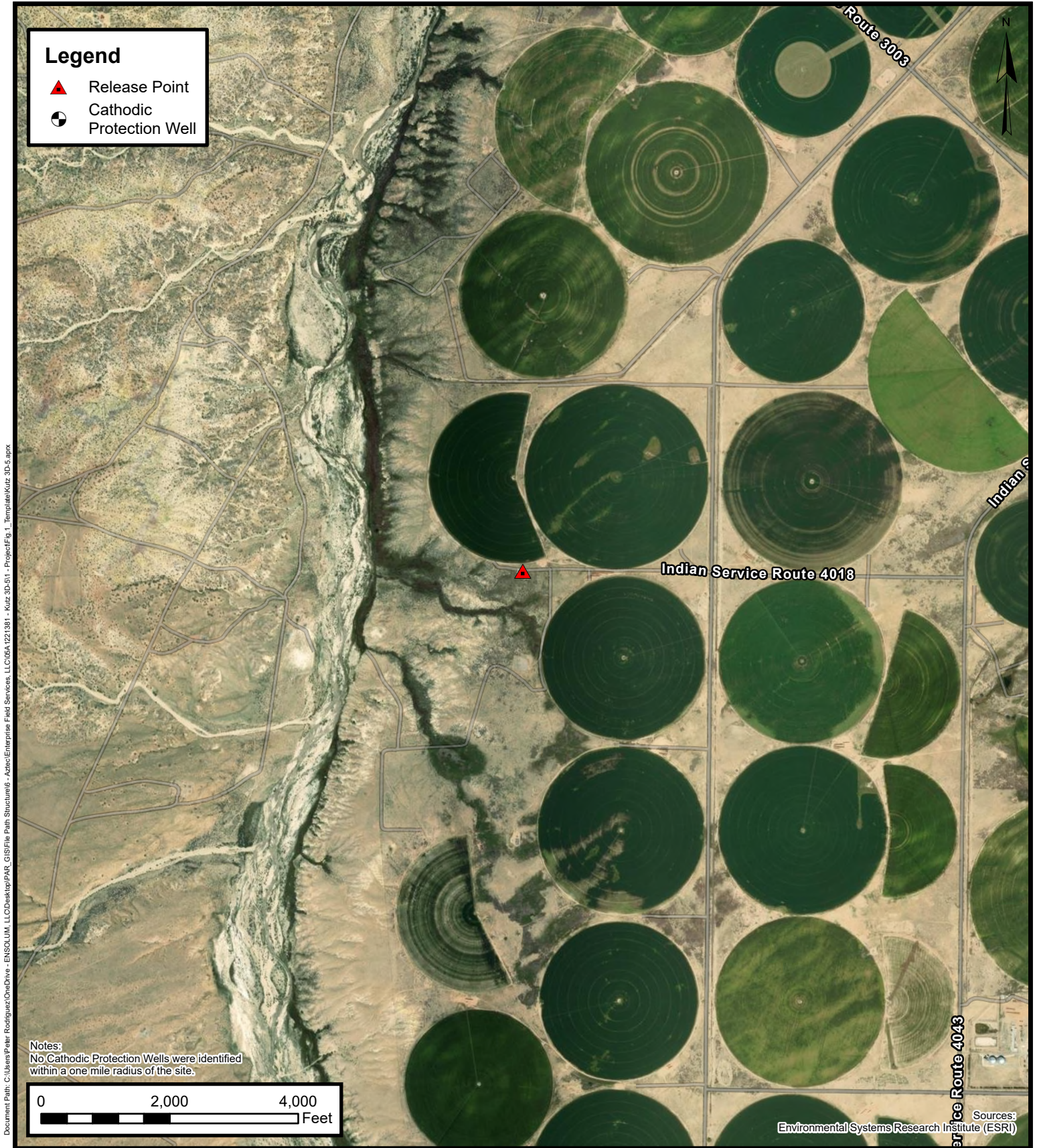
Enterprise Field Services, LLC  
Kutz 3D-5

Project Number: 05A1226381

Unit Letter I, S05, T27N, R12W, San Juan County, New Mexico  
36.603915, -108.129603

**FIGURE**  
**A**





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

Enterprise Field Services, LLC  
Kutz 3D-5

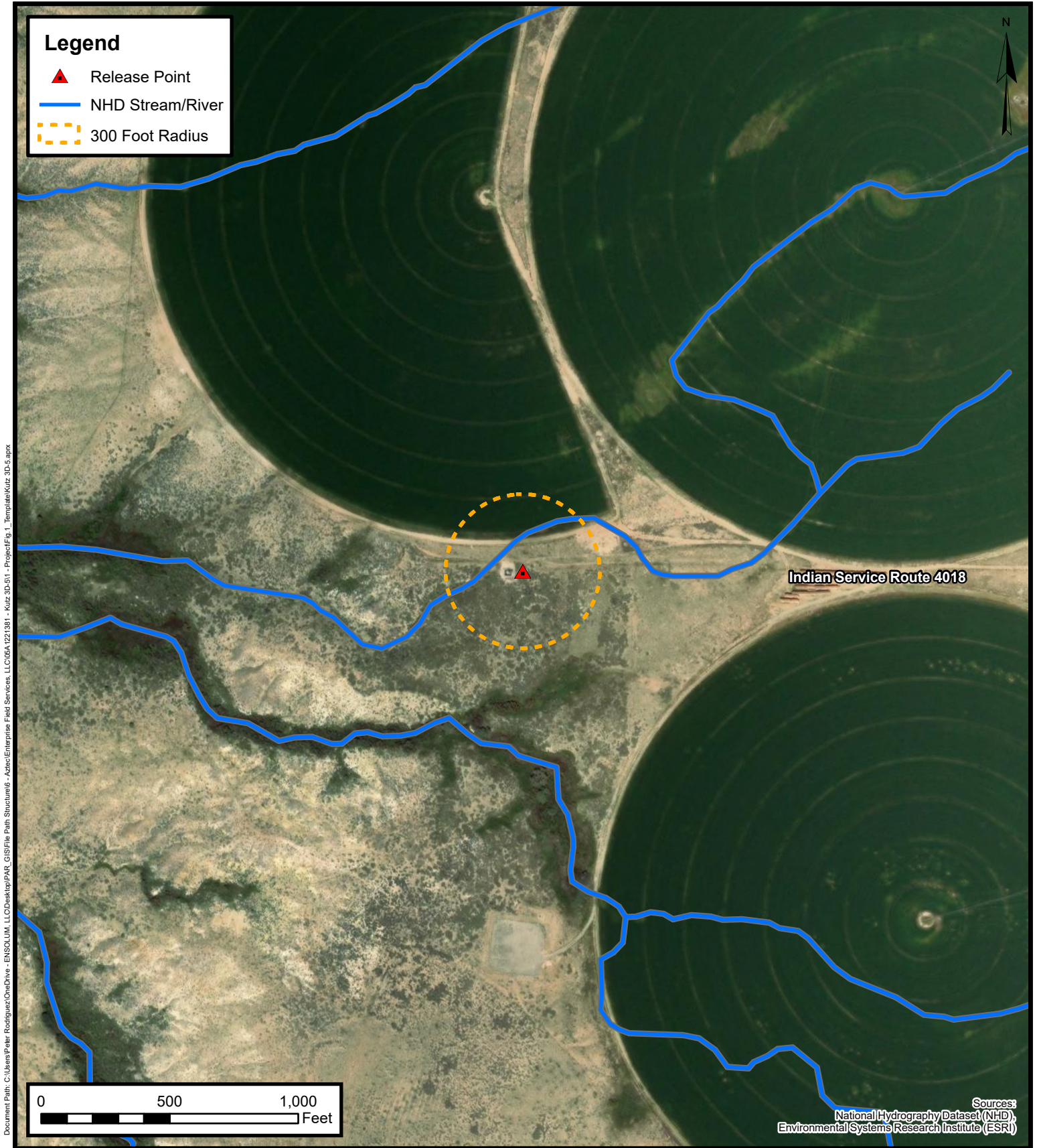
Project Number: 05A1226381

Unit Letter I, S05, T27N, R12W, San Juan County, New Mexico  
36.603915, -108.129603

**FIGURE  
B**







### 300 Foot Radius Watercourse and Drainage Identification

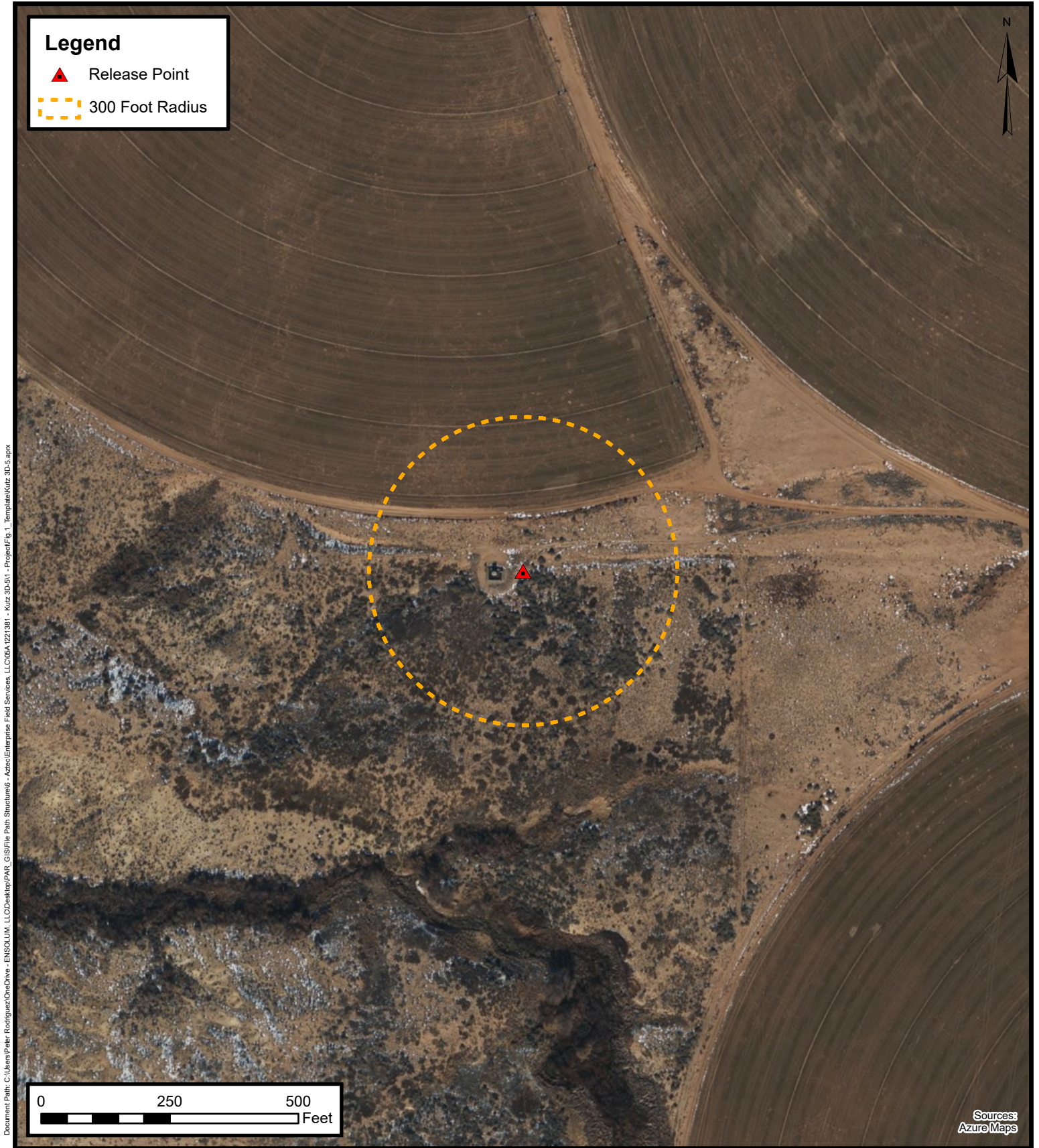
Enterprise Field Services, LLC  
Kutz 3D-5

Project Number: 05A1226381

Unit Letter I, S05, T27N, R12W, San Juan County, New Mexico  
36.603915, -108.129603

