District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NAPP2319529764
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: **Enterprise Field Services, LLC**	OGRID: **241602**
Contact Name: **Thomas Long**	Contact Telephone: **505-599-2286**
Contact email:**tjlong@eprod.com**	Incident # *(assigned by OCD)* **nAPP2319529764**
Contact mailing address: **614 Reilly Ave, Farmington, NM 87401**	

Location of Release Source

Latitude **36.49715** Longitude **-108.08172** *(NAD 83 in decimal degrees to 5 decimal places)*

Site Name **Lateral 10D-2**	Site Type **Natural Gas Gathering Pipeline**
Date Release Discovered: **07/12/2023**	Serial Number *(if applicable)*: **N/A**

Unit Letter	Section	Township	Range	County
P	**8**	**26N**	**11W**	**San Juan**

Surface Owner: ☐ State ☐ Federal ☒ Tribal ☐ Private (*Name*: **Navajo Tribal**)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls):	Volume Recovered (bbls): **None**
☒ Natural Gas	Volume Released (Mcf): **5.71 MCF**	Volume Recovered (Mcf): **None**
☐ Other (describe)	Volume/Weight Released (provide units):	Volume/Weight Recovered (provide units)

Cause of Release On July 12, 2023, Enterprise had a release of natural gas and natural gas liquids from the Lateral 10D-2 pipeline. The pipeline was isolated, depressurized, locked and tagged out. No fire nor injuries occurred. No liquids were observed on the ground surface. The release was in a small ephemeral wash (blue line on a TOPO). The impacted area was sampled on July 25, 2023. No contaminants of concern exceed NMOCD remediation standards. A third party closure report is included with this "Final" C-141.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2319529764
District RP	
Facility ID	
Application ID	

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☒ Description of remediation activities

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.

Printed Name: Thomas Long Title: Senior Environmental Scientist

Signature: Thomas Long Date: 08-29-2023

email: tjlong@eprod.com Telephone: (505) 599-2286

OCD Only

Received by: Shelly Wells Date: 8/29/2023

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

ENSOLUM

CLOSURE REPORT

Property:

Lateral 10D-2 (07/12/23)
Unit Letter P, S8 T26N R11W
San Juan County, New Mexico

New Mexico EMNRD OCD Incident ID No. NAPP2319529764

August 21, 2023

Ensolum Project No. 05A1226257

Prepared for:

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

Prepared by:

Ranee Deechilly
Project Manager

Kyle Summers
Senior Managing Geologist

TABLE OF CONTENTS

LIST OF APPENDICES

1.0 INTRODUCTION

1.1 Site Description & Background

Operator:	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)
Site Name:	Lateral 10D-2 (07/12/23) (Site)
NM EMNRD OCD Incident ID No.	NAPP2319529764
Location:	36.49715° North, 108.01842° West Unit Letter P, Section 8, Township 26 North, Range 11 West San Juan County, New Mexico
Property:	Navajo Nation
Regulatory:	Navajo Nation Environmental Protection Agency (NNEPA) and New Mexico (NM) Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

On July 12, 2023, a release of natural gas from the Lateral 10D-2 pipeline was identified by a third party. Enterprise verified a release and subsequently isolated and locked the pipeline out of service. The pipeline was near the surface, therefore Enterprise hand dug around the point of release to repair the pipeline. Although field screening did not identify any significant impact, Enterprise determined the release was "reportable" due to the proximity of a possibly significant watercourse. The NM EMNRD OCD and NNEPA were subsequently notified.

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

1.2 Project Objective

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

2.0 CLOSURE CRITERIA

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

- The NM Office of the State Engineer (OSE) tracks the usage and assignment of water rights and water well installations and records this information in the Water Rights Reporting System (WRRS) database. Water wells and other points of diversion (PODs) are each assigned POD numbers in the database (which is searchable and includes an interactive map). No PODs were identified in the same Public Land Survey System (PLSS) section as the Site. One POD (SJ-01626) was identified in an adjacent PLSS section. Documentation for SJ-01626 indicates a depth to water of 200 feet below grade surface (bgs). This POD is located approximately

1.2 miles southeast of the Site and approximately 20 feet higher in elevation than the Site (**Figure A**, **Appendix B**).

- One cathodic protection well (CPW) was identified in the NM EMNRD OCD imaging database in an adjacent PLSS section **Figure B** (**Appendix B**). Documentation for the cathodic protection well located near the Moncrief Com #1E well location indicates a depth to water of 100 feet bgs. This cathodic protection well is located approximately 0.73 miles southeast of the Site and is approximately 34 feet higher in elevation than the Site.

- The Site is located within 300 feet of a NM EMNRD OCD-defined continuously flowing watercourse or significant watercourse (**Figure C**, **Appendix B**).

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

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

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

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

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

- Based on information identified in the U.S. Fish & Wildlife Service National Wetlands Inventory Wetlands Mapper, the Site is not within 300 feet of a wetland (**Figure F**, **Appendix B**).

- 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, the applicable closure criteria for soils remaining in place at the Site include:

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

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

3.0 SOIL REMEDIATION ACTIVITIES

On July 12, 2023, Enterprise initiated activities to repair the pipeline while Ensolum provided environmental consulting support. The pipeline is located essentially at the ground surface at the point of release, but for the sake of this discussion, the area evaluated will be referred to as the excavation.

The excavation measured approximately 7.5 feet long and 2 feet wide at the maximum extents. The maximum depth of the excavation measured approximately one foot bgs. The lithology encountered during the completion of remediation activities consisted primarily of silty sand.

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 C**.

4.0 SOIL SAMPLING PROGRAM

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

Ensolum's soil sampling program included the collection of one composite soil sample (CS-1) from the excavation for laboratory analysis. The composite sample was comprised of five aliquots and represent an estimated 200 square foot (ft^2) sample area or less per guidelines outlined in Section D of 19.15.29.12 NMAC. Hand tools were utilized to obtain fresh aliquots from each area of the excavation. Regulatory correspondence is provided in **Appendix D**.

First Sampling Event

On July 25, 2023, sampling was performed at the Site. The NM EMNRD OCD and NNEPA were notified of the sampling event, although no representatives were present during sampling activities. Composite soil sample CS-1 (0-1.0') was collected from the floor and walls of the excavation.

The soil sample was collected and placed in laboratory-prepared glassware. The container was labeled and sealed using the laboratory-supplied labels and custody seals and was stored on ice in a cooler. The sample was relinquished to the courier for Hall Environmental Analysis Laboratory of Albuquerque, NM, under proper chain-of-custody procedures.

5.0 SOIL LABORATORY ANALYTICAL METHODS

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

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

6.0 SOIL DATA EVALUATION

Ensolum compared the benzene, BTEX, TPH, and chloride laboratory analytical results or laboratory practical quantitation limits (PQLs) / reporting limits (RLs) associated with the composite soil sample (CS-1) to the applicable NM EMNRD OCD closure criteria. The laboratory analytical results are summarized in **Table 1** (**Appendix E**).

- The laboratory analytical result for the composite soil sample indicates benzene is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 10 mg/kg.

- The laboratory analytical results for the composite soil indicates 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 sample indicates a combined TPH GRO/DRO/MRO concentration of 24 mg/kg, which is less than the New Mexico EMNRD OCD closure criteria of 100 mg/kg.

- The laboratory analytical result for the composite soil sample indicates chloride is not present at concentrations greater than the laboratory PQLs/RLs, which is less than the New Mexico EMNRD OCD closure criteria of 600 mg/kg.

7.0 FINDINGS AND RECOMMENDATION

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

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

8.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

8.1 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).

8.2 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.

