



CLOSURE REPORT

Property:

Lateral K-17 (07/11/25)
Unit Letter J, S22 T27N R8W
San Juan County, New Mexico

New Mexico EMNRD OCD Incident ID No. NAPP2520326032

October 8, 2025

Ensolum Project No. 05A1226378

Prepared for:

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

Prepared by:
Harper Peck

Kyle Summers
Senior Managing Geologist

TABLE OF CONTENTS

1.0	INTRODUCTION	1
1.1	Site Description & Background	1
1.2	Project Objective	1
2.0	CLOSURE CRITERIA	1
3.0	SOIL REMEDIATION ACTIVITIES.....	3
4.0	SOIL SAMPLING PROGRAM.....	3
5.0	SOIL LABORATORY ANALYTICAL METHODS.....	4
6.0	SOIL DATA EVALUATION	4
7.0	RECLAMATION	5
8.0	REVEGETATION	5
9.0	FINDINGS AND RECOMMENDATION	5
10.0	STANDARDS OF CARE, LIMITATIONS, AND RELIANCE.....	5
10.1	Standard of Care	5
10.2	Limitations	5
10.3	Reliance.....	6

LIST OF APPENDICES

Appendix A – Figures

Figure 1: Topographic Map
Figure 2: Site Vicinity Map
Figure 3: Site Map with Soil Analytical Results

Appendix B – Siting Figures and Documentation

Figure A: 1.0 Mile Radius Water Well/POD Location Map
Figure B: Cathodic Protection Well(s) with Recorded Depth(s) to Water
Figure C: 300 Foot Radius Watercourse and Drainage Identification
Figure D: 300 Foot Radius Occupied Structure Identification
Figure E: Water Well and Natural Spring Location
Figure F: Wetlands
Figure G: Mines, Mills, and Quarries
Figure H: 100-Year Flood Plain Map

Appendix C – Executed C-138 Solid Waste Acceptance Form

Appendix D – Photographic Documentation

Appendix E – Regulatory Correspondence

Appendix F – Table 1 - Soil Analytical Summary

Appendix G – Laboratory Data Sheets & Chain of Custody Documentation

1.0 INTRODUCTION

1.1 Site Description & Background

Operator:	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)
Site Name:	Lateral K-17 (Site)
NM EMNRD OCD Incident ID No.	NAPP2520326032
Location:	36.557712° North, -107.668641° West Unit Letter J, Section 22, Township 27 North, Range 08 West San Juan County, New Mexico
Property:	Federal Property
Regulatory:	New Mexico (NM) Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

On July 11, 2025, a potential release of natural gas was identified from the Lateral K-17 pipeline. Enterprise subsequently isolated and locked the pipeline out of service. On July 21, 2025, Enterprise initiated activities to remediate potential petroleum hydrocarbon impact. On July 22, 2025, Enterprise determined the release was “reportable” and the NM EMNRD OCD was subsequently notified.

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

1.2 Project Objective

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

2.0 CLOSURE CRITERIA

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

- The NM Office of the State Engineer (OSE) tracks the usage and assignment of water rights and water well installations and records this information in the Water Rights Reporting System (WRRS) database. Water wells and other points of diversion (PODs) are each assigned POD numbers in the database (which is searchable and includes an interactive map). One POD consisting of four monitoring wells was identified in an adjacent PLSS section (**Figure A, Appendix B**). POD SJ-04124 is approximately 1.54 miles southeast of the site and is approximately 3 feet lower in elevation than the Site. The recorded depth to water (DTW) for this POD is 21 feet below grade surface (bgs).

- 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 32 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 wetland is located approximately 179 feet northeast of the Site. However, this riverine bears the “J” designation (intermittently flooded) that is generally not considered a wetland in this region.
- Based on information identified in the NM Mining and Minerals Division’s Geographic Information System (GIS) Maps and Mine Data database, the Site is not within an area overlying a subsurface mine (**Figure G, Appendix B**).
- The Site is not located within an unstable area per Paragraph (6) of Subsection U of 19.15.2.7 NMAC.
- Based on information provided by the Federal Emergency Management Agency (FEMA) National Flood Hazard Layer (NFHL) geospatial database, the Site is not within a 100-year floodplain (**Figure H, Appendix B**).