FIGURE  
**C**





**300 Foot Radius Occupied  
Structure Identification**

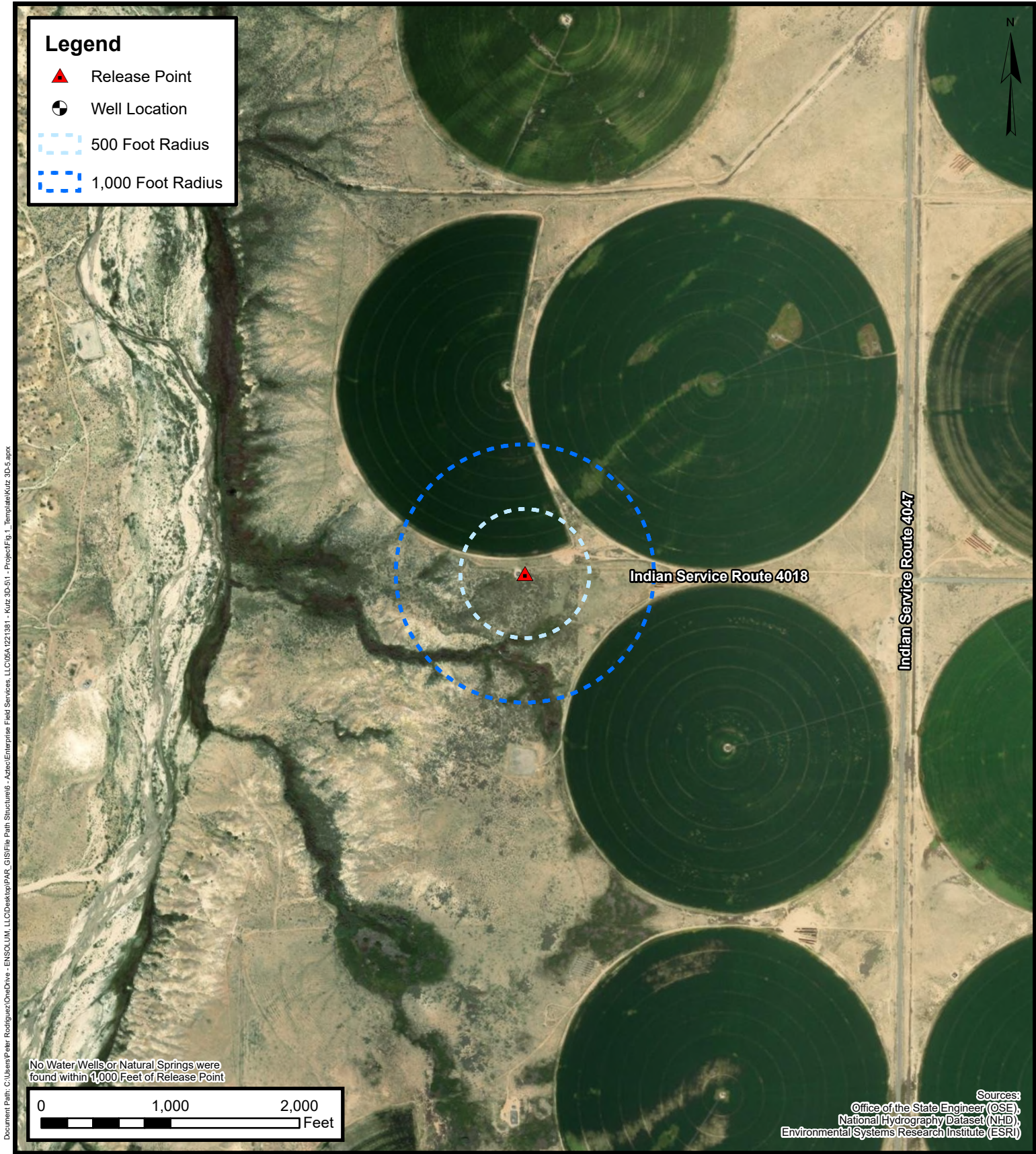
Enterprise Field Services, LLC  
Kutz 3D-5

Project Number: 05A1226381

Unit Letter I, S05, T27N, R12W, San Juan County, New Mexico  
36.603915, -108.129603

**FIGURE  
D**



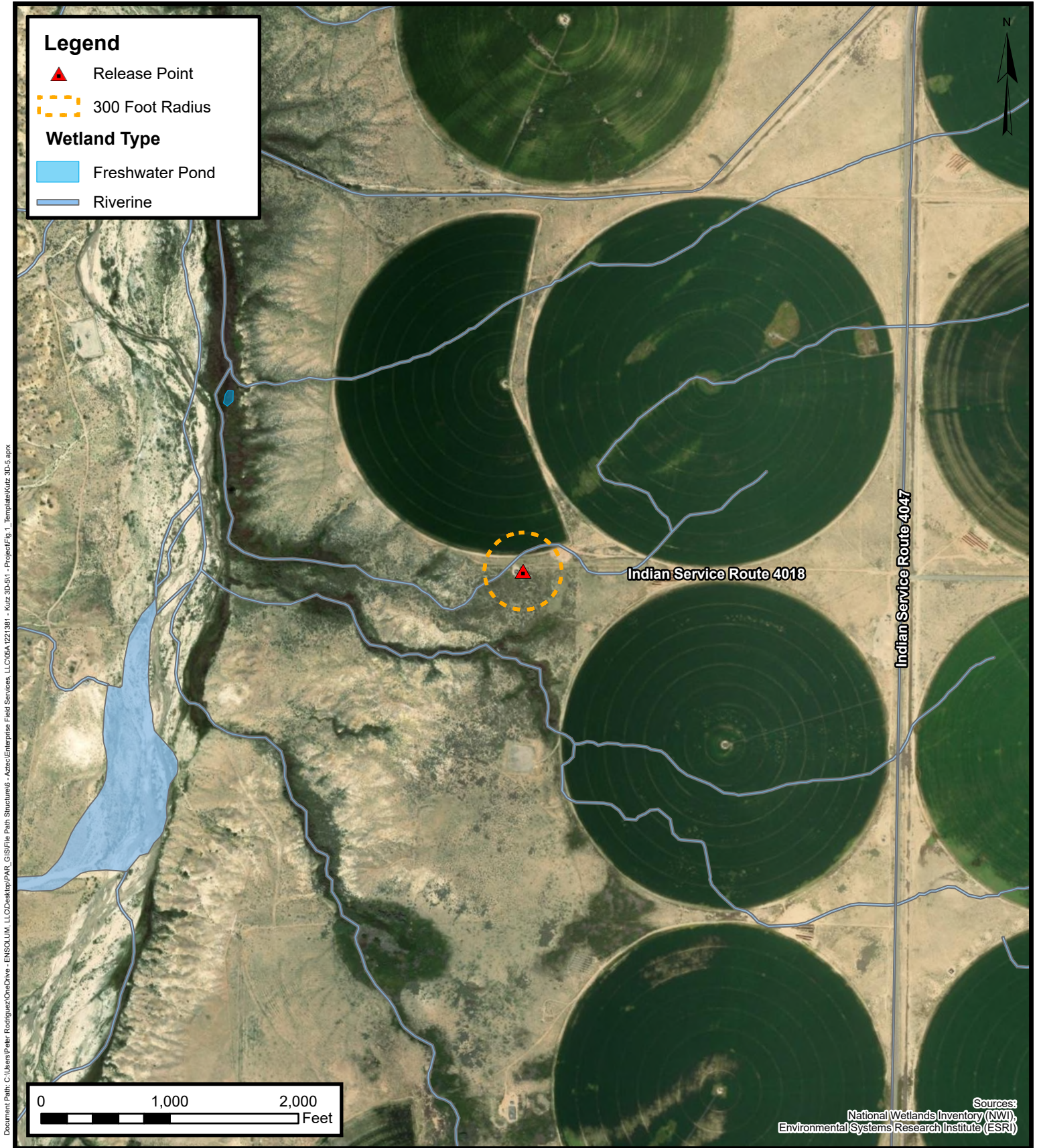


**Water Well and Natural Spring Location**

Enterprise Field Services, LLC  
Kutz 3D-5  
Project Number: 05A1226381  
Unit Letter I, S05, T27N, R12W, San Juan County, New Mexico  
36.603915, -108.129603

**FIGURE**  
**E**





Document Path: C:\Users\Peter.Rodriguez\OneDrive - ENSOLUM, LLC\Desktop\PAR\_GIS\File Path Structure\6 - Aztec\Enterprise Field Services, LLC\05A1226381 - Kutz 3D-5 - Project\Fig\_1\_Template\Kutz 3D-5.aprx



## Wetlands

Enterprise Field Services, LLC  
Kutz 3D-5

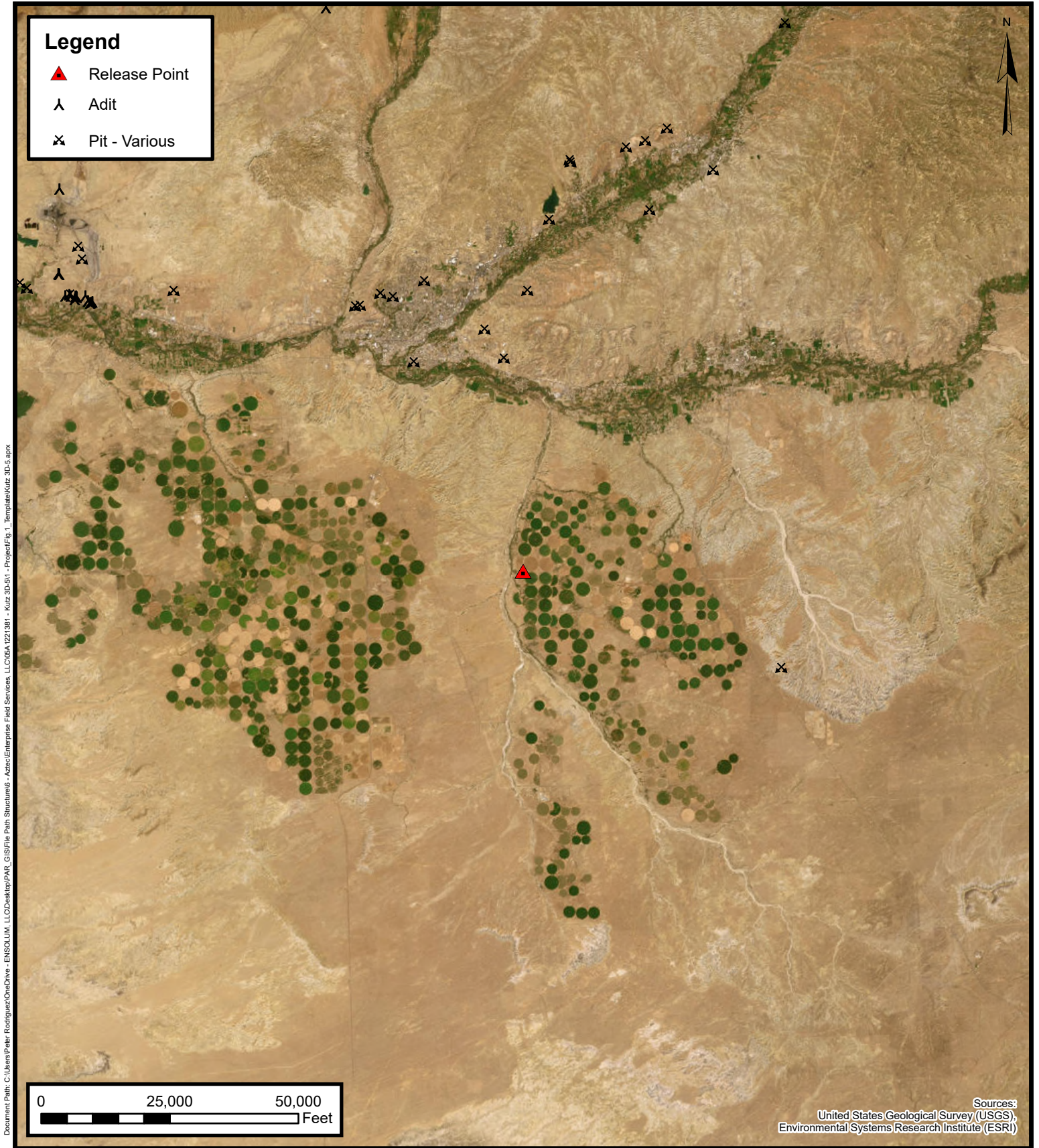
Project Number: 05A1226381

Unit Letter I, S05, T27N, R12W, San Juan County, New Mexico  
36.603915, -108.129603