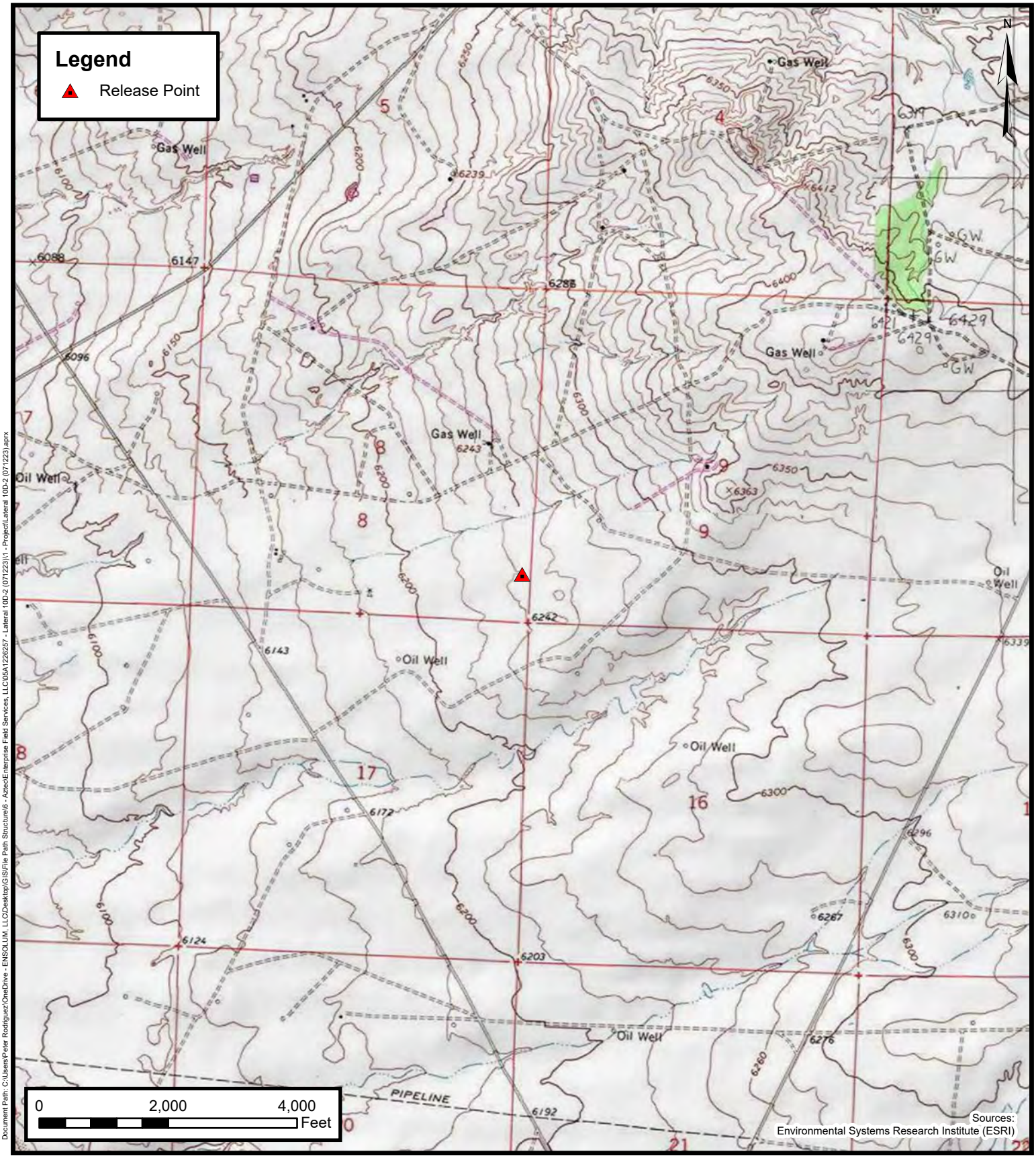
8.3 Reliance

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 the Closure 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.

ENSOLUM

APPENDIX A

Figures



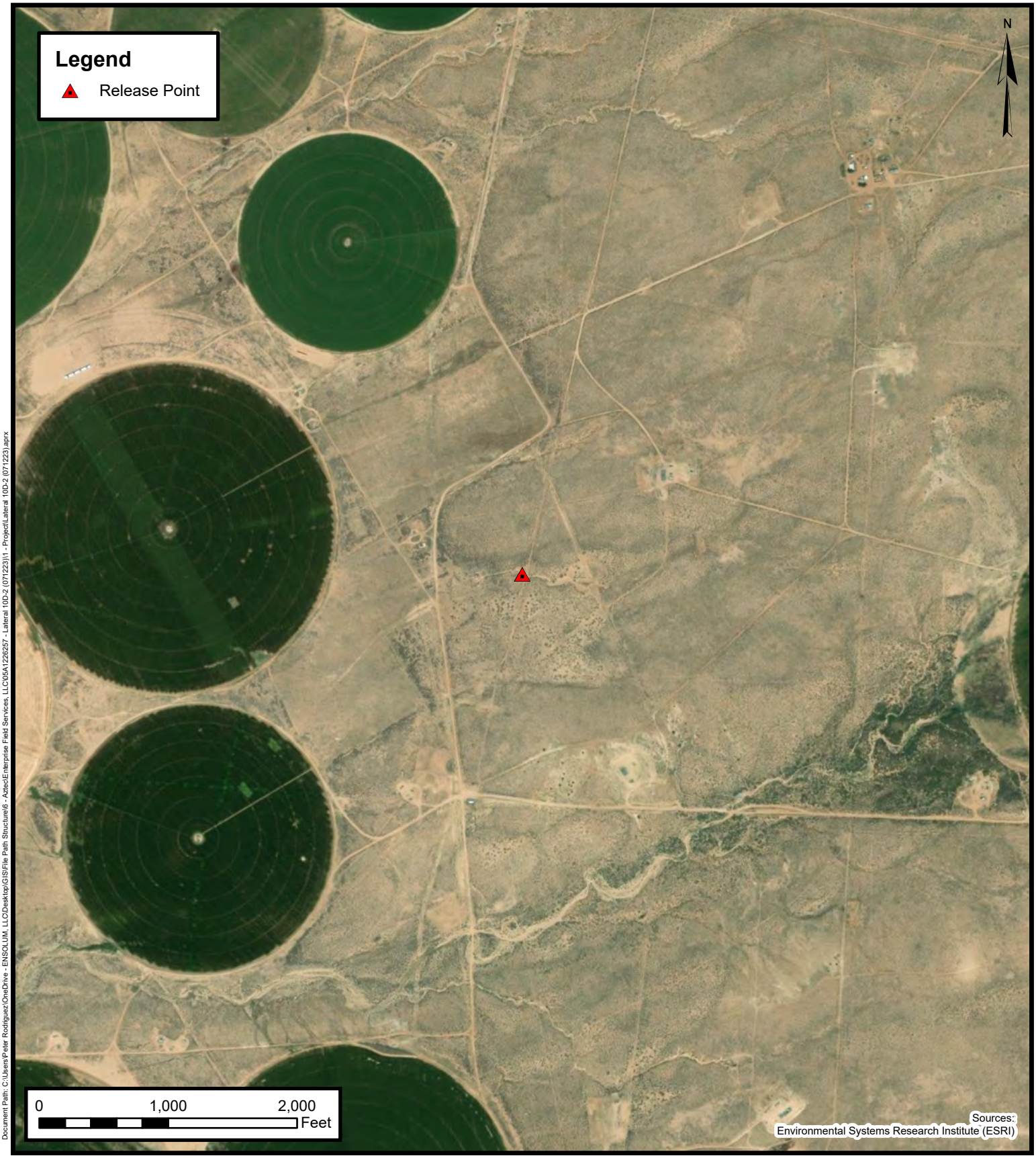
Document Path: C:\Users\Peter Rodriguez\OneDrive - ENSOLUM, LLC\Desktop\GIS\File Path Structure\6 - Aztec\Enterprise Field Services, LLC\05A1226257 - Lateral 10D-2 (07\223)\1 - Project\Lateral 10D-2 (07\223).aprx

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Topographic Map

Enterprise Field Services, LLC
Lateral 10D-2 (07/12/23)
Project Number: 05A1226257
Unit Letter P, S8 T26N R11W, San Juan County, New Mexico
36.49715, -108.01842