Based on available information Enterprise estimates the depth to water at the Site to potentially be less than 50 feet bgs due to the elevation of the release relative to the elevation of the Largo Canyon Wash, and the proximity of the nearby “blue-line” ephemeral wash, resulting in a Tier I ranking. The closure criteria for soils remaining in place at the Site include:

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

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

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

³ – Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX).

3.0 SOIL REMEDIATION ACTIVITIES

On July 21, 2025, Enterprise initiated activities to remediate petroleum hydrocarbon impact resulting from the release. During the remediation and corrective action activities, Sierra Oil Field Services, Inc. provided heavy equipment and labor support, while Ensolum provided environmental consulting support.

The primary excavation measured approximately 20 feet by 22 feet at the maximum extents, including a shallow benched/ramped area on the southeast side of the main excavation. The maximum depth of the primary excavation measured approximately 20 feet bgs. The total surface expression of the excavation was approximately 370 ft². The lithology encountered during the completion of remediation activities consisted primarily of unconsolidated silty sand and sandstone.

Approximately 504 cubic yards (yd³) of petroleum hydrocarbon-affected soils were transported to the Envirotech, Inc. (Envirotech) landfarm in San Juan County, NM for disposal/remediation. The executed C-138 solid waste acceptance form is provided in **Appendix C**. The excavation was backfilled with imported fill and then contoured to the surrounding grade.

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

4.0 SOIL SAMPLING PROGRAM

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

Ensolum's soil sampling program included the collection of 11 composite soil samples (S-1 through S-11) from the excavation and one composite sample (BF-1) from the backfill for laboratory analysis. The composite samples were comprised of five aliquots each and represent an estimated 200 square foot (ft²) 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 July 24, 2025, sampling was performed at the Site. The NM EMNRD OCD was notified of the sampling event although no representative was present during sampling activities. Composite soil samples S-5 (15' to 20') and S-7 (20'), were collected from the floor of the excavation. Composite soil samples S-1 (0' to 20'), S-2 (0' to 15'), S-3 (0' to 15'), S-4 (0' to 15'), S-6 (0' to 15'), S-8 (0' to

20'), S-9 (0' to 20'), S-10 (0' to 20') were collected from the walls of the excavation. Composite soil sample S-11 (0' to 4') was collected from the walls and floor of the excavation bench/ramp. Composite soil sample BF-1 was collected from the imported fill.

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

5.0 SOIL LABORATORY ANALYTICAL METHODS

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

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

6.0 SOIL DATA EVALUATION

Ensolum compared the benzene, BTEX, TPH, and chloride laboratory analytical results or laboratory practical quantitation limits (PQLs) / reporting limits (RLs) associated with the composite soil samples (S-1 through S-11, and BF-1) to the applicable NM EMNRD OCD closure criteria. Due to the high PQLs/RLs associated with the TPH MRO results when using EPA SW-846 Method 8015, Ensolum only compares the quantified TPH results to the New Mexico EMNRD OCD closure criteria. The laboratory analytical results are summarized in **Table 1 (Appendix F)**.

- The laboratory analytical results for the composite soil samples collected from soils remaining at the Site indicate that benzene is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 10 mg/kg.
- The laboratory analytical results for composite soil samples S-7, S-9, and BF-1 indicate total BTEX concentrations of 0.14 mg/kg, 0.085 mg/kg, and 0.59 mg/kg, respectively, which are less than the NM EMNRD OCD closure criteria of 50 mg/kg. The laboratory analytical results for the other composite soil samples collected from soils remaining at the Site indicate that total BTEX is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 50 mg/kg.
- The laboratory analytical results for composite soil samples S-11 and BF-1 indicate total combined TPH GRO/DRO/MRO concentrations of 11 mg/kg (S-11) and 42 mg/kg (BF-1), which are less than the NM EMNRD OCD closure criteria of 100 mg/kg. The analytical results for the other composite soil samples collected from soils remaining at the Site indicate that total combined TPH GRO/DRO/MRO concentrations are less than the laboratory PQLs / RLs, which are less than the NM EMNRD OCD closure criteria of 100 mg/kg.
- The analytical results for the composite soil samples collected from soils remaining at the Site indicate that chloride concentrations are less than the laboratory PQLs / RLs, which are less than the NM EMNRD OCD closure criteria of 600 mg/kg.

7.0 RECLAMATION

The excavation was backfilled with imported fill and then contoured to the surrounding grade. The backfill and the upper four feet of the excavation have been analytically verified to be below the Tier I soil standards of 50 mg/kg BTEX, 10 mg/kg benzene, 100 mg/kg total combined TPH, and 600 mg/kg Chloride. See **APPENDIX D** and **APPENDIX F** for further documentation.