FIGURE

F





## Mines, Mills, and Quarries

Enterprise Field Services, LLC  
Kutz 3D-5

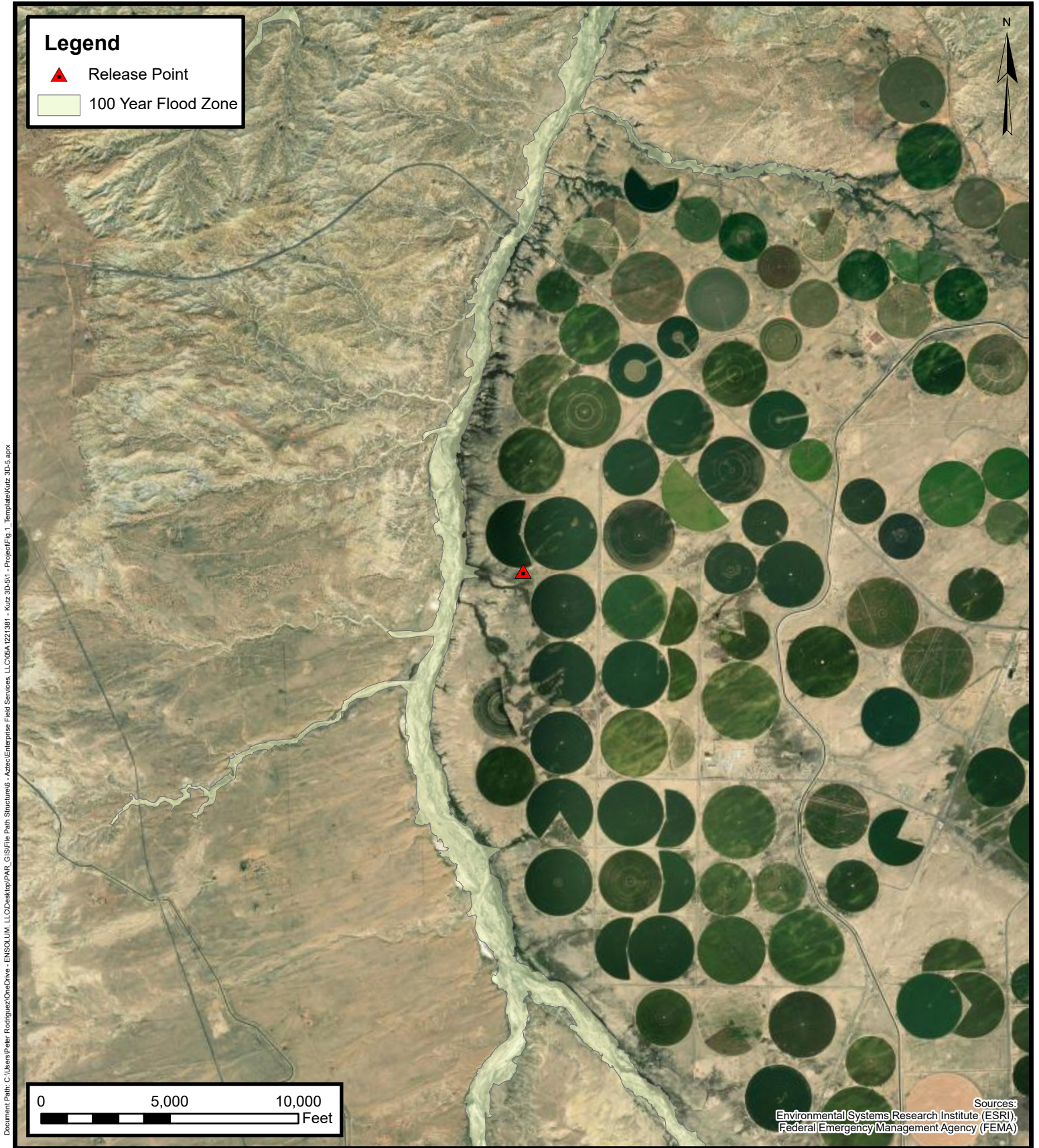
Project Number: 05A1226381

Unit Letter I, S05, T27N, R12W, San Juan County, New Mexico  
36.603915, -108.129603

FIGURE

G





## 100-Year Flood Plain Map

Enterprise Field Services, LLC  
Kutz 3D-5

Project Number: 05A1226381

Unit Letter I, S05, T27N, R12W, San Juan County, New Mexico  
36.603915, -108.129603

FIGURE  
H



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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No report data available.

### **Basin/County Search:**

**Basin:** SJ

**County:** SJ

### **PLSS Search:**

**Range:** 12W

**Township:** 27N

**Section:** 4,5,6,7,8,9

\* UTM location was derived from PLSS - see Help

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

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# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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No report data available.

### **Basin/County Search:**

**Basin:** SJ

**County:** SJ

### **PLSS Search:**

**Range:** 12W

**Township:** 28N

**Section:** 31,32,33

\* UTM location was derived from PLSS - see Help

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

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## APPENDIX C

### Executed C-138 Solid Waste Acceptance Form



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

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

Form C-138  
Revised 08/01/11

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

## REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

<b>1. Generator Name and Address:</b> Enterprise Field Services, LLC, 614 Reilly Ave, Farmington NM 87401	<b>PayKey:</b> AM14058 <b>PM:</b> ME Eddleman <b>AFE:</b> N81742
<b>2. Originating Site:</b> Kutz 3D-5	
<b>3. Location of Material (Street Address, City, State or ULSTR):</b> UL I Section 5 T27N R12W; 36.603915, -108.129603	
<b>4. Source and Description of Waste:</b> <b>Source:</b> Remediation activities associated with a natural gas pipeline leak. <b>Description:</b> 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>648/25</u> yd <sup>3</sup> / bbls	
<b>5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS</b>  I, Thomas Long <i>Thomas Long</i> , representative or authorized agent for Enterprise Products Operating do hereby <b>Generator Signature</b> 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)  <input checked="" type="checkbox"/> RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non- exempt waste. <u>Operator Use Only: Waste Acceptance Frequency</u> <input type="checkbox"/> Monthly <input type="checkbox"/> Weekly <input type="checkbox"/> Per Load  <input type="checkbox"/> 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)  <input type="checkbox"/> MSDS Information <input type="checkbox"/> RCRA Hazardous Waste Analysis <input type="checkbox"/> Process Knowledge <input type="checkbox"/> Other (Provide description in Box 4)	
<b>GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS</b>	
I, Thomas Long <i>Thomas Long</i> 7-18-2025, representative for Enterprise Products Operating authorizes <u>Envirotech, Inc.</u> to complete <b>Generator Signature</b> the required testing/sign the Generator Waste Testing Certification.  I, <u>Greg Crabtree</u> , representative for <u>Envirotech, Inc.</u> 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.	
<b>5. Transporter: Riley Industrial and Other Enterprise Contractors.</b>	

### OCD Permitted Surface Waste Management Facility

Name and Facility Permit #: **Envirotech Inc. Soil Remediation Facility \* Permit #: NM 01-0011**

Address of Facility: **Hilltop, NM**

Method of Treatment and/or Disposal:

☐ Evaporation ☐ Injection ☐ Treating Plant ☒ Landfarm ☐ Landfill ☐ Other

Waste Acceptance Status:

☒ **APPROVED**

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

PRINT NAME: Greg Crabtree

SIGNATURE: *Greg Crabtree*

Surface Waste Management Facility Authorized Agent

TITLE: Enviro Manager

TELEPHONE NO.:

505-632-0615

DATE: 7/18/25



## APPENDIX D

# Photographic Documentation

## SITE PHOTOGRAPHS

Enterprise Field Services, LLC  
Closure Report  
Kutz-3D-5 Pipeline Release  
Ensolum Project No. 05A1226381

**Photograph 1**

Photograph Description: View of the in process excavation activities.

**Photograph 2**

Photograph Description: View of the in process excavation activities.

**Photograph 3**

Photograph Description: View of the final excavation.



## SITE PHOTOGRAPHS

Enterprise Field Services, LLC  
Closure Report  
Kutz-3D-5 Pipeline Release  
Ensolum Project No. 05A1226381



### Photograph 4

Photograph Description: View of the final excavation after initial restoration.







## APPENDIX E

# Regulatory Correspondence

---

**From:** Long, Thomas <tjlong@eprod.com>  
**Sent:** Tuesday, September 9, 2025 5:18 PM  
**To:** nnepawq@frontiernet.net  
**Subject:** Re: [EXTERNAL] Re: Kutz #D-5 - UL I Section 5 T27N R12W; 36.603915, -108.129603

Steve,

It is below as a forwarded email.

Tom Long

On Sep 9, 2025, at 4:51 PM, Nn epa Water Quality  
<[nnepawq@frontiernet.net](mailto:nnepawq@frontiernet.net)> wrote:

[Use caution with links/attachments]

Hi Tom,

The NOR was not attached.

--Steve

Steve Austin  
Senior Hydrologist  
NNEPAWQ/NPDES Program  
505-368-1037

---

**From:** Long, Thomas <[tjlong@eprod.com](mailto:tjlong@eprod.com)>  
**Sent:** Tuesday, September 9, 2025 1:33 PM  
**To:** Steve Austin <[nnepawq@frontiernet.net](mailto:nnepawq@frontiernet.net)>  
**Subject:** Kutz #D-5 - UL I Section 5 T27N R12W; 36.603915, -108.129603

Steve,

This email is to notify you that Enterprise had a release on the Kutz #D-5 on July 30, 2025. I apologize I forgot to notify you at that time. I did notify the NMOCD and the NOR is below. We began remediation today and I think we will be ready to sample tomorrow at 1:00 p.m. In addition, the excavation is about 19 feet deep and there is groundwater at the bottom. We will be collecting an excavation water sampling as well as soil samples tomorrow. Please let me know if you have any questions.

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)

<image001.jpg>

---

**From:** [OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us) <[OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us)>  
**Sent:** Wednesday, July 30, 2025 12:37 PM  
**To:** Long, Thomas <[tjlong@eprod.com](mailto:tjlong@eprod.com)>  
**Subject:** [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 490422

[Use caution with links/attachments]

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

The OCD has accepted the submitted *Notification of a release* (NOR), for incident ID (n#) nAPP2521145409, with the following conditions:

- **When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.**

Please reference nAPP2521145409, on all subsequent C-141 submissions and communications regarding the remediation of this release.

**NOTE:** As of December 2019, NMOCD has discontinued the use of the “RP” number.

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

[ocd.enviro@state.nm.us](mailto:ocd.enviro@state.nm.us)

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

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



## APPENDIX F

### Table 1 – Soil Analytical Summary

---

**TABLE 1**  
Kutz 3D-5  
SOIL ANALYTICAL SUMMARY

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
Excavation Composite Soil Samples													
S-1	9.10.25	C	0 to 19	<0.016	<0.031	<0.031	<0.063	ND	<3.1	<9.9	<49	ND	<49
S-2	9.10.25	C	0 to 19	<0.017	<0.034	<0.034	<0.069	ND	<3.4	<9.2	<46	ND	<50
S-3	9.10.25	C	0 to 19	<0.015	<0.031	<0.031	<0.062	ND	<3.1	<9.5	<48	ND	<50
S-4	9.10.25	C	0 to 19	<0.015	<0.029	<0.029	<0.059	ND	<2.9	<10	<50	ND	<51
S-5	9.10.25	C	0 to 19	<0.015	<0.030	<0.030	<0.061	ND	<3.0	<9.4	<47	ND	<49
S-6	9.10.25	C	0 to 19	<0.015	<0.030	<0.030	<0.061	ND	<3.0	<9.2	<46	ND	<50
S-7	9.10.25	C	0 to 19	<0.016	<0.033	<0.033	<0.065	ND	<3.3	<9.4	<47	ND	<51
S-8	9.10.25	C	0 to 19	<0.016	<0.032	<0.032	<0.063	ND	<3.2	<9.5	<48	ND	<50
S-9	9.10.25	C	0 to 19	<0.017	<0.035	<0.035	<0.069	ND	<3.5	<9.3	<46	ND	<50
S-10	9.10.25	C	0 to 19	<0.017	<0.033	<0.033	<0.066	ND	<3.3	<9.3	<46	ND	<50
S-11	9.10.25	C	0 to 19	<0.016	<0.032	<0.032	<0.065	ND	<3.2	<9.5	<48	ND	<50
S-12	9.10.25	C	0 to 19	<0.016	<0.033	<0.033	<0.066	ND	<3.3	<9.8	<49	ND	<51
Stockpile Composite Soil Sample													
SP-1	9.10.25	C	Stockpile	<0.018	<0.035	<0.035	<0.070	ND	<3.5	<9.1	<45	ND	<50
Backfill Composite Soil Sample													
BF-1	9.10.25	C	Backfill	<0.018	<0.036	<0.036	<0.073	ND	<3.6	<9.7	<49	ND	<50

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

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

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

NE = Not established

mg/kg = milligrams per kilogram

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes

TPH = Total Petroleum Hydrocarbons

GRO = Gasoline Range Organics



**TABLE 1**  
**Kutz 3D-5**  
**SOIL ANALYTICAL SUMMARY**

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

DRO = Diesel Range Organics

MRO = Motor Oil/Lube Oil Range Organics

BF = Backfill sample



TABLE 2 Kutz 3D-5 WATER ANALYTICAL SUMMARY						
Sample I.D.	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	1,3,5-Trimethylbenzene (µg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		5	1,000	700	620	NE
WS-1	9.10.25	<1.0	<1.0	<1.0	<1.5	2.5

Note: Concentrations in **bold** and yellow exceed the WQCC GQS.