FIGURE
1



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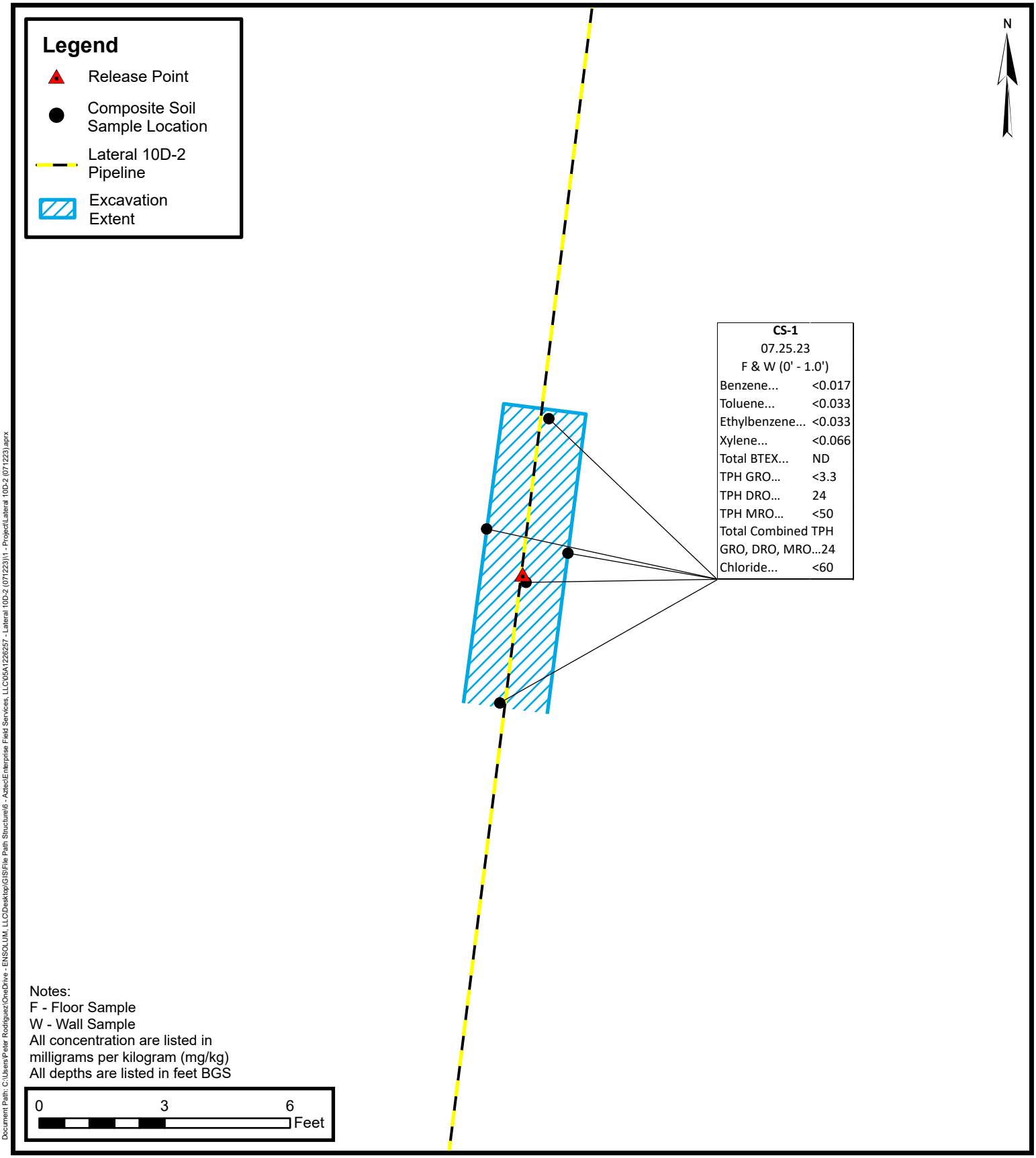
ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Site Vicinity Map

Enterprise Field Services, LLC
Lateral 10D-2 (07/12/23)
Project Number: 05A1226257
Unit Letter P, S8 T26N R11W, San Juan County, New Mexico
36.49715, -108.01842

FIGURE
2



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ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Site Map with Soil Analytical Results

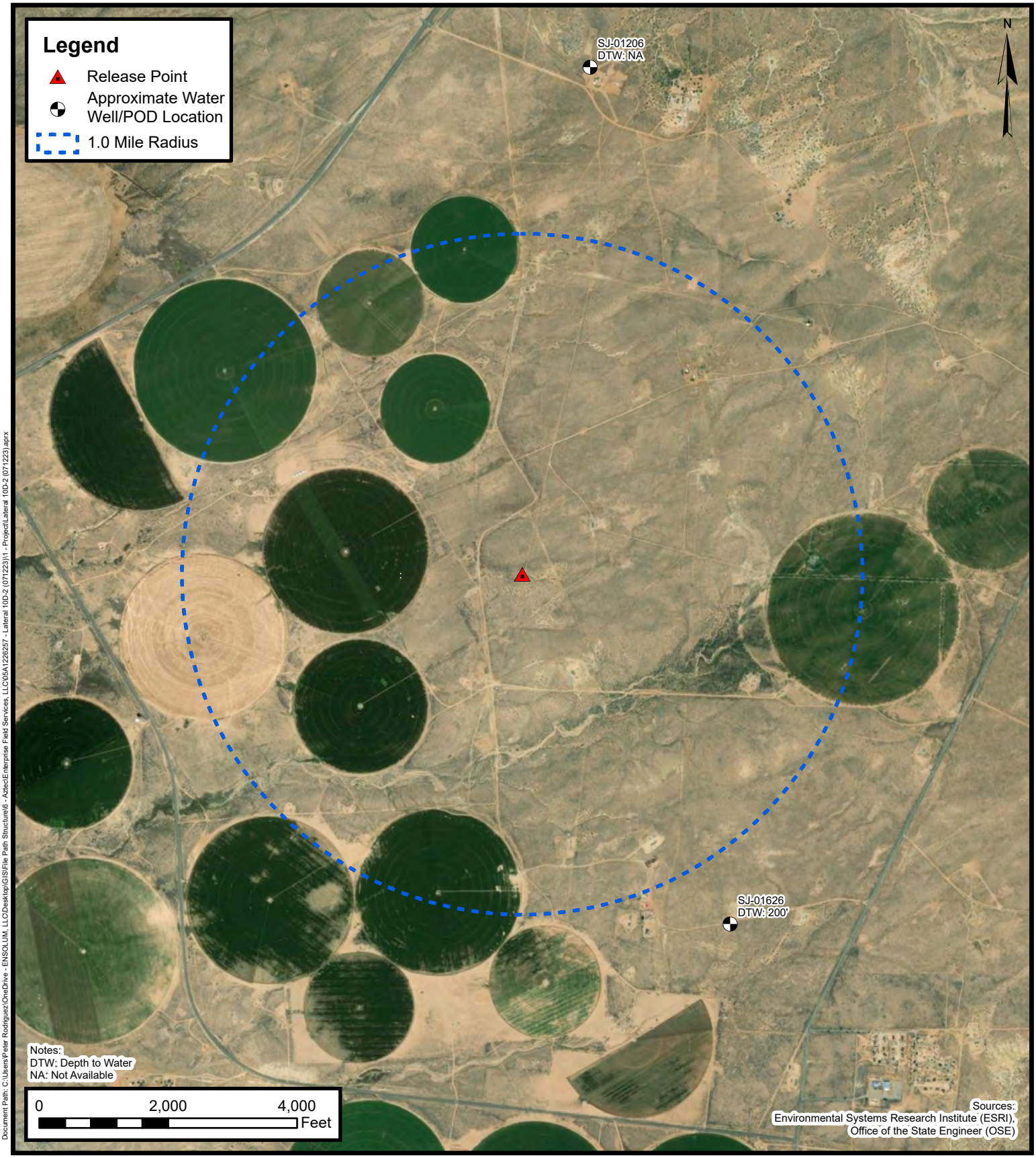
Enterprise Field Services, LLC
Lateral 10D-2 (07/12/23)
Project Number: 05A1226257
Unit Letter P, S8 T26N R11W, San Juan County, New Mexico
36.49715, -108.01842

FIGURE
3

ENSOLUM

APPENDIX B

Siting Figures and Documentation



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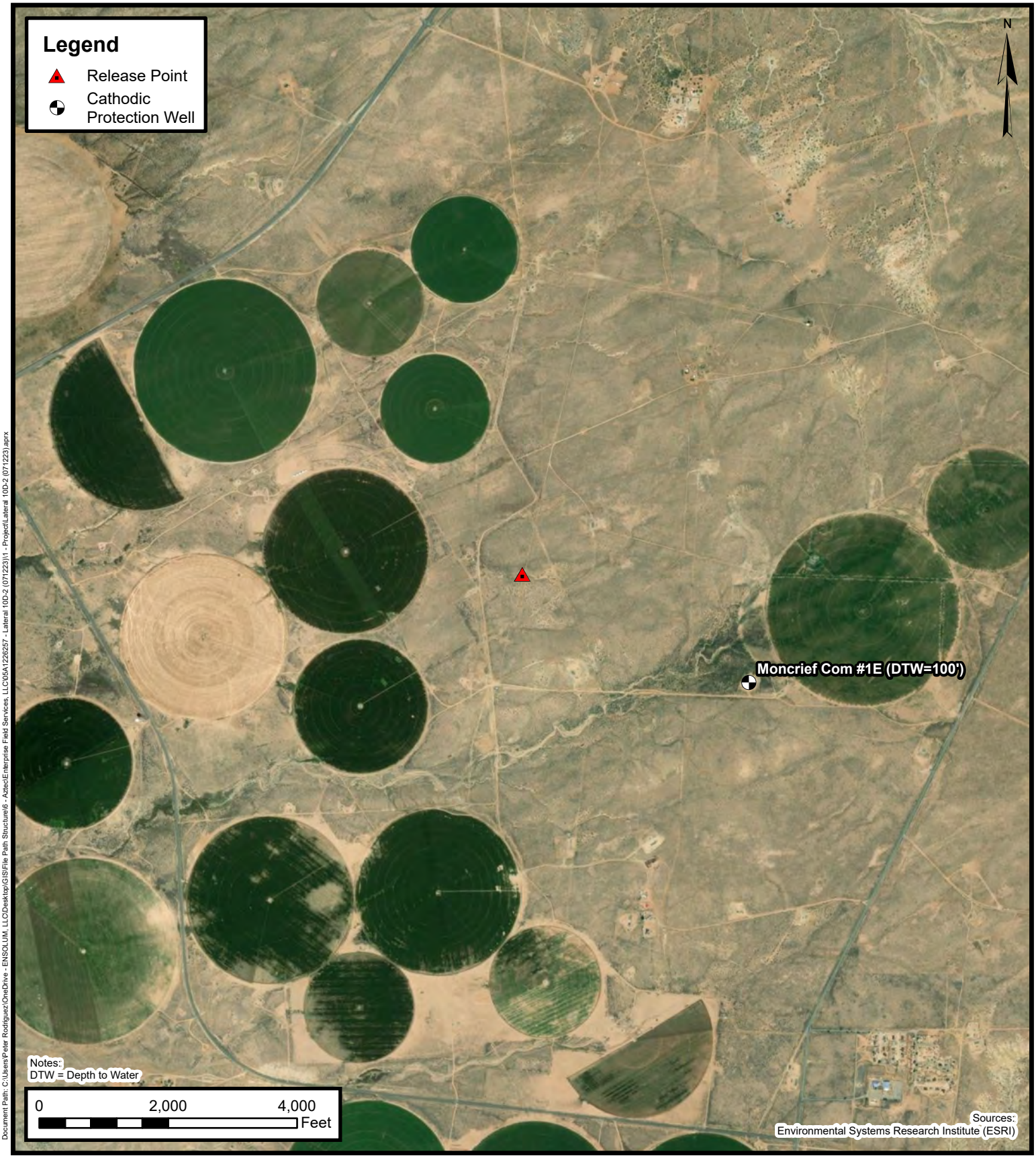
ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