8.0 REVEGETATION

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

9.0 FINDINGS AND RECOMMENDATION

- Twelve composite soil samples were collected from the Site. Based on laboratory analytical results, no benzene, total BTEX, chloride, or total combined TPH GRO/DRO/MRO exceedances were identified in the soils remaining at the Site.
- Approximately 504 yd³ of petroleum hydrocarbon-affected soils were transported to the Envirotech landfarm for disposal/remediation.

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

10.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

10.1 Standard of Care

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

10.2 Limitations

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

at actual sample locations. Ensolum's findings and recommendation are based solely upon data available to Ensolum at the time of these services.

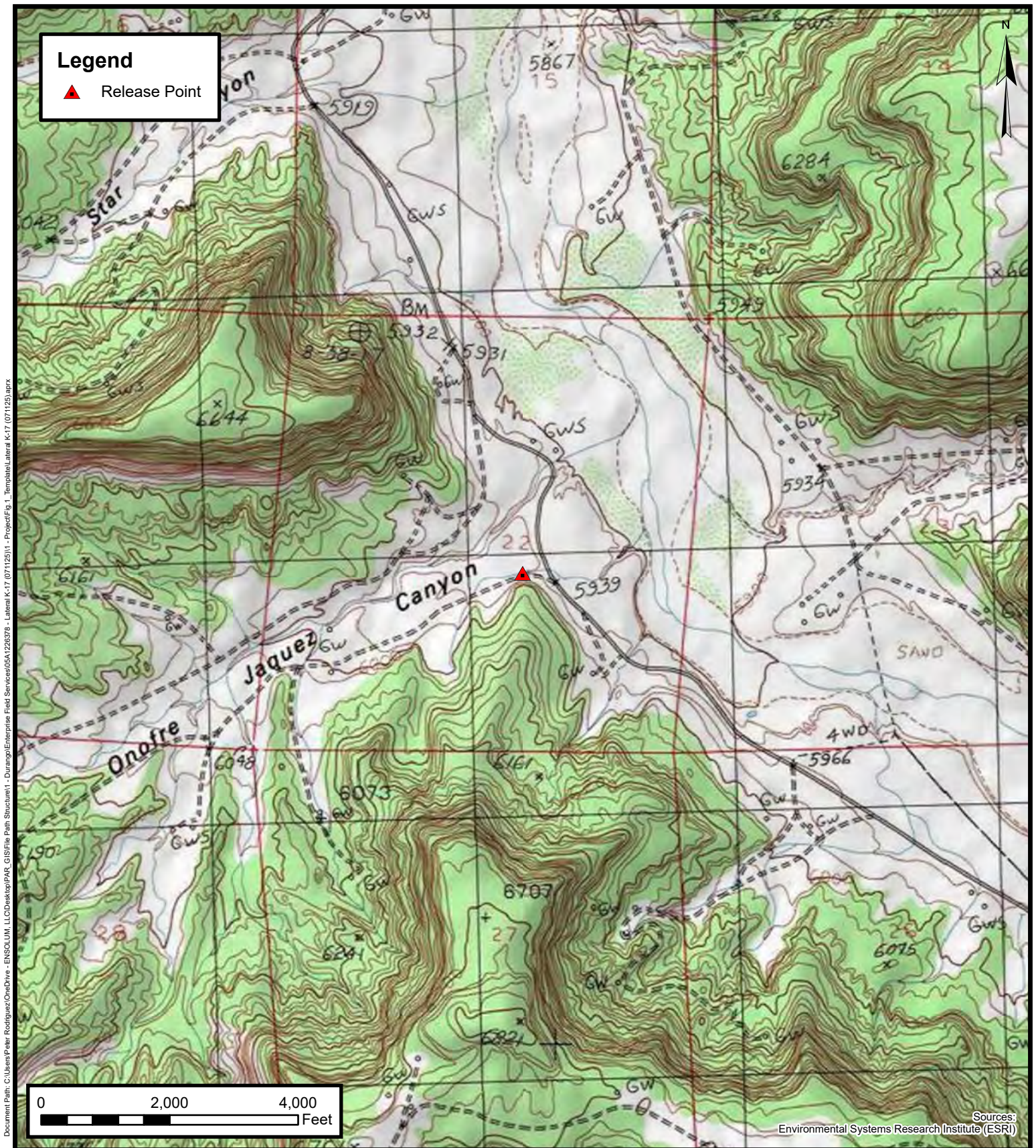
10.3 Reliance

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



APPENDIX A

Figures



Topographic Map

Enterprise Field Services, LLC

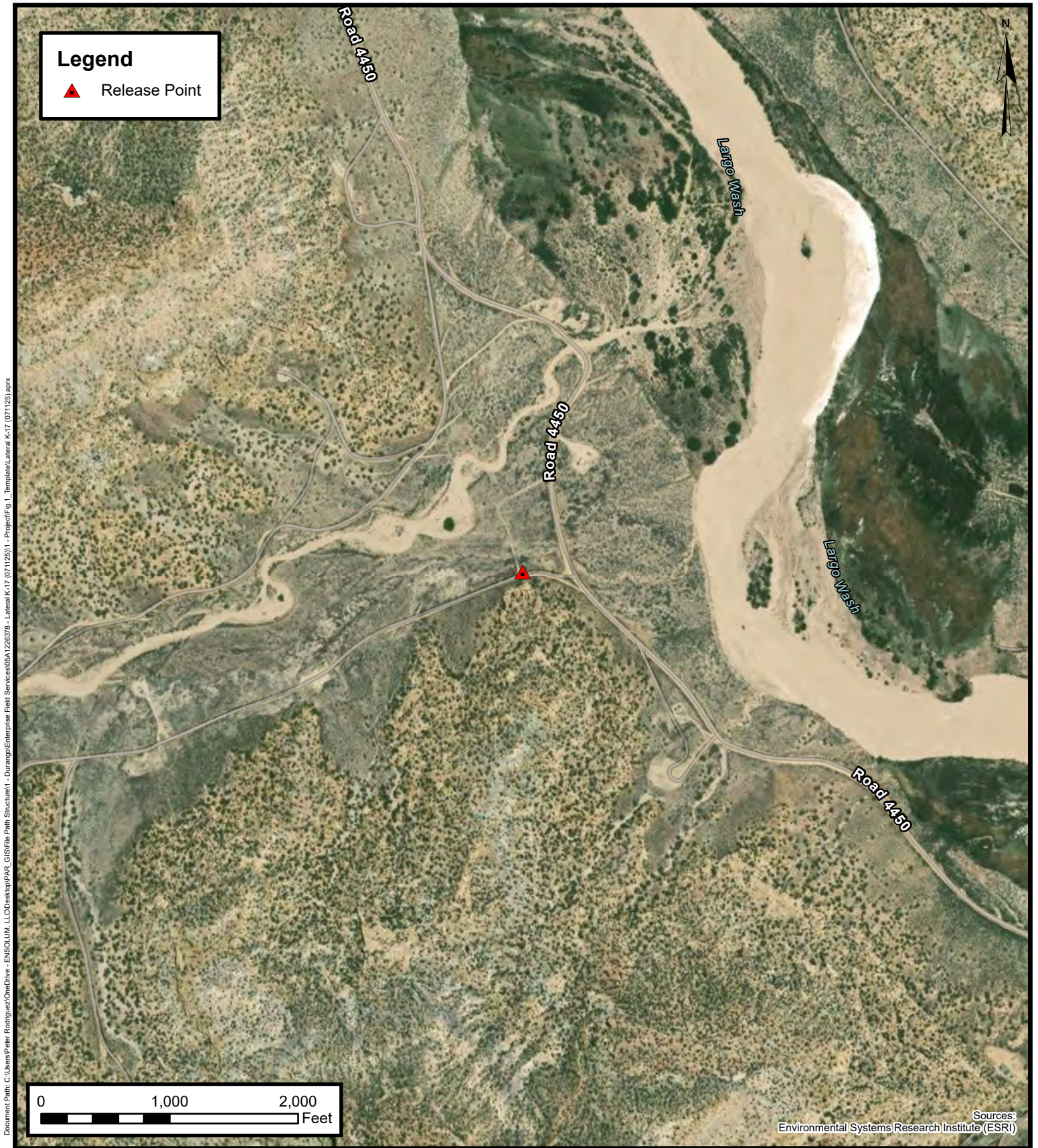
Lateral K-17 (July 2025)