NA = Not Analyzed

NE = Not Established

µg/L = microgram per liter

<1.0 = the numeral (in this case "1.0") identifies the laboratory PQL/RL





## APPENDIX G

### Laboratory Data Sheets & Chain of Custody Documentation

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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 9/15/2025 5:33:27 PM

## JOB DESCRIPTION

Kutz 3D-5

## JOB NUMBER

885-33022-1

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  
9/15/2025 5:33:27 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: Kutz 3D-5

Laboratory Job ID: 885-33022-1

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Definitions/Glossary

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

Qualifiers

GC VOA

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

Glossary

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

## Case Narrative

Client: Ensolum  
Project: Kutz 3D-5

Job ID: 885-33022-1

**Job ID: 885-33022-1**

**Eurofins Albuquerque**

### Job Narrative 885-33022-1

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

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

#### Receipt

The samples were received on 9/11/2025 7:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.5°C.

#### GC/MS VOA

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

#### 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: Kutz 3D-5

Job ID: 885-33022-1

Client Sample ID: S-1  
Date Collected: 09/10/25 13:00  
Date Received: 09/11/25 07:15

Lab Sample ID: 885-33022-1  
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics [C6 - C10]	ND		3.1	mg/Kg		09/11/25 09:29	09/11/25 11:52	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	99		15 - 150			09/11/25 09:29	09/11/25 11:52	1	

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.016	mg/Kg		09/11/25 09:29	09/11/25 11:52	1	
Ethylbenzene	ND		0.031	mg/Kg		09/11/25 09:29	09/11/25 11:52	1	
Toluene	ND		0.031	mg/Kg		09/11/25 09:29	09/11/25 11:52	1	
Xylenes, Total	ND		0.063	mg/Kg		09/11/25 09:29	09/11/25 11:52	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	104		15 - 150			09/11/25 09:29	09/11/25 11:52	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		09/11/25 09:46	09/11/25 13:46	1	
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		09/11/25 09:46	09/11/25 13:46	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	107		62 - 134			09/11/25 09:46	09/11/25 13:46	1	

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		49	mg/Kg		09/11/25 10:28	09/11/25 12:39	10	

## Client Sample Results

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

Client Sample ID: S-2

Lab Sample ID: 885-33022-2

Date Collected: 09/10/25 13:05

Matrix: Solid

Date Received: 09/11/25 07:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.4	mg/Kg		09/11/25 09:29	09/11/25 12:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			09/11/25 09:29	09/11/25 12:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.017	mg/Kg		09/11/25 09:29	09/11/25 12:16	1
Ethylbenzene	ND		0.034	mg/Kg		09/11/25 09:29	09/11/25 12:16	1
Toluene	ND		0.034	mg/Kg		09/11/25 09:29	09/11/25 12:16	1
Xylenes, Total	ND		0.069	mg/Kg		09/11/25 09:29	09/11/25 12:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		15 - 150			09/11/25 09:29	09/11/25 12:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2	mg/Kg		09/11/25 09:46	09/11/25 14:23	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		09/11/25 09:46	09/11/25 14:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	108		62 - 134			09/11/25 09:46	09/11/25 14:23	1

## Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		09/11/25 10:28	09/11/25 12:49	10

Eurofins Albuquerque

## Client Sample Results

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

Client Sample ID: S-3

Lab Sample ID: 885-33022-3

Date Collected: 09/10/25 13:10

Matrix: Solid

Date Received: 09/11/25 07:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.1	mg/Kg		09/11/25 09:29	09/11/25 12:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			09/11/25 09:29	09/11/25 12:40	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.015	mg/Kg		09/11/25 09:29	09/11/25 12:40	1
Ethylbenzene	ND		0.031	mg/Kg		09/11/25 09:29	09/11/25 12:40	1
Toluene	ND		0.031	mg/Kg		09/11/25 09:29	09/11/25 12:40	1
Xylenes, Total	ND		0.062	mg/Kg		09/11/25 09:29	09/11/25 12:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		15 - 150			09/11/25 09:29	09/11/25 12:40	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		09/11/25 09:46	09/11/25 14:36	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		09/11/25 09:46	09/11/25 14:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	106		62 - 134			09/11/25 09:46	09/11/25 14:36	1

## Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		09/11/25 10:28	09/11/25 12:59	10

Eurofins Albuquerque

## Client Sample Results

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

Client Sample ID: S-4

Lab Sample ID: 885-33022-4

Date Collected: 09/10/25 13:15

Matrix: Solid

Date Received: 09/11/25 07:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		2.9	mg/Kg		09/11/25 09:29	09/11/25 13:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		15 - 150			09/11/25 09:29	09/11/25 13:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.015	mg/Kg		09/11/25 09:29	09/11/25 13:03	1
Ethylbenzene	ND		0.029	mg/Kg		09/11/25 09:29	09/11/25 13:03	1
Toluene	ND		0.029	mg/Kg		09/11/25 09:29	09/11/25 13:03	1
Xylenes, Total	ND		0.059	mg/Kg		09/11/25 09:29	09/11/25 13:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		15 - 150			09/11/25 09:29	09/11/25 13:03	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		09/11/25 09:46	09/11/25 14:48	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		09/11/25 09:46	09/11/25 14:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	107		62 - 134			09/11/25 09:46	09/11/25 14:48	1

## Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51	mg/Kg		09/11/25 10:28	09/11/25 13:10	10

Eurofins Albuquerque

## Client Sample Results

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

Client Sample ID: S-5

Lab Sample ID: 885-33022-5

Date Collected: 09/10/25 13:20

Matrix: Solid

Date Received: 09/11/25 07:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.0	mg/Kg		09/11/25 09:29	09/11/25 13:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		15 - 150			09/11/25 09:29	09/11/25 13:27	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.015	mg/Kg		09/11/25 09:29	09/11/25 13:27	1
Ethylbenzene	ND		0.030	mg/Kg		09/11/25 09:29	09/11/25 13:27	1
Toluene	ND		0.030	mg/Kg		09/11/25 09:29	09/11/25 13:27	1
Xylenes, Total	ND		0.061	mg/Kg		09/11/25 09:29	09/11/25 13:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		15 - 150			09/11/25 09:29	09/11/25 13:27	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		09/11/25 09:46	09/11/25 15:01	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		09/11/25 09:46	09/11/25 15:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	108		62 - 134			09/11/25 09:46	09/11/25 15:01	1

## Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		49	mg/Kg		09/11/25 10:28	09/11/25 13:20	10

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Client Sample Results

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

Client Sample ID: S-6  
Date Collected: 09/10/25 13:25  
Date Received: 09/11/25 07:15

Lab Sample ID: 885-33022-6  
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics [C6 - C10]	ND		3.0	mg/Kg		09/11/25 09:29	09/11/25 13:51		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	97		15 - 150			09/11/25 09:29	09/11/25 13:51		1
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.015	mg/Kg		09/11/25 09:29	09/11/25 13:51		1
Ethylbenzene	ND		0.030	mg/Kg		09/11/25 09:29	09/11/25 13:51		1
Toluene	ND		0.030	mg/Kg		09/11/25 09:29	09/11/25 13:51		1
Xylenes, Total	ND		0.061	mg/Kg		09/11/25 09:29	09/11/25 13:51		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	101		15 - 150			09/11/25 09:29	09/11/25 13:51		1
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.2	mg/Kg		09/11/25 09:46	09/11/25 15:13		1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		09/11/25 09:46	09/11/25 15:13		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	107		62 - 134			09/11/25 09:46	09/11/25 15:13		1
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		50	mg/Kg		09/11/25 10:28	09/11/25 13:30		10



## Client Sample Results

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

Client Sample ID: S-7

Lab Sample ID: 885-33022-7

Date Collected: 09/10/25 13:30

Matrix: Solid

Date Received: 09/11/25 07:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.3	mg/Kg		09/11/25 09:29	09/11/25 14:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		15 - 150			09/11/25 09:29	09/11/25 14:14	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016	mg/Kg		09/11/25 09:29	09/11/25 14:14	1
Ethylbenzene	ND		0.033	mg/Kg		09/11/25 09:29	09/11/25 14:14	1
Toluene	ND		0.033	mg/Kg		09/11/25 09:29	09/11/25 14:14	1
Xylenes, Total	ND		0.065	mg/Kg		09/11/25 09:29	09/11/25 14:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		15 - 150			09/11/25 09:29	09/11/25 14:14	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		09/11/25 09:46	09/11/25 15:26	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		09/11/25 09:46	09/11/25 15:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134			09/11/25 09:46	09/11/25 15:26	1

## Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51	mg/Kg		09/11/25 10:28	09/11/25 13:41	10

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## Client Sample Results

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

Client Sample ID: S-8

Lab Sample ID: 885-33022-8

Date Collected: 09/10/25 13:35

Matrix: Solid

Date Received: 09/11/25 07:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.2	mg/Kg		09/11/25 09:29	09/11/25 14:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		15 - 150			09/11/25 09:29	09/11/25 14:38	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016	mg/Kg		09/11/25 09:29	09/11/25 14:38	1
Ethylbenzene	ND		0.032	mg/Kg		09/11/25 09:29	09/11/25 14:38	1
Toluene	ND		0.032	mg/Kg		09/11/25 09:29	09/11/25 14:38	1
Xylenes, Total	ND		0.063	mg/Kg		09/11/25 09:29	09/11/25 14:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		15 - 150			09/11/25 09:29	09/11/25 14:38	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		09/11/25 09:46	09/11/25 15:38	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		09/11/25 09:46	09/11/25 15:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			09/11/25 09:46	09/11/25 15:38	1

## Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		09/11/25 10:28	09/11/25 13:51	10

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## Client Sample Results

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

Client Sample ID: S-9

Lab Sample ID: 885-33022-9

Date Collected: 09/10/25 13:40

Matrix: Solid

Date Received: 09/11/25 07:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.5	mg/Kg		09/11/25 09:29	09/11/25 15:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150			09/11/25 09:29	09/11/25 15:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.017	mg/Kg		09/11/25 09:29	09/11/25 15:02	1
Ethylbenzene	ND		0.035	mg/Kg		09/11/25 09:29	09/11/25 15:02	1
Toluene	ND		0.035	mg/Kg		09/11/25 09:29	09/11/25 15:02	1
Xylenes, Total	ND		0.069	mg/Kg		09/11/25 09:29	09/11/25 15:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		15 - 150			09/11/25 09:29	09/11/25 15:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		09/11/25 09:46	09/11/25 15:51	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		09/11/25 09:46	09/11/25 15:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			09/11/25 09:46	09/11/25 15:51	1

## Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		09/11/25 10:28	09/11/25 14:22	10

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Client Sample Results

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

Client Sample ID: S-10

Lab Sample ID: 885-33022-10

Date Collected: 09/10/25 13:45

Matrix: Solid

Date Received: 09/11/25 07:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	1
Gasoline Range Organics [C6 - C10]	ND		3.3	mg/Kg		09/11/25 09:29	09/11/25 15:25		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	1
4-Bromofluorobenzene (Surr)	105		15 - 150			09/11/25 09:29	09/11/25 15:25		1
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	1
Benzene	ND		0.017	mg/Kg		09/11/25 09:29	09/11/25 15:25		1
Ethylbenzene	ND		0.033	mg/Kg		09/11/25 09:29	09/11/25 15:25		1
Toluene	ND		0.033	mg/Kg		09/11/25 09:29	09/11/25 15:25		1
Xylenes, Total	ND		0.066	mg/Kg		09/11/25 09:29	09/11/25 15:25		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	1
4-Bromofluorobenzene (Surr)	109		15 - 150			09/11/25 09:29	09/11/25 15:25		1
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	1
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		09/11/25 09:46	09/11/25 11:39		1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		09/11/25 09:46	09/11/25 11:39		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	1
Di-n-octyl phthalate (Surr)	100		62 - 134			09/11/25 09:46	09/11/25 11:39		1
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	10
Chloride	ND		50	mg/Kg		09/11/25 10:28	09/11/25 14:32		10

## Client Sample Results

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

Client Sample ID: S-11

Lab Sample ID: 885-33022-11

Date Collected: 09/10/25 13:50

Matrix: Solid

Date Received: 09/11/25 07:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.2	mg/Kg		09/11/25 09:46	09/11/25 12:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		15 - 150			09/11/25 09:46	09/11/25 12:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016	mg/Kg		09/11/25 09:46	09/11/25 12:57	1
Ethylbenzene	ND		0.032	mg/Kg		09/11/25 09:46	09/11/25 12:57	1
Toluene	ND		0.032	mg/Kg		09/11/25 09:46	09/11/25 12:57	1
Xylenes, Total	ND		0.065	mg/Kg		09/11/25 09:46	09/11/25 12:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			09/11/25 09:46	09/11/25 12:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		09/11/25 09:46	09/11/25 12:02	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		09/11/25 09:46	09/11/25 12:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			09/11/25 09:46	09/11/25 12:02	1

## Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		09/11/25 10:28	09/11/25 14:43	10