1.0 Mile Radius Water Well/ Pod Location Map

Enterprise Field Services, LLC
Lateral 10D-2 (07/12/23)
Project Number: 05A1226257
Unit Letter P, S8 T26N R11W, San Juan County, New Mexico
36.49715, -108.01842

FIGURE
A



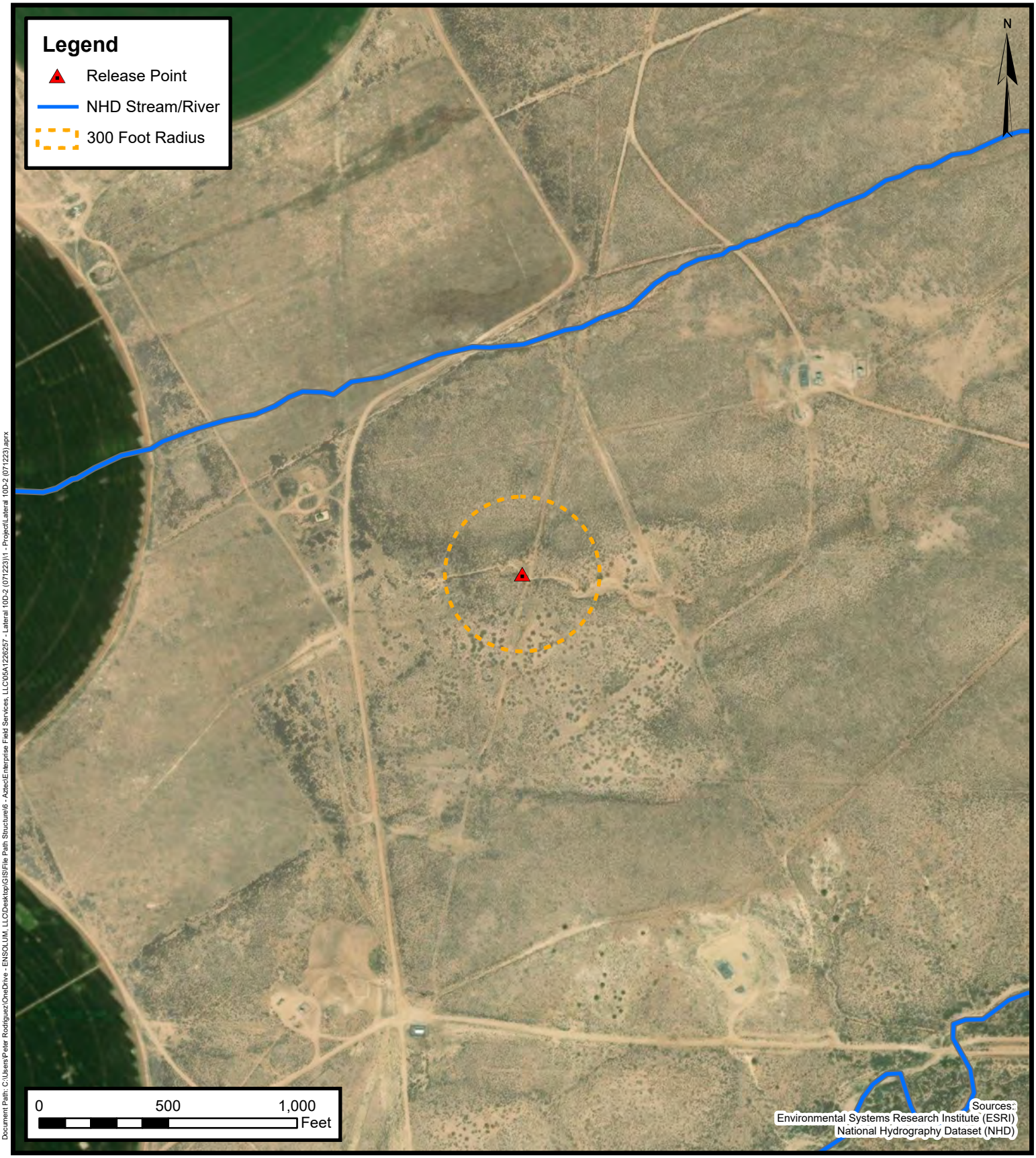
ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Cathodic Protection Well Recorded Depth to Water

Enterprise Field Services, LLC
Lateral 10D-2 (07/12/23)
Project Number: 05A1226257
Unit Letter P, S8 T26N R11W, San Juan County, New Mexico
36.49715, -108.01842

FIGURE

B



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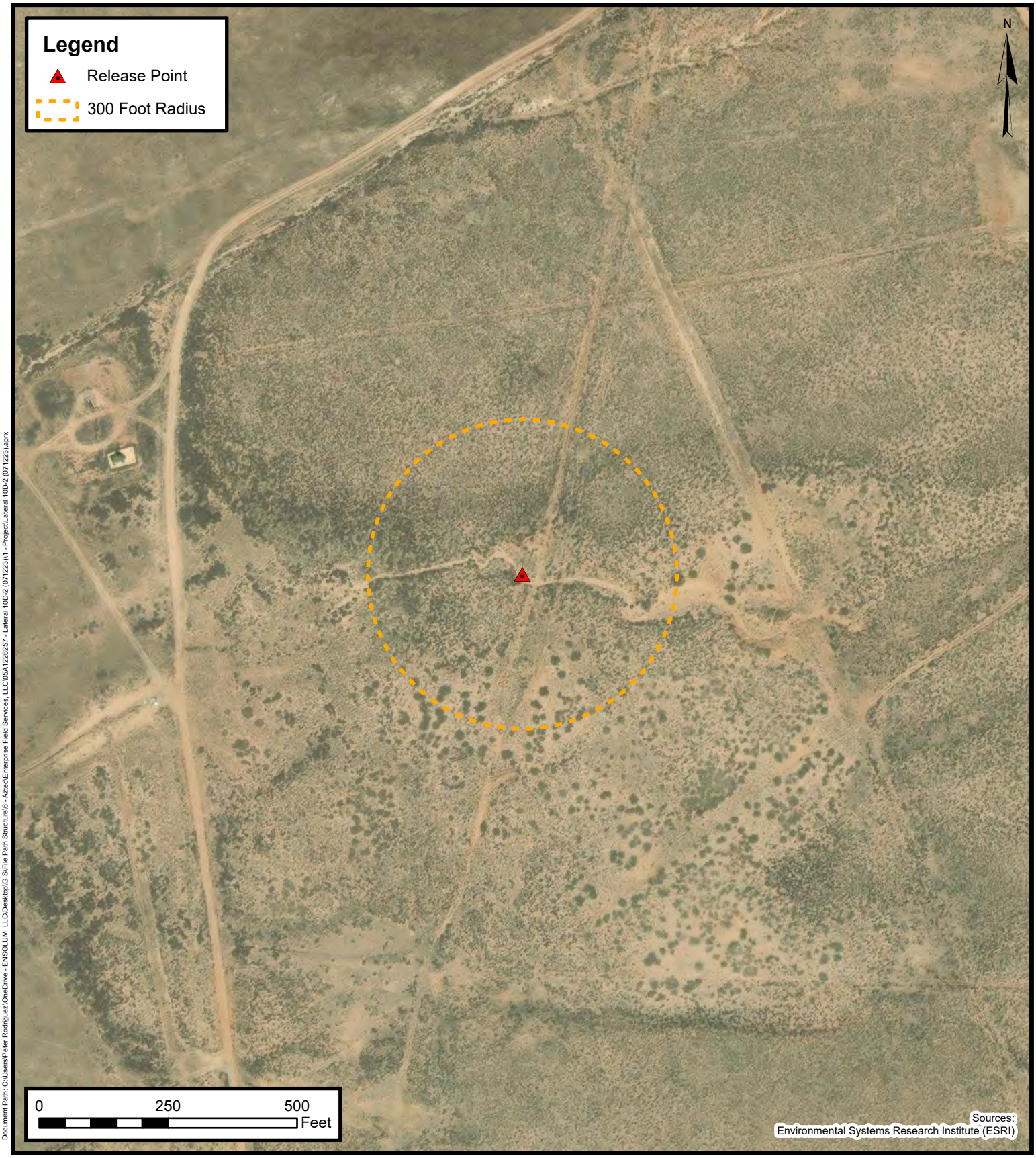
Environmental, Engineering and Hydrogeologic Consultants