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## Client Sample Results

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

Client Sample ID: S-12

Lab Sample ID: 885-33022-12

Date Collected: 09/10/25 13:55

Matrix: Solid

Date Received: 09/11/25 07:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.3	mg/Kg		09/11/25 09:46	09/11/25 13:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150			09/11/25 09:46	09/11/25 13:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016	mg/Kg		09/11/25 09:46	09/11/25 13:19	1
Ethylbenzene	ND		0.033	mg/Kg		09/11/25 09:46	09/11/25 13:19	1
Toluene	ND		0.033	mg/Kg		09/11/25 09:46	09/11/25 13:19	1
Xylenes, Total	ND		0.066	mg/Kg		09/11/25 09:46	09/11/25 13:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			09/11/25 09:46	09/11/25 13:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		09/11/25 09:46	09/11/25 12:26	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		09/11/25 09:46	09/11/25 12:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	101		62 - 134			09/11/25 09:46	09/11/25 12:26	1

## Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51	mg/Kg		09/11/25 10:28	09/11/25 14:53	10

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## Client Sample Results

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

Client Sample ID: BF-1

Lab Sample ID: 885-33022-13

Date Collected: 09/10/25 14:00

Matrix: Solid

Date Received: 09/11/25 07:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.6	mg/Kg		09/11/25 09:46	09/11/25 13:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150			09/11/25 09:46	09/11/25 13:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		09/11/25 09:46	09/11/25 13:41	1
Ethylbenzene	ND		0.036	mg/Kg		09/11/25 09:46	09/11/25 13:41	1
Toluene	ND		0.036	mg/Kg		09/11/25 09:46	09/11/25 13:41	1
Xylenes, Total	ND		0.073	mg/Kg		09/11/25 09:46	09/11/25 13:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150			09/11/25 09:46	09/11/25 13:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		09/11/25 09:46	09/11/25 12:49	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		09/11/25 09:46	09/11/25 12:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			09/11/25 09:46	09/11/25 12:49	1

## Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		09/11/25 10:28	09/11/25 15:03	10

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## Client Sample Results

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

Client Sample ID: SP-1

Lab Sample ID: 885-33022-14

Date Collected: 09/10/25 14:05

Matrix: Solid

Date Received: 09/11/25 07:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.5	mg/Kg		09/11/25 09:46	09/11/25 14:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		15 - 150			09/11/25 09:46	09/11/25 14:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		09/11/25 09:46	09/11/25 14:03	1
Ethylbenzene	ND		0.035	mg/Kg		09/11/25 09:46	09/11/25 14:03	1
Toluene	ND		0.035	mg/Kg		09/11/25 09:46	09/11/25 14:03	1
Xylenes, Total	ND		0.070	mg/Kg		09/11/25 09:46	09/11/25 14:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150			09/11/25 09:46	09/11/25 14:03	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		09/11/25 09:46	09/11/25 13:13	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		09/11/25 09:46	09/11/25 13:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	105		62 - 134			09/11/25 09:46	09/11/25 13:13	1

## Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		09/11/25 10:28	09/11/25 15:14	10

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## Client Sample Results

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

Client Sample ID: GW-1

Lab Sample ID: 885-33022-16

Date Collected: 09/10/25 14:30

Matrix: Water

Date Received: 09/11/25 07:15

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			09/11/25 13:11	1
1,1,1-Trichloroethane	ND		1.0	ug/L			09/11/25 13:11	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			09/11/25 13:11	1
1,1,2-Trichloroethane	ND		1.0	ug/L			09/11/25 13:11	1
1,1-Dichloroethane	ND		1.0	ug/L			09/11/25 13:11	1
1,1-Dichloroethene	ND		1.0	ug/L			09/11/25 13:11	1
1,1-Dichloropropene	ND		1.0	ug/L			09/11/25 13:11	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L			09/11/25 13:11	1
1,2,3-Trichloropropane	ND		2.0	ug/L			09/11/25 13:11	1
1,2,4-Trichlorobenzene	ND		1.0	ug/L			09/11/25 13:11	1
1,2,4-Trimethylbenzene	ND		1.0	ug/L			09/11/25 13:11	1
1,2-Dibromo-3-Chloropropane	ND		2.0	ug/L			09/11/25 13:11	1
1,2-Dibromoethane (EDB)	ND		1.0	ug/L			09/11/25 13:11	1
1,2-Dichlorobenzene	ND		1.0	ug/L			09/11/25 13:11	1
1,2-Dichloroethane (EDC)	ND		1.0	ug/L			09/11/25 13:11	1
1,2-Dichloropropane	ND		1.0	ug/L			09/11/25 13:11	1
1,3,5-Trimethylbenzene	2.5		1.0	ug/L			09/11/25 13:11	1
1,3-Dichlorobenzene	ND		1.0	ug/L			09/11/25 13:11	1
1,3-Dichloropropane	ND		1.0	ug/L			09/11/25 13:11	1
1,4-Dichlorobenzene	ND		1.0	ug/L			09/11/25 13:11	1
1-Methylnaphthalene	ND		4.0	ug/L			09/11/25 13:11	1
2,2-Dichloropropane	ND		2.0	ug/L			09/11/25 13:11	1
2-Butanone	ND		10	ug/L			09/11/25 13:11	1
2-Chlorotoluene	ND		1.0	ug/L			09/11/25 13:11	1
2-Hexanone	ND		10	ug/L			09/11/25 13:11	1
2-Methylnaphthalene	ND		4.0	ug/L			09/11/25 13:11	1
4-Chlorotoluene	ND		1.0	ug/L			09/11/25 13:11	1
4-Isopropyltoluene	ND		1.0	ug/L			09/11/25 13:11	1
4-Methyl-2-pentanone	ND		10	ug/L			09/11/25 13:11	1
Acetone	ND		10	ug/L			09/11/25 13:11	1
Benzene	ND		1.0	ug/L			09/11/25 13:11	1
Bromobenzene	ND		1.0	ug/L			09/11/25 13:11	1
Bromodichloromethane	ND		1.0	ug/L			09/11/25 13:11	1
Dibromochloromethane	ND		1.0	ug/L			09/11/25 13:11	1
Bromoform	ND		1.0	ug/L			09/11/25 13:11	1
Bromomethane	ND		3.0	ug/L			09/11/25 13:11	1
Carbon disulfide	ND		10	ug/L			09/11/25 13:11	1
Carbon tetrachloride	ND		1.0	ug/L			09/11/25 13:11	1
Chlorobenzene	ND		1.0	ug/L			09/11/25 13:11	1
Chloroethane	ND		2.0	ug/L			09/11/25 13:11	1
Chloroform	ND		1.0	ug/L			09/11/25 13:11	1
Chloromethane	ND		3.0	ug/L			09/11/25 13:11	1
cis-1,2-Dichloroethene	ND		1.0	ug/L			09/11/25 13:11	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			09/11/25 13:11	1
Dibromomethane	ND		1.0	ug/L			09/11/25 13:11	1
Dichlorodifluoromethane	ND		1.0	ug/L			09/11/25 13:11	1
Ethylbenzene	ND		1.0	ug/L			09/11/25 13:11	1
Hexachlorobutadiene	ND		1.0	ug/L			09/11/25 13:11	1
Isopropylbenzene	ND		1.0	ug/L			09/11/25 13:11	1

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Client Sample Results

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

Client Sample ID: GW-1  
Date Collected: 09/10/25 14:30  
Date Received: 09/11/25 07:15

Lab Sample ID: 885-33022-16  
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Methyl-tert-butyl Ether (MTBE)	ND		1.0	ug/L			09/11/25 13:11	1	
Methylene Chloride	ND		2.5	ug/L			09/11/25 13:11	1	
n-Butylbenzene	ND		3.0	ug/L			09/11/25 13:11	1	
N-Propylbenzene	ND		1.0	ug/L			09/11/25 13:11	1	
Naphthalene	ND		2.0	ug/L			09/11/25 13:11	1	
sec-Butylbenzene	ND		1.0	ug/L			09/11/25 13:11	1	
Styrene	ND		1.0	ug/L			09/11/25 13:11	1	
tert-Butylbenzene	ND		1.0	ug/L			09/11/25 13:11	1	
Tetrachloroethene (PCE)	ND		1.0	ug/L			09/11/25 13:11	1	
Toluene	ND		1.0	ug/L			09/11/25 13:11	1	
trans-1,2-Dichloroethene	ND		1.0	ug/L			09/11/25 13:11	1	
trans-1,3-Dichloropropene	ND		1.0	ug/L			09/11/25 13:11	1	
Trichloroethene (TCE)	ND		1.0	ug/L			09/11/25 13:11	1	
Trichlorofluoromethane	ND		1.0	ug/L			09/11/25 13:11	1	
Vinyl chloride	ND		1.0	ug/L			09/11/25 13:11	1	
Xylenes, Total	ND		1.5	ug/L			09/11/25 13:11	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)	103		70 - 130				09/11/25 13:11	1	
Toluene-d8 (Surr)	98		70 - 130				09/11/25 13:11	1	
4-Bromofluorobenzene (Surr)	96		70 - 130				09/11/25 13:11	1	
Dibromofluoromethane (Surr)	102		70 - 130				09/11/25 13:11	1	

## QC Sample Results

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-34439/4

Matrix: Water

Analysis Batch: 34439

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			09/11/25 12:43	1
1,1,1-Trichloroethane	ND		1.0	ug/L			09/11/25 12:43	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			09/11/25 12:43	1
1,1,2-Trichloroethane	ND		1.0	ug/L			09/11/25 12:43	1
1,1-Dichloroethane	ND		1.0	ug/L			09/11/25 12:43	1
1,1-Dichloroethene	ND		1.0	ug/L			09/11/25 12:43	1
1,1-Dichloropropene	ND		1.0	ug/L			09/11/25 12:43	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L			09/11/25 12:43	1
1,2,3-Trichloropropane	ND		2.0	ug/L			09/11/25 12:43	1
1,2,4-Trichlorobenzene	ND		1.0	ug/L			09/11/25 12:43	1
1,2,4-Trimethylbenzene	ND		1.0	ug/L			09/11/25 12:43	1
1,2-Dibromo-3-Chloropropane	ND		2.0	ug/L			09/11/25 12:43	1
1,2-Dibromoethane (EDB)	ND		1.0	ug/L			09/11/25 12:43	1
1,2-Dichlorobenzene	ND		1.0	ug/L			09/11/25 12:43	1
1,2-Dichloroethane (EDC)	ND		1.0	ug/L			09/11/25 12:43	1
1,2-Dichloropropane	ND		1.0	ug/L			09/11/25 12:43	1
1,3,5-Trimethylbenzene	ND		1.0	ug/L			09/11/25 12:43	1
1,3-Dichlorobenzene	ND		1.0	ug/L			09/11/25 12:43	1
1,3-Dichloropropane	ND		1.0	ug/L			09/11/25 12:43	1
1,4-Dichlorobenzene	ND		1.0	ug/L			09/11/25 12:43	1
1-Methylnaphthalene	ND		4.0	ug/L			09/11/25 12:43	1
2,2-Dichloropropane	ND		2.0	ug/L			09/11/25 12:43	1
2-Butanone	ND		10	ug/L			09/11/25 12:43	1
2-Chlorotoluene	ND		1.0	ug/L			09/11/25 12:43	1
2-Hexanone	ND		10	ug/L			09/11/25 12:43	1
2-Methylnaphthalene	ND		4.0	ug/L			09/11/25 12:43	1
4-Chlorotoluene	ND		1.0	ug/L			09/11/25 12:43	1
4-Isopropyltoluene	ND		1.0	ug/L			09/11/25 12:43	1
4-Methyl-2-pentanone	ND		10	ug/L			09/11/25 12:43	1
Acetone	ND		10	ug/L			09/11/25 12:43	1
Benzene	ND		1.0	ug/L			09/11/25 12:43	1
Bromobenzene	ND		1.0	ug/L			09/11/25 12:43	1
Bromodichloromethane	ND		1.0	ug/L			09/11/25 12:43	1
Dibromochloromethane	ND		1.0	ug/L			09/11/25 12:43	1
Bromoform	ND		1.0	ug/L			09/11/25 12:43	1
Bromomethane	ND		3.0	ug/L			09/11/25 12:43	1
Carbon disulfide	ND		10	ug/L			09/11/25 12:43	1
Carbon tetrachloride	ND		1.0	ug/L			09/11/25 12:43	1
Chlorobenzene	ND		1.0	ug/L			09/11/25 12:43	1
Chloroethane	ND		2.0	ug/L			09/11/25 12:43	1
Chloroform	ND		1.0	ug/L			09/11/25 12:43	1
Chloromethane	ND		3.0	ug/L			09/11/25 12:43	1
cis-1,2-Dichloroethene	ND		1.0	ug/L			09/11/25 12:43	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			09/11/25 12:43	1
Dibromomethane	ND		1.0	ug/L			09/11/25 12:43	1
Dichlorodifluoromethane	ND		1.0	ug/L			09/11/25 12:43	1
Ethylbenzene	ND		1.0	ug/L			09/11/25 12:43	1
Hexachlorobutadiene	ND		1.0	ug/L			09/11/25 12:43	1