300 Foot Radius Watercourse and Drainage Identification

Enterprise Field Services, LLC
Lateral 10D-2 (07/12/23)
Project Number: 05A1226257
Unit Letter P, S8 T26N R11W, San Juan County, New Mexico
36.49715, -108.01842

FIGURE

C



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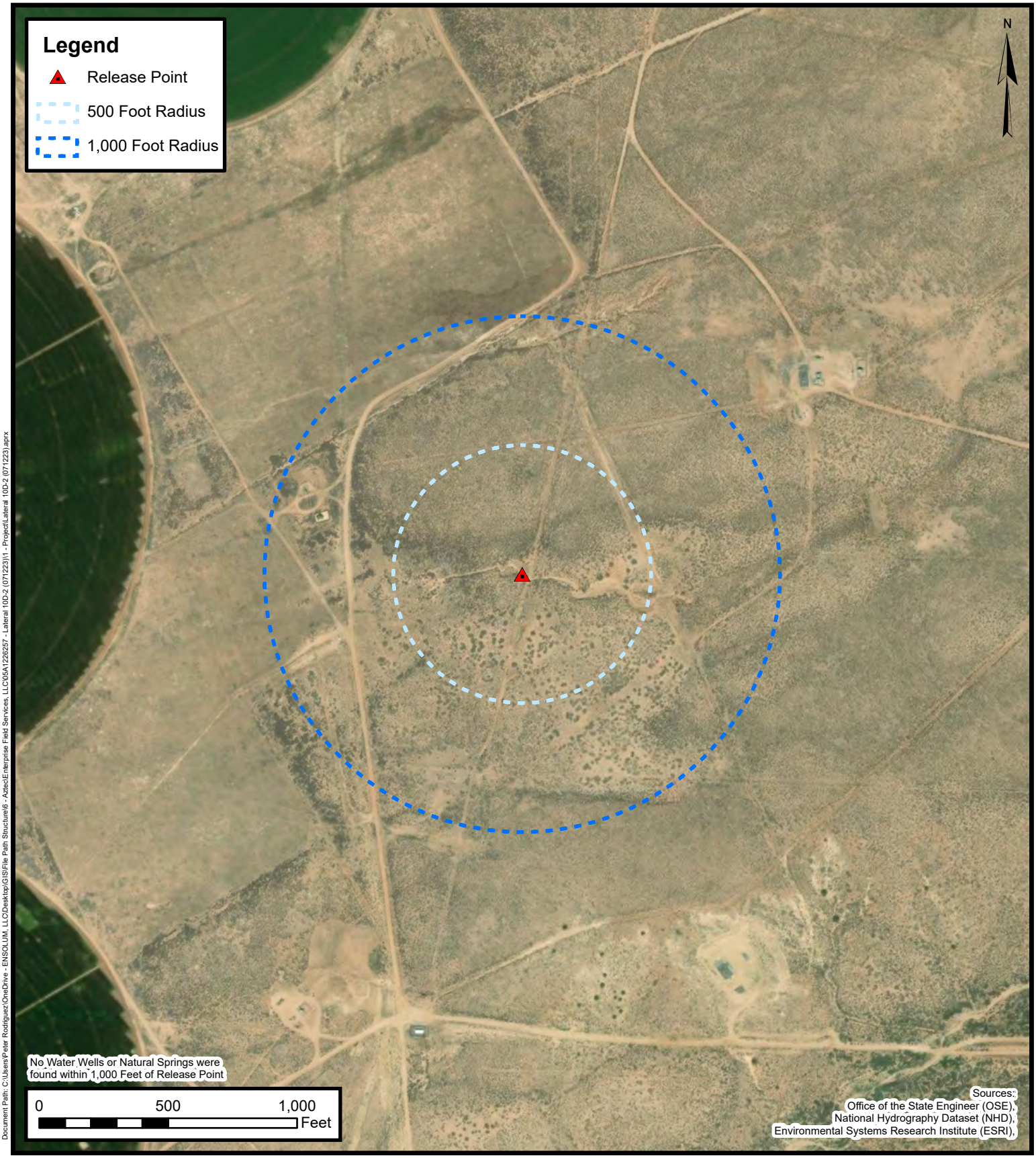
ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

300 Foot Radius Occupied Structure Identification

Enterprise Field Services, LLC
Lateral 10D-2 (07/12/23)
Project Number: 05A1226257
Unit Letter P, S8 T26N R11W, San Juan County, New Mexico
36.49715, -108.01842

FIGURE

D



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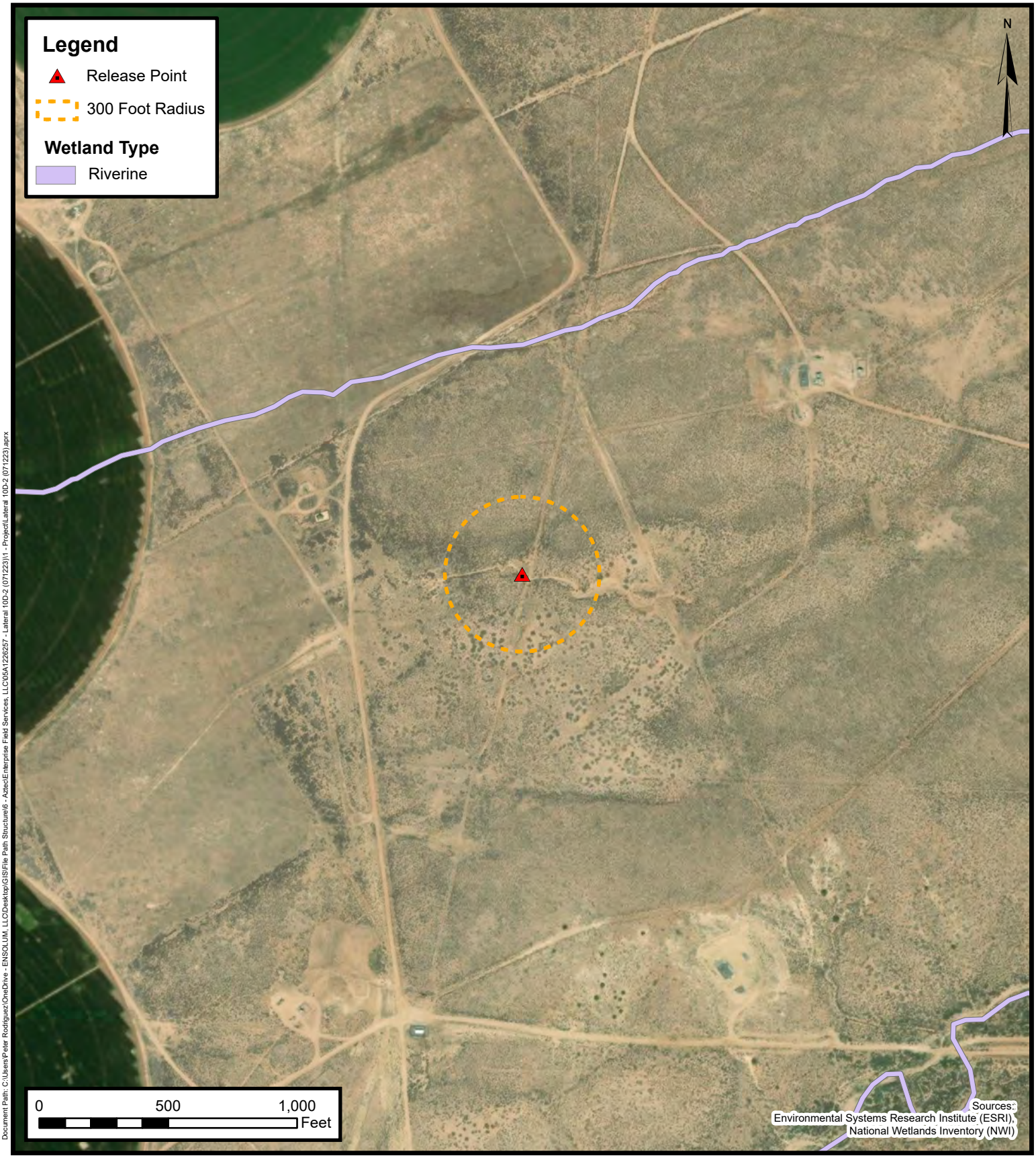
ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Water Well and Natural Spring Location
Enterprise Field Services, LLC
Lateral 10D-2 (07/12/23)
Project Number: 05A1226257
Unit Letter P, S8 T26N R11W, San Juan County, New Mexico
36.49715, -108.01842