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## QC Sample Results

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-34439/4

Matrix: Water

Analysis Batch: 34439

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Isopropylbenzene	ND		1.0	ug/L			09/11/25 12:43	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0	ug/L			09/11/25 12:43	1
Methylene Chloride	ND		2.5	ug/L			09/11/25 12:43	1
n-Butylbenzene	ND		3.0	ug/L			09/11/25 12:43	1
N-Propylbenzene	ND		1.0	ug/L			09/11/25 12:43	1
Naphthalene	ND		2.0	ug/L			09/11/25 12:43	1
sec-Butylbenzene	ND		1.0	ug/L			09/11/25 12:43	1
Styrene	ND		1.0	ug/L			09/11/25 12:43	1
tert-Butylbenzene	ND		1.0	ug/L			09/11/25 12:43	1
Tetrachloroethene (PCE)	ND		1.0	ug/L			09/11/25 12:43	1
Toluene	ND		1.0	ug/L			09/11/25 12:43	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			09/11/25 12:43	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			09/11/25 12:43	1
Trichloroethene (TCE)	ND		1.0	ug/L			09/11/25 12:43	1
Trichlorofluoromethane	ND		1.0	ug/L			09/11/25 12:43	1
Vinyl chloride	ND		1.0	ug/L			09/11/25 12:43	1
Xylenes, Total	ND		1.5	ug/L			09/11/25 12:43	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	93		70 - 130		09/11/25 12:43	1
Toluene-d8 (Surr)	101		70 - 130		09/11/25 12:43	1
4-Bromofluorobenzene (Surr)	99		70 - 130		09/11/25 12:43	1
Dibromofluoromethane (Surr)	93		70 - 130		09/11/25 12:43	1

Lab Sample ID: LCS 885-34439/3

Matrix: Water

Analysis Batch: 34439

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	20.0	18.2		ug/L		91	70 - 130
Benzene	20.0	20.4		ug/L		102	70 - 130
Chlorobenzene	20.0	21.7		ug/L		109	70 - 130
Toluene	20.0	21.6		ug/L		108	70 - 130
Trichloroethene (TCE)	20.0	18.1		ug/L		90	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	96		70 - 130
Toluene-d8 (Surr)	104		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130
Dibromofluoromethane (Surr)	100		70 - 130

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## QC Sample Results

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

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

Lab Sample ID: MB 885-34165/1-A

Matrix: Solid

Analysis Batch: 34442

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34165

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		09/08/25 12:28	09/11/25 12:36	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			09/08/25 12:28	09/11/25 12:36	1

Lab Sample ID: MB 885-34419/1-A

Matrix: Solid

Analysis Batch: 34427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34419

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		09/11/25 09:29	09/11/25 11:29	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			09/11/25 09:29	09/11/25 11:29	1

Lab Sample ID: LCS 885-34419/2-A

Matrix: Solid

Analysis Batch: 34427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34419

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	23.5		mg/Kg		94	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	193		15 - 150				

Lab Sample ID: 885-33022-1 MS

Matrix: Solid

Analysis Batch: 34427

Client Sample ID: S-1

Prep Type: Total/NA

Prep Batch: 34419

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		15.7	15.1		mg/Kg		96	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	206		15 - 150						

Lab Sample ID: 885-33022-1 MSD

Matrix: Solid

Analysis Batch: 34427

Client Sample ID: S-1

Prep Type: Total/NA

Prep Batch: 34419

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		15.7	15.3		mg/Kg		97	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	208		15 - 150								

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## QC Sample Results

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

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

**Lab Sample ID: LCS 885-34424/2-A**

**Matrix: Solid**

Analysis Batch: 34442

**Client Sample ID: Lab Control Sample**

Prep Type: Total/NA

Prep Batch: 34424

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics [C6 - C10]			25.0	24.9		mg/Kg		100	70 - 130		
			LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	193	S1+	15 - 150								

Lab Sample ID: 885-33022-11 MS

**Matrix: Solid**

Analysis Batch: 34442

**Client Sample ID: S-11**

Prep Type: Total/NA

Prep Batch: 34424

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics [C6 - C10]	ND		16.2	15.0		mg/Kg		93	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	189	S1+	15 - 150								

**Lab Sample ID: 885-33022-11 MSD**

**Matrix: Solid**

**Analysis Batch: 34442**

**Client Sample ID: S-11**

Prep Type: Total/NA

Prep Batch: 34424

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics [C6 - C10]	ND		16.2	14.4		mg/Kg	-	89	70 - 130	5	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	185	S1+	15 - 150								

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

**Lab Sample ID: MB 885-34165/1-A**

**Matrix: Solid**

**Analysis Batch: 34443**

**Client Sample ID: Method Blank**

Prep Type: Total/NA

**Prep Batch: 34165**

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	ND		0.025	mg/Kg		09/08/25 12:28	09/11/25 12:36	1
Ethylbenzene	ND		0.050	mg/Kg		09/08/25 12:28	09/11/25 12:36	1
Toluene	ND		0.050	mg/Kg		09/08/25 12:28	09/11/25 12:36	1
Xylenes, Total	ND		0.10	mg/Kg		09/08/25 12:28	09/11/25 12:36	1
Surrogate	MB	MB	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		15 - 150			09/08/25 12:28	09/11/25 12:36	1

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## QC Sample Results

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

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

Lab Sample ID: MB 885-34419/1-A

Matrix: Solid

Analysis Batch: 34428

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34419

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/11/25 09:29	09/11/25 11:29	1
Ethylbenzene	ND		0.050	mg/Kg		09/11/25 09:29	09/11/25 11:29	1
Toluene	ND		0.050	mg/Kg		09/11/25 09:29	09/11/25 11:29	1
Xylenes, Total	ND		0.10	mg/Kg		09/11/25 09:29	09/11/25 11:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150	09/11/25 09:29	09/11/25 11:29	1

Lab Sample ID: LCS 885-34419/3-A

Matrix: Solid

Analysis Batch: 34428

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34419

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	1.01		mg/Kg		101	70 - 130
Ethylbenzene	1.00	1.04		mg/Kg		104	70 - 130
Toluene	1.00	1.03		mg/Kg		103	70 - 130
Xylenes, Total	3.00	3.09		mg/Kg		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		15 - 150

Lab Sample ID: 885-33022-2 MS

Matrix: Solid

Analysis Batch: 34428

Client Sample ID: S-2

Prep Type: Total/NA

Prep Batch: 34419

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.687	0.681		mg/Kg		99	70 - 130
Ethylbenzene	ND		0.687	0.700		mg/Kg		102	70 - 130
Toluene	ND		0.687	0.697		mg/Kg		101	70 - 130
Xylenes, Total	ND		2.06	2.11		mg/Kg		101	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		15 - 150

Lab Sample ID: 885-33022-2 MSD

Matrix: Solid

Analysis Batch: 34428

Client Sample ID: S-2

Prep Type: Total/NA

Prep Batch: 34419

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.687	0.670		mg/Kg		97	70 - 130	2	20
Ethylbenzene	ND		0.687	0.704		mg/Kg		102	70 - 130	1	20
Toluene	ND		0.687	0.682		mg/Kg		99	70 - 130	2	20
Xylenes, Total	ND		2.06	2.12		mg/Kg		102	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		15 - 150

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## QC Sample Results

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

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

Lab Sample ID: LCS 885-34424/3-A

Matrix: Solid

Analysis Batch: 34443

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34424

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.965		mg/Kg		96	70 - 130
Ethylbenzene	1.00	0.964		mg/Kg		96	70 - 130
Toluene	1.00	0.961		mg/Kg		96	70 - 130
Xylenes, Total	3.00	2.86		mg/Kg		95	70 - 130

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

Lab Sample ID: 885-33022-12 MS

Matrix: Solid

Analysis Batch: 34443

Client Sample ID: S-12

Prep Type: Total/NA

Prep Batch: 34424

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.656	0.602		mg/Kg		92	70 - 130
Ethylbenzene	ND		0.656	0.612		mg/Kg		93	70 - 130
Toluene	ND		0.656	0.602		mg/Kg		92	70 - 130
Xylenes, Total	ND		1.97	1.82		mg/Kg		92	70 - 130

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

Lab Sample ID: 885-33022-12 MSD

Matrix: Solid

Analysis Batch: 34443

Client Sample ID: S-12

Prep Type: Total/NA

Prep Batch: 34424

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.656	0.554		mg/Kg		84	70 - 130	8	20
Ethylbenzene	ND		0.656	0.570		mg/Kg		87	70 - 130	7	20
Toluene	ND		0.656	0.558		mg/Kg		85	70 - 130	8	20
Xylenes, Total	ND		1.97	1.71		mg/Kg		87	70 - 130	6	20

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

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

Lab Sample ID: MB 885-34423/1-A

Matrix: Solid

Analysis Batch: 34317

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34423

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		09/11/25 09:46	09/11/25 13:21	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		09/11/25 09:46	09/11/25 13:21	1

Surrogate	%Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	105		62 - 134	09/11/25 09:46	09/11/25 13:21	1

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## QC Sample Results

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

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

Lab Sample ID: LCS 885-34423/2-A

Matrix: Solid

Analysis Batch: 34317

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34423

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits	Limits		
Diesel Range Organics [C10-C28]			50.0	50.9		mg/Kg		102	51 - 148		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
Di-n-octyl phthalate (Surr)	105		62 - 134								

Lab Sample ID: 885-33022-1 MS

Matrix: Solid

Analysis Batch: 34317

Client Sample ID: S-1

Prep Type: Total/NA

Prep Batch: 34423

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier			Limits			
Diesel Range Organics [C10-C28]	ND		46.7	51.9		mg/Kg		111	44 - 136		
Surrogate	MS	MS									
	%Recovery	Qualifier	Limits								
Di-n-octyl phthalate (Surr)	110		62 - 134								

Lab Sample ID: 885-33022-1 MSD

Matrix: Solid

Analysis Batch: 34317

Client Sample ID: S-1

Prep Type: Total/NA

Prep Batch: 34423

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		Limit
Diesel Range Organics [C10-C28]	ND		49.8	63.9		mg/Kg		129	44 - 136	21	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	113		62 - 134								

## Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-34433/1-A

Matrix: Solid

Analysis Batch: 34421

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34433

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		09/11/25 10:28	09/11/25 12:11	1

Lab Sample ID: LCS 885-34433/2-A

Matrix: Solid

Analysis Batch: 34421

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	49.7	48.8		mg/Kg		98	90 - 110

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QC Sample Results

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 885-33022-13 MS Matrix: Solid Analysis Batch: 34421										Client Sample ID: BF-1 Prep Type: Total/NA Prep Batch: 34433		
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits			
Chloride	ND		50.7	ND		mg/Kg		NC	50 - 150			
Lab Sample ID: 885-33022-13 MSD Matrix: Solid Analysis Batch: 34421										Client Sample ID: BF-1 Prep Type: Total/NA Prep Batch: 34433		
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	ND		50.7	ND		mg/Kg		NC	50 - 150	NC	20	
Lab Sample ID: 885-33022-14 MS Matrix: Solid Analysis Batch: 34421										Client Sample ID: SP-1 Prep Type: Total/NA Prep Batch: 34433		
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits			
Chloride	ND		50.5	ND		mg/Kg		NC	50 - 150			
Lab Sample ID: 885-33022-14 MSD Matrix: Solid Analysis Batch: 34421										Client Sample ID: SP-1 Prep Type: Total/NA Prep Batch: 34433		
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	ND		50.5	ND		mg/Kg		NC	50 - 150	NC	20	

QC Association Summary

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

GC/MS VOA

Analysis Batch: 34439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-33022-16	GW-1	Total/NA	Water	8260B	
MB 885-34439/4	Method Blank	Total/NA	Water	8260B	
LCS 885-34439/3	Lab Control Sample	Total/NA	Water	8260B	

GC VOA

Prep Batch: 34165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-34165/1-A	Method Blank	Total/NA	Solid	5030C	

Prep Batch: 34419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-33022-1	S-1	Total/NA	Solid	5035	
885-33022-2	S-2	Total/NA	Solid	5035	
885-33022-3	S-3	Total/NA	Solid	5035	
885-33022-4	S-4	Total/NA	Solid	5035	
885-33022-5	S-5	Total/NA	Solid	5035	
885-33022-6	S-6	Total/NA	Solid	5035	
885-33022-7	S-7	Total/NA	Solid	5035	
885-33022-8	S-8	Total/NA	Solid	5035	
885-33022-9	S-9	Total/NA	Solid	5035	
885-33022-10	S-10	Total/NA	Solid	5035	
MB 885-34419/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-34419/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-34419/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-33022-1 MS	S-1	Total/NA	Solid	5035	
885-33022-1 MSD	S-1	Total/NA	Solid	5035	
885-33022-2 MS	S-2	Total/NA	Solid	5035	
885-33022-2 MSD	S-2	Total/NA	Solid	5035	