FIGURE
E

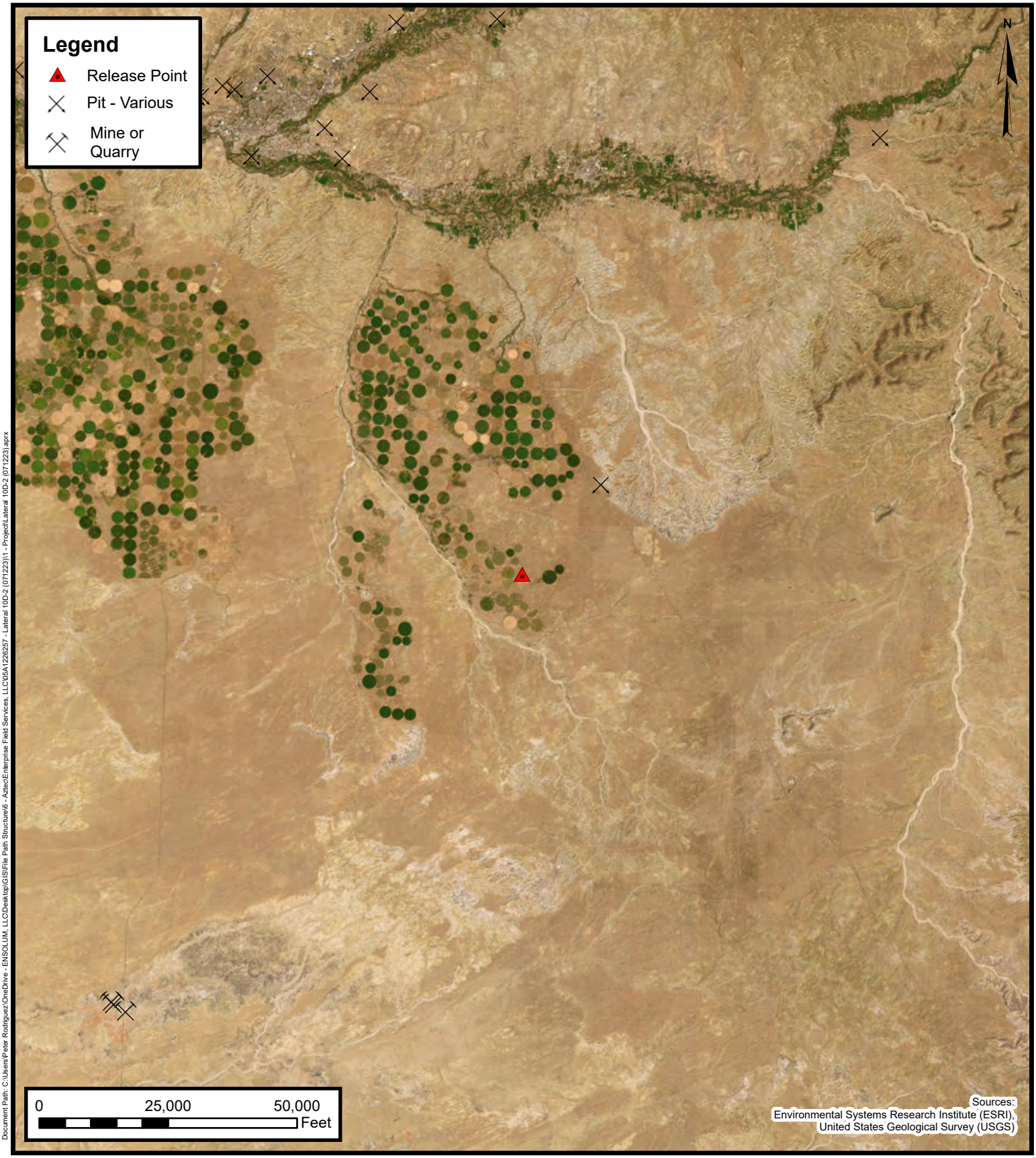


ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Wetlands

Enterprise Field Services, LLC
Lateral 10D-2 (07/12/23)
Project Number: 05A1226257
Unit Letter P, S8 T26N R11W, San Juan County, New Mexico
36.49715, -108.01842

FIGURE
F



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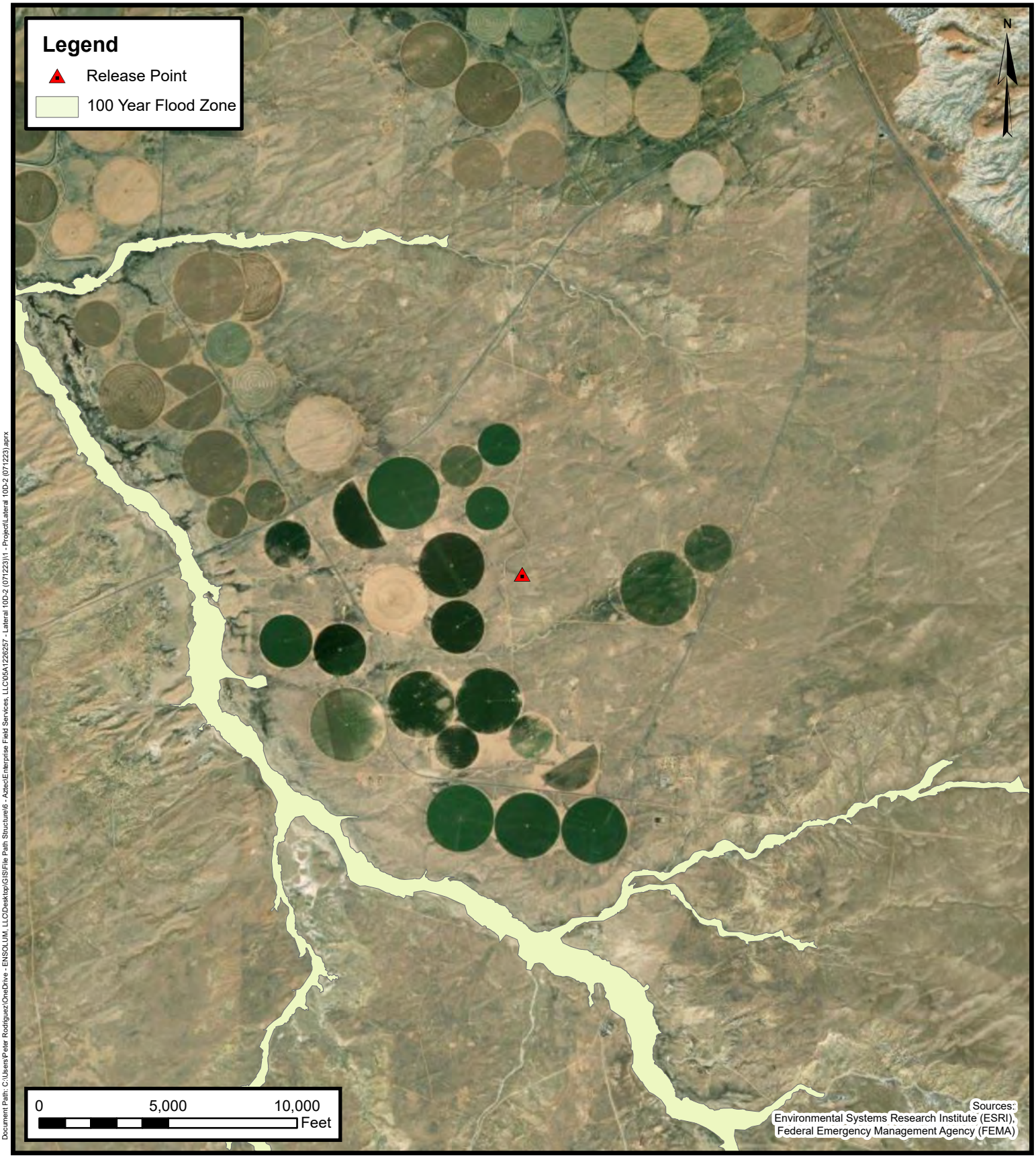
ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Mines, Mills, and Quarries

Enterprise Field Services, LLC
Lateral 10D-2 (07/12/23)
Project Number: 05A1226257
Unit Letter P, S8 T26N R11W, San Juan County, New Mexico
36.49715, -108.01842

FIGURE
G



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ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

100-Year Flood Plain Map

Enterprise Field Services, LLC
Lateral 10D-2 (07/12/23)
Project Number: 05A1226257
Unit Letter P, S8 T26N R11W, San Juan County, New Mexico
36.49715, -108.01842

FIGURE
H

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
SJ 01626	SJ	SJ	3	4		16	26N	11W	230607	4041673*	255	200	55

Average Depth to Water: **200 feet**

Minimum Depth: **200 feet**

Maximum Depth: **200 feet**

Record Count: 1

PLSS Search:

Section(s): 8, 4, 5, 6, 7, 9, 16, 17, 18 **Township:** 26N **Range:** 11W

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

3724

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

Operator Meridian Oil Co. Location: Unit B Sec. 16 Twp 26 Rng 11

Name of Well/Wells or Pipeline Serviced

Moncrief Com #1E 30-045-26221

Elevation 6285 Completion Date 2/25/93 Total Depth 395' Land Type

Casing Strings, Sizes, Types & Depths 2/23 Set 98' of 8" PVC Casing.