Prep Batch: 34424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-33022-11	S-11	Total/NA	Solid	5035	
885-33022-12	S-12	Total/NA	Solid	5035	
885-33022-13	BF-1	Total/NA	Solid	5035	
885-33022-14	SP-1	Total/NA	Solid	5035	
LCS 885-34424/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-34424/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-33022-11 MS	S-11	Total/NA	Solid	5035	
885-33022-11 MSD	S-11	Total/NA	Solid	5035	
885-33022-12 MS	S-12	Total/NA	Solid	5035	
885-33022-12 MSD	S-12	Total/NA	Solid	5035	

Analysis Batch: 34427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-33022-1	S-1	Total/NA	Solid	8015M/D	34419
885-33022-2	S-2	Total/NA	Solid	8015M/D	34419
885-33022-3	S-3	Total/NA	Solid	8015M/D	34419
885-33022-4	S-4	Total/NA	Solid	8015M/D	34419
885-33022-5	S-5	Total/NA	Solid	8015M/D	34419
885-33022-6	S-6	Total/NA	Solid	8015M/D	34419

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## QC Association Summary

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

## GC VOA (Continued)

## Analysis Batch: 34427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-33022-7	S-7	Total/NA	Solid	8015M/D	34419
885-33022-8	S-8	Total/NA	Solid	8015M/D	34419
885-33022-9	S-9	Total/NA	Solid	8015M/D	34419
885-33022-10	S-10	Total/NA	Solid	8015M/D	34419
MB 885-34419/1-A	Method Blank	Total/NA	Solid	8015M/D	34419
LCS 885-34419/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	34419
885-33022-1 MS	S-1	Total/NA	Solid	8015M/D	34419
885-33022-1 MSD	S-1	Total/NA	Solid	8015M/D	34419

## Analysis Batch: 34428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-33022-1	S-1	Total/NA	Solid	8021B	34419
885-33022-2	S-2	Total/NA	Solid	8021B	34419
885-33022-3	S-3	Total/NA	Solid	8021B	34419
885-33022-4	S-4	Total/NA	Solid	8021B	34419
885-33022-5	S-5	Total/NA	Solid	8021B	34419
885-33022-6	S-6	Total/NA	Solid	8021B	34419
885-33022-7	S-7	Total/NA	Solid	8021B	34419
885-33022-8	S-8	Total/NA	Solid	8021B	34419
885-33022-9	S-9	Total/NA	Solid	8021B	34419
885-33022-10	S-10	Total/NA	Solid	8021B	34419
MB 885-34419/1-A	Method Blank	Total/NA	Solid	8021B	34419
LCS 885-34419/3-A	Lab Control Sample	Total/NA	Solid	8021B	34419
885-33022-2 MS	S-2	Total/NA	Solid	8021B	34419
885-33022-2 MSD	S-2	Total/NA	Solid	8021B	34419

## Analysis Batch: 34442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-33022-11	S-11	Total/NA	Solid	8015M/D	34424
885-33022-12	S-12	Total/NA	Solid	8015M/D	34424
885-33022-13	BF-1	Total/NA	Solid	8015M/D	34424
885-33022-14	SP-1	Total/NA	Solid	8015M/D	34424
MB 885-34165/1-A	Method Blank	Total/NA	Solid	8015M/D	34165
LCS 885-34424/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	34424
885-33022-11 MS	S-11	Total/NA	Solid	8015M/D	34424
885-33022-11 MSD	S-11	Total/NA	Solid	8015M/D	34424

## Analysis Batch: 34443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-33022-11	S-11	Total/NA	Solid	8021B	34424
885-33022-12	S-12	Total/NA	Solid	8021B	34424
885-33022-13	BF-1	Total/NA	Solid	8021B	34424
885-33022-14	SP-1	Total/NA	Solid	8021B	34424
MB 885-34165/1-A	Method Blank	Total/NA	Solid	8021B	34165
LCS 885-34424/3-A	Lab Control Sample	Total/NA	Solid	8021B	34424
885-33022-12 MS	S-12	Total/NA	Solid	8021B	34424
885-33022-12 MSD	S-12	Total/NA	Solid	8021B	34424

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## QC Association Summary

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

## GC Semi VOA

## Analysis Batch: 34317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-33022-1	S-1	Total/NA	Solid	8015M/D	34423
885-33022-2	S-2	Total/NA	Solid	8015M/D	34423
885-33022-3	S-3	Total/NA	Solid	8015M/D	34423
885-33022-4	S-4	Total/NA	Solid	8015M/D	34423
885-33022-5	S-5	Total/NA	Solid	8015M/D	34423
885-33022-6	S-6	Total/NA	Solid	8015M/D	34423
885-33022-7	S-7	Total/NA	Solid	8015M/D	34423
885-33022-8	S-8	Total/NA	Solid	8015M/D	34423
885-33022-9	S-9	Total/NA	Solid	8015M/D	34423
MB 885-34423/1-A	Method Blank	Total/NA	Solid	8015M/D	34423
LCS 885-34423/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	34423
885-33022-1 MS	S-1	Total/NA	Solid	8015M/D	34423
885-33022-1 MSD	S-1	Total/NA	Solid	8015M/D	34423

## Analysis Batch: 34322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-33022-10	S-10	Total/NA	Solid	8015M/D	34423
885-33022-11	S-11	Total/NA	Solid	8015M/D	34423
885-33022-12	S-12	Total/NA	Solid	8015M/D	34423
885-33022-13	BF-1	Total/NA	Solid	8015M/D	34423
885-33022-14	SP-1	Total/NA	Solid	8015M/D	34423

## Prep Batch: 34423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-33022-1	S-1	Total/NA	Solid	SHAKE	
885-33022-2	S-2	Total/NA	Solid	SHAKE	
885-33022-3	S-3	Total/NA	Solid	SHAKE	
885-33022-4	S-4	Total/NA	Solid	SHAKE	
885-33022-5	S-5	Total/NA	Solid	SHAKE	
885-33022-6	S-6	Total/NA	Solid	SHAKE	
885-33022-7	S-7	Total/NA	Solid	SHAKE	
885-33022-8	S-8	Total/NA	Solid	SHAKE	
885-33022-9	S-9	Total/NA	Solid	SHAKE	
885-33022-10	S-10	Total/NA	Solid	SHAKE	
885-33022-11	S-11	Total/NA	Solid	SHAKE	
885-33022-12	S-12	Total/NA	Solid	SHAKE	
885-33022-13	BF-1	Total/NA	Solid	SHAKE	
885-33022-14	SP-1	Total/NA	Solid	SHAKE	
MB 885-34423/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-34423/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-33022-1 MS	S-1	Total/NA	Solid	SHAKE	
885-33022-1 MSD	S-1	Total/NA	Solid	SHAKE	

## HPLC/IC

## Analysis Batch: 34421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-33022-1	S-1	Total/NA	Solid	300.0	34433
885-33022-2	S-2	Total/NA	Solid	300.0	34433
885-33022-3	S-3	Total/NA	Solid	300.0	34433
885-33022-4	S-4	Total/NA	Solid	300.0	34433

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## QC Association Summary

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

## HPLC/IC (Continued)

## Analysis Batch: 34421 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-33022-5	S-5	Total/NA	Solid	300.0	34433
885-33022-6	S-6	Total/NA	Solid	300.0	34433
885-33022-7	S-7	Total/NA	Solid	300.0	34433
885-33022-8	S-8	Total/NA	Solid	300.0	34433
885-33022-9	S-9	Total/NA	Solid	300.0	34433
885-33022-10	S-10	Total/NA	Solid	300.0	34433
885-33022-11	S-11	Total/NA	Solid	300.0	34433
885-33022-12	S-12	Total/NA	Solid	300.0	34433
885-33022-13	BF-1	Total/NA	Solid	300.0	34433
885-33022-14	SP-1	Total/NA	Solid	300.0	34433
MB 885-34433/1-A	Method Blank	Total/NA	Solid	300.0	34433
LCS 885-34433/2-A	Lab Control Sample	Total/NA	Solid	300.0	34433
885-33022-13 MS	BF-1	Total/NA	Solid	300.0	34433
885-33022-13 MSD	BF-1	Total/NA	Solid	300.0	34433
885-33022-14 MS	SP-1	Total/NA	Solid	300.0	34433
885-33022-14 MSD	SP-1	Total/NA	Solid	300.0	34433

## Prep Batch: 34433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-33022-1	S-1	Total/NA	Solid	300_Prep	
885-33022-2	S-2	Total/NA	Solid	300_Prep	
885-33022-3	S-3	Total/NA	Solid	300_Prep	
885-33022-4	S-4	Total/NA	Solid	300_Prep	
885-33022-5	S-5	Total/NA	Solid	300_Prep	
885-33022-6	S-6	Total/NA	Solid	300_Prep	
885-33022-7	S-7	Total/NA	Solid	300_Prep	
885-33022-8	S-8	Total/NA	Solid	300_Prep	
885-33022-9	S-9	Total/NA	Solid	300_Prep	
885-33022-10	S-10	Total/NA	Solid	300_Prep	
885-33022-11	S-11	Total/NA	Solid	300_Prep	
885-33022-12	S-12	Total/NA	Solid	300_Prep	
885-33022-13	BF-1	Total/NA	Solid	300_Prep	
885-33022-14	SP-1	Total/NA	Solid	300_Prep	
MB 885-34433/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-34433/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-33022-13 MS	BF-1	Total/NA	Solid	300_Prep	
885-33022-13 MSD	BF-1	Total/NA	Solid	300_Prep	
885-33022-14 MS	SP-1	Total/NA	Solid	300_Prep	
885-33022-14 MSD	SP-1	Total/NA	Solid	300_Prep	

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Lab Chronicle

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

Client Sample ID: S-1  
Date Collected: 09/10/25 13:00  
Date Received: 09/11/25 07:15

Lab Sample ID: 885-33022-1  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			34419	KLS	EET ALB	09/11/25 09:29
Total/NA	Analysis	8015M/D		1	34427	KLS	EET ALB	09/11/25 11:52
Total/NA	Prep	5035			34419	KLS	EET ALB	09/11/25 09:29
Total/NA	Analysis	8021B		1	34428	KLS	EET ALB	09/11/25 11:52
Total/NA	Prep	SHAKE			34423	BZR	EET ALB	09/11/25 09:46
Total/NA	Analysis	8015M/D		1	34317	EM	EET ALB	09/11/25 13:46
Total/NA	Prep	300_Prep			34433	MA	EET ALB	09/11/25 10:28
Total/NA	Analysis	300.0		10	34421	RC	EET ALB	09/11/25 12:39

Client Sample ID: S-2  
Date Collected: 09/10/25 13:05  
Date Received: 09/11/25 07:15

Lab Sample ID: 885-33022-2  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			34419	KLS	EET ALB	09/11/25 09:29
Total/NA	Analysis	8015M/D		1	34427	KLS	EET ALB	09/11/25 12:16
Total/NA	Prep	5035			34419	KLS	EET ALB	09/11/25 09:29
Total/NA	Analysis	8021B		1	34428	KLS	EET ALB	09/11/25 12:16
Total/NA	Prep	SHAKE			34423	BZR	EET ALB	09/11/25 09:46
Total/NA	Analysis	8015M/D		1	34317	EM	EET ALB	09/11/25 14:23
Total/NA	Prep	300_Prep			34433	MA	EET ALB	09/11/25 10:28
Total/NA	Analysis	300.0		10	34421	RC	EET ALB	09/11/25 12:49

Client Sample ID: S-3  
Date Collected: 09/10/25 13:10  
Date Received: 09/11/25 07:15

Lab Sample ID: 885-33022-3  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			34419	KLS	EET ALB	09/11/25 09:29
Total/NA	Analysis	8015M/D		1	34427	KLS	EET ALB	09/11/25 12:40
Total/NA	Prep	5035			34419	KLS	EET ALB	09/11/25 09:29
Total/NA	Analysis	8021B		1	34428	KLS	EET ALB	09/11/25 12:40
Total/NA	Prep	SHAKE			34423	BZR	EET ALB	09/11/25 09:46
Total/NA	Analysis	8015M/D		1	34317	EM	EET ALB	09/11/25 14:36
Total/NA	Prep	300_Prep			34433	MA	EET ALB	09/11/25 10:28
Total/NA	Analysis	300.0		10	34421	RC	EET ALB	09/11/25 12:59

Client Sample ID: S-4  
Date Collected: 09/10/25 13:15  
Date Received: 09/11/25 07:15

Lab Sample ID: 885-33022-4  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			34419	KLS	EET ALB	09/11/25 09:29
Total/NA	Analysis	8015M/D		1	34427	KLS	EET ALB	09/11/25 13:03

Lab Chronicle

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

Client Sample ID: S-4  
Date Collected: 09/10/25 13:15  
Date Received: 09/11/25 07:15