No Gas, Water, or Boulders were Encountered During Casing.

If Casing Strings are cemented, show amounts & types used Cemented

with 20 sacks.

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

None

Depths & thickness of water zones with description of water: Fresh, Clear,

Salty, Sulphur, Etc. 100' Fresh

Depths gas encountered: None

Ground bed depth with type & amount of coke breeze used: 395'

Depths anodes placed: 380, 360, 350, 295, 288, 280, 273, 265, 258, 175, 167, 160, 153, 146, 139

Depths vent pipes placed: 395'

Vent pipe perforations: bottom 290'

Remarks:

RECEIVED
JAN 31 1994
OIL CON. DIV.
DIST. 3

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

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

API WATER ANALYSIS REPORT FORM

Laboratory No. 25-930315-10

Company		Sample No.	Date Sampled	
MERIDIAN OIL			2/25/93	
Field	**Legal Description**	**County or Parish**	**State**	
2458W	B-16-26-11	San Juan	NM	
Lease or Unit	**Well**	**Depth**	**Formation**	**Water, B/D**
	Moncrief Com #1E			
Type of Water (Produced, Supply, etc.)	**Sampling Point**		**Sampled By**	
	Ground Bed		K. Bishop	

TECH, Inc.
333 East Main
Farmington
New Mexico
87401
505/327-3311

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc.)	500	22
Calcium, Ca	12	0.6
Magnesium, Mg	-	-
Barium, Ba		

ANIONS	mg/l	me/l
Chloride, Cl	30	0.9
Sulfate, SO_4	970	20
Carbonate, CO_3	10	0.4
Bicarbonate, HCO_3	70	1

OTHER PROPERTIES

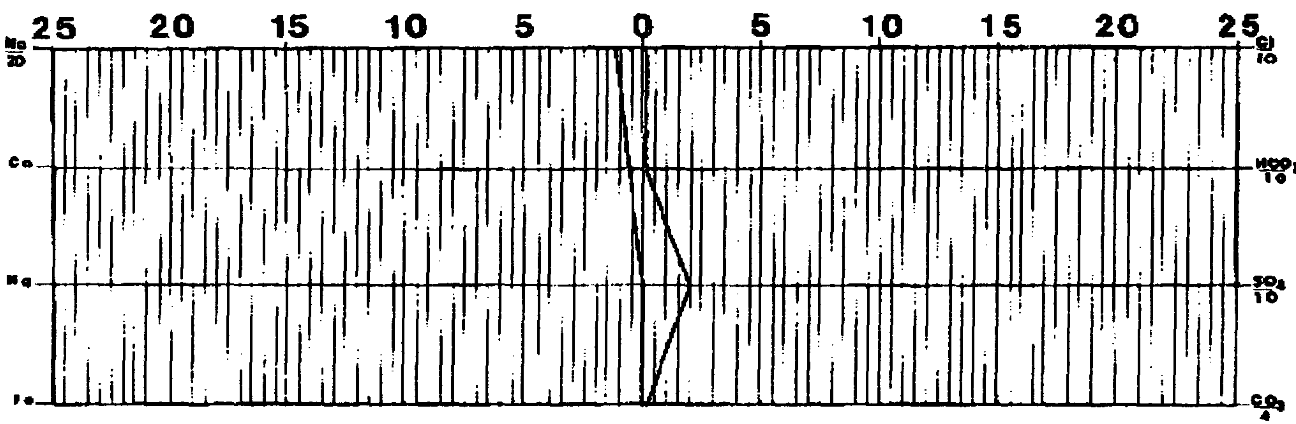
pH	8.6
Specific Gravity, 60/60 F.	1.0073
Resistivity (ohm-meters) 71 F.	9.6

Total Dissolved Solids (calc.) 1600

Iron, Fe (total)

Sulfide, as H_2S

REMARKS & RECOMMENDATIONS: ATTN: BILL DONAHUE



Date Received	Preserved	Date Analyzed	Analyzed By
March 15th, 1993		March 18th, 1993	R.H.

ENSOLUM

APPENDIX C

Photographic Documentation

SITE PHOTOGRAPHS

Closure Report
Enterprise Field Services, LLC
Lateral 10D-2 (07/12/23)
Ensolum Project No. 05A1226257

ENSOLUM

Photograph 1 Photograph Description: View of the excavation.	
Photograph 2 Photograph Description: View of the excavation.	

ENSOLUM

APPENDIX D

Regulatory Correspondence

From: nnepawq@frontiernet.net
To: Long, Thomas; "Velez, Nelson, EMNRD"
Cc: Stone, Brian; "Kyle Summers"
Subject: [EXTERNAL] RE: Lateral 10D-2 - UL P Section 8 T26N Range 11W; 36.49715, -108.01842; NMOCD Incident # nAPP2319529764
Date: Wednesday, July 26, 2023 1:53:42 PM

[Use caution with links/attachments]

Tom,

Go ahead and proceed with the sampling as requested.

--Steve

From: Long, Thomas <tjlong@eprod.com>
Sent: Tuesday, July 25, 2023 12:37 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>; Steve Austin <nnepawq@frontiernet.net>
Cc: Stone, Brian <bmstone@eprod.com>; Kyle Summers <ksummers@ensolum.com>
Subject: Lateral 10D-2 - UL P Section 8 T26N Range 11W; 36.49715, -108.01842; NMOCD Incident # nAPP2319529764

Nelson/Steve,

This email is a notification and a variance request. Enterprise is requesting a variance for required 48 hour notification per 19.15.29.12D (1a) NMAC. Enterprise would like to collect soil samples for laboratory analysis today at the Lateral 10D-2 release site. The release was from a valve on the ground surface. No excavating has been necessary. The release is located in a small wash. Please acknowledge acceptance of this variance request. If you have any questions, please call or email.

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

Enterprise Products

message.

ENSOLUM

APPENDIX E

Table 1 – Soil Analytical Summary

ENSOLUM

TABLE 1
Lateral 10D-2 (07/12/23)
SOIL ANALYTICAL SUMMARY

Sample I.D.	Date	Sample Type C- Composite G - Grab	Sample Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX[1] (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total Combined TPH (GRO/DRO/MRO)[1] (mg/kg)	Chloride (mg/kg)
New Mexico Energy, Mineral & Natural Resources Department Oil Conservation Division Closure Criteria (Tier I)				**10**	**NE**	**NE**	**NE**	**50**	**NE**	**NE**	**NE**	**100**	**600**
Excavation Composite Soil Samples													
CS-1	07.25.23	C	0 to 1	<0.017	<0.033	<0.033	<0.066	ND	<3.3	24	<50	24	<60

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

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

NA = Not Analyzed

NE = Not established

mg/kg = milligrams per kilogram

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes

TPH = Total Petroleum Hydrocarbons

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

MRO = Motor Oil/Lube Oil Range Organics

ENSOLUM

APPENDIX F

Laboratory Data Sheets & Chain of Custody Documentation

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

July 31, 2023

Kyle Summers
ENSOLUM
606 S. Rio Grande Suite A
Aztec, NM 87410
TEL: (903) 821-5603
FAX:

RE: Lateral 10D 2 July 2023 OrderNo.: 2307B76

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 1 sample(s) on 7/26/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2307B76**
Date Reported: **7/31/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** CS-1
Project: Lateral 10D 2 July 2023 **Collection Date:** 7/25/2023 12:40:00 PM
Lab ID: 2307B76-001 **Matrix:** MEOH (SOIL) **Received Date:** 7/26/2023 6:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	ND	60		mg/Kg	20	7/26/2023 12:22:51 PM	76477
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**	
Diesel Range Organics (DRO)	24	9.9		mg/Kg	1	7/26/2023 10:26:08 AM	76469
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/26/2023 10:26:08 AM	76469
Surr: DNOP	110	69-147		%Rec	1	7/26/2023 10:26:08 AM	76469
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**	
Gasoline Range Organics (GRO)	ND	3.3		mg/Kg	1	7/26/2023 11:38:00 AM	R98499
Surr: BFB	80.1	15-244		%Rec	1	7/26/2023 11:38:00 AM	R98499
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**	
Benzene	ND	0.017		mg/Kg	1	7/26/2023 11:38:00 AM	BS98499
Toluene	ND	0.033		mg/Kg	1	7/26/2023 11:38:00 AM	BS98499
Ethylbenzene	ND	0.033		mg/Kg	1	7/26/2023 11:38:00 AM	BS98499
Xylenes, Total	ND	0.066		mg/Kg	1	7/26/2023 11:38:00 AM	BS98499
Surr: 4-Bromofluorobenzene	75.7	39.1-146		%Rec	1	7/26/2023 11:38:00 AM	BS98499

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2307B76**

31-Jul-23

Client: ENSOLUM

Project: Lateral 10D 2 July 2023

Sample ID: **MB-76477**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **76477**	RunNo: **98503**
Prep Date: **7/26/2023**	Analysis Date: **7/26/2023**	SeqNo: **3587770** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-76477**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **76477**	RunNo: **98503**
Prep Date: **7/26/2023**	Analysis Date: **7/26/2023**	SeqNo: **3587771** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.9	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2307B76**

31-Jul-23

Client: ENSOLUM

Project: Lateral 10D 2 July 2023

Sample ID: **LCS-76469** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **76469** RunNo: **98496**
Prep Date: **7/26/2023** Analysis Date: **7/26/2023** SeqNo: **3586179** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	60	10	50.00	0	119	61.9	130			
Surr: DNOP	6.4		5.000		128	69	147			

Sample ID: **MB-76469** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **76469** RunNo: **98496**
Prep Date: **7/26/2023** Analysis Date: **7/26/2023** SeqNo: **3586180** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		105	69	147			

Sample ID: **2307B76-001AMS** SampType: **MS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **CS-1** Batch ID: **76469** RunNo: **98496**
Prep Date: **7/26/2023** Analysis Date: **7/26/2023** SeqNo: **3587219** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	74	9.5	47.30	23.58	106	54.2	135			
Surr: DNOP	5.5		4.730		116	69	147			

Sample ID: **2307B76-001AMSD** SampType: **MSD** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **CS-1** Batch ID: **76469** RunNo: **98496**
Prep Date: **7/26/2023** Analysis Date: **7/26/2023** SeqNo: **3587220** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	75	9.9	49.26	23.58	104	54.2	135	1.56	29.2	
Surr: DNOP	5.3		4.926		109	69	147	0	0	

Sample ID: **LCS-76440** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **76440** RunNo: **98496**
Prep Date: **7/25/2023** Analysis Date: **7/26/2023** SeqNo: **3587221** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.1		5.000		103	69	147			

Sample ID: **MB-76440** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **76440** RunNo: **98496**
Prep Date: **7/25/2023** Analysis Date: **7/26/2023** SeqNo: **3587224** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2307B76**

31-Jul-23

Client: ENSOLUM

Project: Lateral 10D 2 July 2023

Sample ID: **MB-76440**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **76440**	RunNo: **98496**
Prep Date: **7/25/2023**	Analysis Date: **7/26/2023**	SeqNo: **3587224** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	11		10.00		108	69	147			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2307B76**

31-Jul-23

Client: ENSOLUM

Project: Lateral 10D 2 July 2023

Sample ID: **2.5ug gro lcs**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **R98499**	RunNo: **98499**
Prep Date:	Analysis Date: **7/26/2023**	SeqNo: **3586231** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	85.0	70	130			
Surr: BFB	2000		1000		196	15	244			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **R98499**	RunNo: **98499**
Prep Date:	Analysis Date: **7/26/2023**	SeqNo: **3586232** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	820		1000		81.8	15	244			

Sample ID: **2307B76-001ams**	SampType: **MS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **CS-1**	Batch ID: **R98499**	RunNo: **98499**
Prep Date:	Analysis Date: **7/26/2023**	SeqNo: **3587122** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	14	3.3	16.52	0	86.5	70	130			
Surr: BFB	1200		660.9		187	15	244			

Sample ID: **2307B76-001amsd**	SampType: **MSD**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **CS-1**	Batch ID: **R98499**	RunNo: **98499**
Prep Date:	Analysis Date: **7/26/2023**	SeqNo: **3587123** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	14	3.3	16.52	0	84.4	70	130	2.39	20	
Surr: BFB	1200		660.9		188	15	244	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2307B76**

31-Jul-23

Client: ENSOLUM

Project: Lateral 10D 2 July 2023

Sample ID: **100ng btex lcs**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **BS98499**	RunNo: **98499**
Prep Date:	Analysis Date: **7/26/2023**	SeqNo: **3586234** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.025	1.000	0	86.8	70	130			
Toluene	0.88	0.050	1.000	0	88.4	70	130			
Ethylbenzene	0.89	0.050	1.000	0	88.8	70	130			
Xylenes, Total	2.7	0.10	3.000	0	88.4	70	130			
Surr: 4-Bromofluorobenzene	0.82		1.000		81.8	39.1	146			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **BS98499**	RunNo: **98499**
Prep Date:	Analysis Date: **7/26/2023**	SeqNo: **3586235** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.80		1.000		79.7	39.1	146			

Sample ID: **2307B76-001ams**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **CS-1**	Batch ID: **BS98499**	RunNo: **98499**
Prep Date:	Analysis Date: **7/26/2023**	SeqNo: **3587273** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	91.7	70	130			
Toluene	0.93	0.050	1.000	0	93.3	70	130			
Ethylbenzene	0.93	0.050	1.000	0	92.6	70	130			
Xylenes, Total	2.8	0.10	3.000	0	92.4	70	130			
Surr: 4-Bromofluorobenzene	0.80		1.000		80.0	39.1	146			

Sample ID: **2307B76-001amsd**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **CS-1**	Batch ID: **BS98499**	RunNo: **98499**
Prep Date:	Analysis Date: **7/26/2023**	SeqNo: **3587274** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.025	1.000	0	85.9	70	130	6.45	20	
Toluene	0.87	0.050	1.000	0	87.3	70	130	6.66	20	
Ethylbenzene	0.88	0.050	1.000	0	88.3	70	130	4.82	20	
Xylenes, Total	2.6	0.10	3.000	0	88.2	70	130	4.63	20	
Surr: 4-Bromofluorobenzene	0.77		1.000		77.5	39.1	146	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: ENSOLUM | Work Order Number: 2307B76 | RcptNo: 1

Received By: Tracy Casarrubias 7/26/2023 6:35:00 AM

Completed By: Tracy Casarrubias 7/26/2023 7:07:01 AM

Reviewed By: SCM 07/26/23

Chain of Custody

1. Is Chain of Custody complete?	Yes ☐	No ☑	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	# of preserved bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted?
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	Checked by: JM 7/26/23

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order?	Yes ☐	No ☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: Phone number missing on COC - TMC 7/26/23

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.9	Good	Yes	Yogi		

Chain-of-Custody Record

Client: Ensolum, LLC

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

Phone #:

email or Fax#: ksummers@ensolum.com

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

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

Turn-Around Time: SAME DAY
☐ Standard ☒ Rush 100%

Project Name: Lateral 10D-2 (July 2023)

Project #: See notes

Project Manager: ksummers

Sampler: RDeechilly
On Ice: ☒ Yes ☐ No 4091
# of Coolers: 1
Cooler Temp (including CF): 2.0-0.1=1.9 (°C)

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2307B576	BTEX / ~~MTBE~~ / ~~TMB's~~ (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chloride
7/25/23	1240	S	CS-1	(1) 4oz Jar	Cool	001	X	X									X

Analysis Request

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
7/25/23	1431				7/25/23	1431
7/25/23	1833			Courier	7/26/23	6:35

Remarks: SAME DAY
PM - Tom Long (EPROD)
Pay Key - RB21000
Non AFE - N66902

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.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 258476
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bhall	The New Mexico Oil Conservation Division (OCD) acts as a repository for documents pertaining to produced fluid spills and releases that may occur on Native American Tribal Lands, as a result of the production of oil and gas, on Tribal Lands. The OCD performs this function at the sole discretion of the relevant Tribal Authority. The oil and gas producer may file Form C-141 with OCD which will create an incident number and a document file in OCD's Permitting System. Once created, this incident number will remain in "closed" status but will be available to document the spill or release, any remedial activities associated with the spill or release, or other documentation as the relevant Tribal Authority may deem appropriate. Under these terms, this incident number is closed, but may be an ongoing remedial project.	3/15/2024