Lab Sample ID: 885-33022-4  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			34419	KLS	EET ALB	09/11/25 09:29
Total/NA	Analysis	8021B		1	34428	KLS	EET ALB	09/11/25 13:03
Total/NA	Prep	SHAKE			34423	BZR	EET ALB	09/11/25 09:46
Total/NA	Analysis	8015M/D		1	34317	EM	EET ALB	09/11/25 14:48
Total/NA	Prep	300_Prep			34433	MA	EET ALB	09/11/25 10:28
Total/NA	Analysis	300.0		10	34421	RC	EET ALB	09/11/25 13:10

Client Sample ID: S-5  
Date Collected: 09/10/25 13:20  
Date Received: 09/11/25 07:15

Lab Sample ID: 885-33022-5  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			34419	KLS	EET ALB	09/11/25 09:29
Total/NA	Analysis	8015M/D		1	34427	KLS	EET ALB	09/11/25 13:27
Total/NA	Prep	5035			34419	KLS	EET ALB	09/11/25 09:29
Total/NA	Analysis	8021B		1	34428	KLS	EET ALB	09/11/25 13:27
Total/NA	Prep	SHAKE			34423	BZR	EET ALB	09/11/25 09:46
Total/NA	Analysis	8015M/D		1	34317	EM	EET ALB	09/11/25 15:01
Total/NA	Prep	300_Prep			34433	MA	EET ALB	09/11/25 10:28
Total/NA	Analysis	300.0		10	34421	RC	EET ALB	09/11/25 13:20

Client Sample ID: S-6  
Date Collected: 09/10/25 13:25  
Date Received: 09/11/25 07:15

Lab Sample ID: 885-33022-6  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			34419	KLS	EET ALB	09/11/25 09:29
Total/NA	Analysis	8015M/D		1	34427	KLS	EET ALB	09/11/25 13:51
Total/NA	Prep	5035			34419	KLS	EET ALB	09/11/25 09:29
Total/NA	Analysis	8021B		1	34428	KLS	EET ALB	09/11/25 13:51
Total/NA	Prep	SHAKE			34423	BZR	EET ALB	09/11/25 09:46
Total/NA	Analysis	8015M/D		1	34317	EM	EET ALB	09/11/25 15:13
Total/NA	Prep	300_Prep			34433	MA	EET ALB	09/11/25 10:28
Total/NA	Analysis	300.0		10	34421	RC	EET ALB	09/11/25 13:30

Client Sample ID: S-7  
Date Collected: 09/10/25 13:30  
Date Received: 09/11/25 07:15

Lab Sample ID: 885-33022-7  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			34419	KLS	EET ALB	09/11/25 09:29
Total/NA	Analysis	8015M/D		1	34427	KLS	EET ALB	09/11/25 14:14
Total/NA	Prep	5035			34419	KLS	EET ALB	09/11/25 09:29
Total/NA	Analysis	8021B		1	34428	KLS	EET ALB	09/11/25 14:14

Lab Chronicle

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

Client Sample ID: S-7  
Date Collected: 09/10/25 13:30  
Date Received: 09/11/25 07:15

Lab Sample ID: 885-33022-7  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			34423	BZR	EET ALB	09/11/25 09:46
Total/NA	Analysis	8015M/D		1	34317	EM	EET ALB	09/11/25 15:26
Total/NA	Prep	300_Prep			34433	MA	EET ALB	09/11/25 10:28
Total/NA	Analysis	300.0		10	34421	RC	EET ALB	09/11/25 13:41

Client Sample ID: S-8  
Date Collected: 09/10/25 13:35  
Date Received: 09/11/25 07:15

Lab Sample ID: 885-33022-8  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			34419	KLS	EET ALB	09/11/25 09:29
Total/NA	Analysis	8015M/D		1	34427	KLS	EET ALB	09/11/25 14:38
Total/NA	Prep	5035			34419	KLS	EET ALB	09/11/25 09:29
Total/NA	Analysis	8021B		1	34428	KLS	EET ALB	09/11/25 14:38
Total/NA	Prep	SHAKE			34423	BZR	EET ALB	09/11/25 09:46
Total/NA	Analysis	8015M/D		1	34317	EM	EET ALB	09/11/25 15:38
Total/NA	Prep	300_Prep			34433	MA	EET ALB	09/11/25 10:28
Total/NA	Analysis	300.0		10	34421	RC	EET ALB	09/11/25 13:51

Client Sample ID: S-9  
Date Collected: 09/10/25 13:40  
Date Received: 09/11/25 07:15

Lab Sample ID: 885-33022-9  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			34419	KLS	EET ALB	09/11/25 09:29
Total/NA	Analysis	8015M/D		1	34427	KLS	EET ALB	09/11/25 15:02
Total/NA	Prep	5035			34419	KLS	EET ALB	09/11/25 09:29
Total/NA	Analysis	8021B		1	34428	KLS	EET ALB	09/11/25 15:02
Total/NA	Prep	SHAKE			34423	BZR	EET ALB	09/11/25 09:46
Total/NA	Analysis	8015M/D		1	34317	EM	EET ALB	09/11/25 15:51
Total/NA	Prep	300_Prep			34433	MA	EET ALB	09/11/25 10:28
Total/NA	Analysis	300.0		10	34421	RC	EET ALB	09/11/25 14:22

Client Sample ID: S-10  
Date Collected: 09/10/25 13:45  
Date Received: 09/11/25 07:15

Lab Sample ID: 885-33022-10  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			34419	KLS	EET ALB	09/11/25 09:29
Total/NA	Analysis	8015M/D		1	34427	KLS	EET ALB	09/11/25 15:25
Total/NA	Prep	5035			34419	KLS	EET ALB	09/11/25 09:29
Total/NA	Analysis	8021B		1	34428	KLS	EET ALB	09/11/25 15:25
Total/NA	Prep	SHAKE			34423	BZR	EET ALB	09/11/25 09:46
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/11/25 11:39

Eurofins Albuquerque

Lab Chronicle

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

Client Sample ID: S-10  
Date Collected: 09/10/25 13:45  
Date Received: 09/11/25 07:15

Lab Sample ID: 885-33022-10  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			34433	MA	EET ALB	09/11/25 10:28
Total/NA	Analysis	300.0		10	34421	RC	EET ALB	09/11/25 14:32

Client Sample ID: S-11  
Date Collected: 09/10/25 13:50  
Date Received: 09/11/25 07:15

Lab Sample ID: 885-33022-11  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			34424	KLS	EET ALB	09/11/25 09:46
Total/NA	Analysis	8015M/D		1	34442	AT	EET ALB	09/11/25 12:57
Total/NA	Prep	5035			34424	KLS	EET ALB	09/11/25 09:46
Total/NA	Analysis	8021B		1	34443	AT	EET ALB	09/11/25 12:57
Total/NA	Prep	SHAKE			34423	BZR	EET ALB	09/11/25 09:46
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/11/25 12:02
Total/NA	Prep	300_Prep			34433	MA	EET ALB	09/11/25 10:28
Total/NA	Analysis	300.0		10	34421	RC	EET ALB	09/11/25 14:43

Client Sample ID: S-12  
Date Collected: 09/10/25 13:55  
Date Received: 09/11/25 07:15

Lab Sample ID: 885-33022-12  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			34424	KLS	EET ALB	09/11/25 09:46
Total/NA	Analysis	8015M/D		1	34442	AT	EET ALB	09/11/25 13:19
Total/NA	Prep	5035			34424	KLS	EET ALB	09/11/25 09:46
Total/NA	Analysis	8021B		1	34443	AT	EET ALB	09/11/25 13:19
Total/NA	Prep	SHAKE			34423	BZR	EET ALB	09/11/25 09:46
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/11/25 12:26
Total/NA	Prep	300_Prep			34433	MA	EET ALB	09/11/25 10:28
Total/NA	Analysis	300.0		10	34421	RC	EET ALB	09/11/25 14:53

Client Sample ID: BF-1  
Date Collected: 09/10/25 14:00  
Date Received: 09/11/25 07:15

Lab Sample ID: 885-33022-13  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			34424	KLS	EET ALB	09/11/25 09:46
Total/NA	Analysis	8015M/D		1	34442	AT	EET ALB	09/11/25 13:41
Total/NA	Prep	5035			34424	KLS	EET ALB	09/11/25 09:46
Total/NA	Analysis	8021B		1	34443	AT	EET ALB	09/11/25 13:41
Total/NA	Prep	SHAKE			34423	BZR	EET ALB	09/11/25 09:46
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/11/25 12:49
Total/NA	Prep	300_Prep			34433	MA	EET ALB	09/11/25 10:28
Total/NA	Analysis	300.0		10	34421	RC	EET ALB	09/11/25 15:03

Lab Chronicle

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

**Client Sample ID: SP-1**  
**Date Collected: 09/10/25 14:05**  
**Date Received: 09/11/25 07:15**

**Lab Sample ID: 885-33022-14**  
**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			34424	KLS	EET ALB	09/11/25 09:46
Total/NA	Analysis	8015M/D		1	34442	AT	EET ALB	09/11/25 14:03
Total/NA	Prep	5035			34424	KLS	EET ALB	09/11/25 09:46
Total/NA	Analysis	8021B		1	34443	AT	EET ALB	09/11/25 14:03
Total/NA	Prep	SHAKE			34423	BZR	EET ALB	09/11/25 09:46
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/11/25 13:13
Total/NA	Prep	300_Prep			34433	MA	EET ALB	09/11/25 10:28
Total/NA	Analysis	300.0		10	34421	RC	EET ALB	09/11/25 15:14

**Client Sample ID: GW-1**  
**Date Collected: 09/10/25 14:30**  
**Date Received: 09/11/25 07:15**

**Lab Sample ID: 885-33022-16**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	34439	JP	EET ALB	09/11/25 13:11

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



Accreditation/Certification Summary

Client: Ensolum  
Project/Site: Kutz 3D-5

Job ID: 885-33022-1

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



# HALL ENVIRONMENTAL ANALYSIS LABORATORY

[www.hallenvironmental.com](http://www.hallenvironmental.com)

4901 Hawkins NE - Albuquerque, NM 87109

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

## Analysis Request

[illegible]

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

## Login Sample Receipt Checklist

Client: Ensolum

Job Number: 885-33022-1

Login Number: 33022

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

QUESTIONS

Action 521595

**QUESTIONS**

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 521595
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

Prerequisites	
Incident ID (n#)	nAPP2521145409
Incident Name	NAPP2521145409 KUTZ 3D-5 @ J-05-27N-12W
Incident Type	Natural Gas Release
Incident Status	Reclamation Report Received

**Location of Release Source**

Please answer all the questions in this group.

Site Name	Kutz 3D-5
Date Release Discovered	07/30/2025
Surface Owner	Navajo

**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: 5 MCF   Recovered: 0 MCF   Lost: 5 MCF.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	This was a subsurface pipeline release. Minimal fluids were observed on the ground surface. The liquid volume calculation defaults to 5 barrels.

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QUESTIONS, Page 2

Action 521595

**QUESTIONS (continued)**

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 521595
	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	<b>None</b>

*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	<b>Name: Thomas Long</b> <b>Title: Sr Field Environmental Scientist</b> <b>Email: tjlong@eprod.com</b> <b>Date: 10/30/2025</b>
--	---

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**Santa Fe, NM 87505**

QUESTIONS, Page 3

Action 521595

**QUESTIONS (continued)**

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 521595
	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 100 and 500 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
<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 1 and 100 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 100 (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 1000 (ft.) and ½ (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)	0.1
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0.1
GRO+DRO (EPA SW-846 Method 8015M)	0.1
BTEX (EPA SW-846 Method 8021B or 8260B)	0.1
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1
<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	09/09/2025
On what date will (or did) the final sampling or liner inspection occur	09/10/2025
On what date will (or was) the remediation complete(d)	09/10/2025
What is the estimated surface area (in square feet) that will be reclaimed	625
What is the estimated volume (in cubic yards) that will be reclaimed	648
What is the estimated surface area (in square feet) that will be remediated	625
What is the estimated volume (in cubic yards) that will be remediated	648
<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 521595

**QUESTIONS (continued)**

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 521595
	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: tlong@eprod.com Date: 10/30/2025
<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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**Santa Fe, NM 87505**

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Action 521595

**QUESTIONS (continued)**

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 521595
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Deferral Requests Only</b>	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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Action 521595

**QUESTIONS (continued)**

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 521595
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	521598
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/10/2025
What was the (estimated) number of samples that were to be gathered	10
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	625
What was the total volume (cubic yards) remediated	648
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	625
What was the total volume (in cubic yards) reclaimed	648
Summarize any additional remediation activities not included by answers (above)	None
<p><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></p>	
<p>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.</p>	
I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 10/30/2025

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Action 521595

**QUESTIONS (continued)**

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 521595
	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	625
What was the total volume of replacement material (in cubic yards) for this site	648
<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)	09/16/2025
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: 10/30/2025

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Action 521595

QUESTIONS (continued)

Operator:  Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID:  241602
	Action Number:  521595
	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 521595

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 521595
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
scwells	Accepted for record only. Release occurred on Tribal lands.	11/25/2025