Project Number: 05A1226378

Unit Letter J, S22 T27N R8W, San Juan County, New Mexico
36.557712, -107.668641

FIGURE

1



Site Vicinity Map

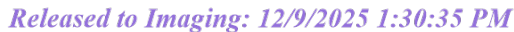
Enterprise Field Services, LLC
Lateral K-17 (July 2025)

Project Number: 05A1226378

Unit Letter J, S22 T27N R8W, San Juan County, New Mexico
36.557712, -107.668641

FIGURE

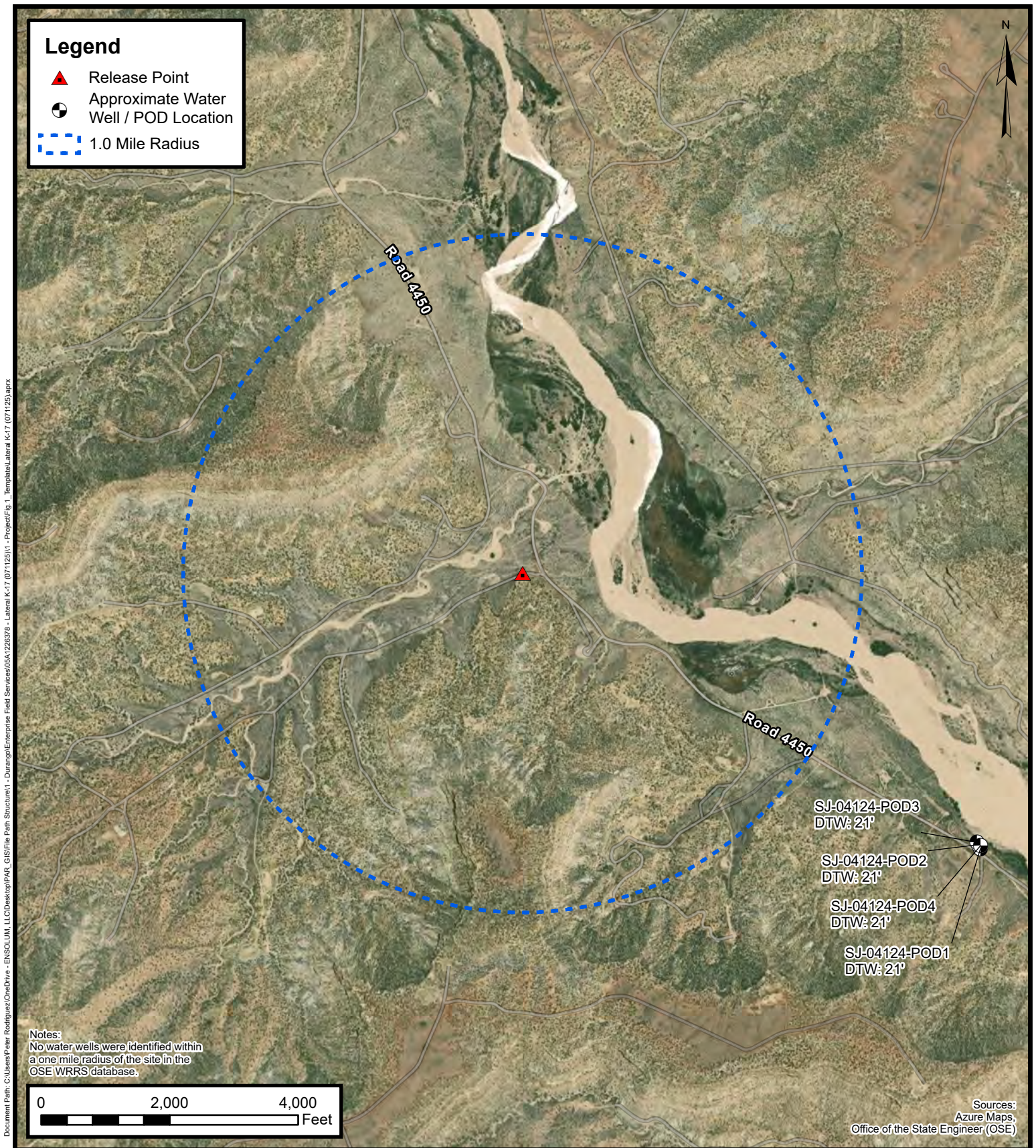
2





APPENDIX B

Siting Figures and Documentation



1.0 Mile Radius Water Well / POD Location Map

Enterprise Field Services, LLC

Lateral K-17 (July 2025)

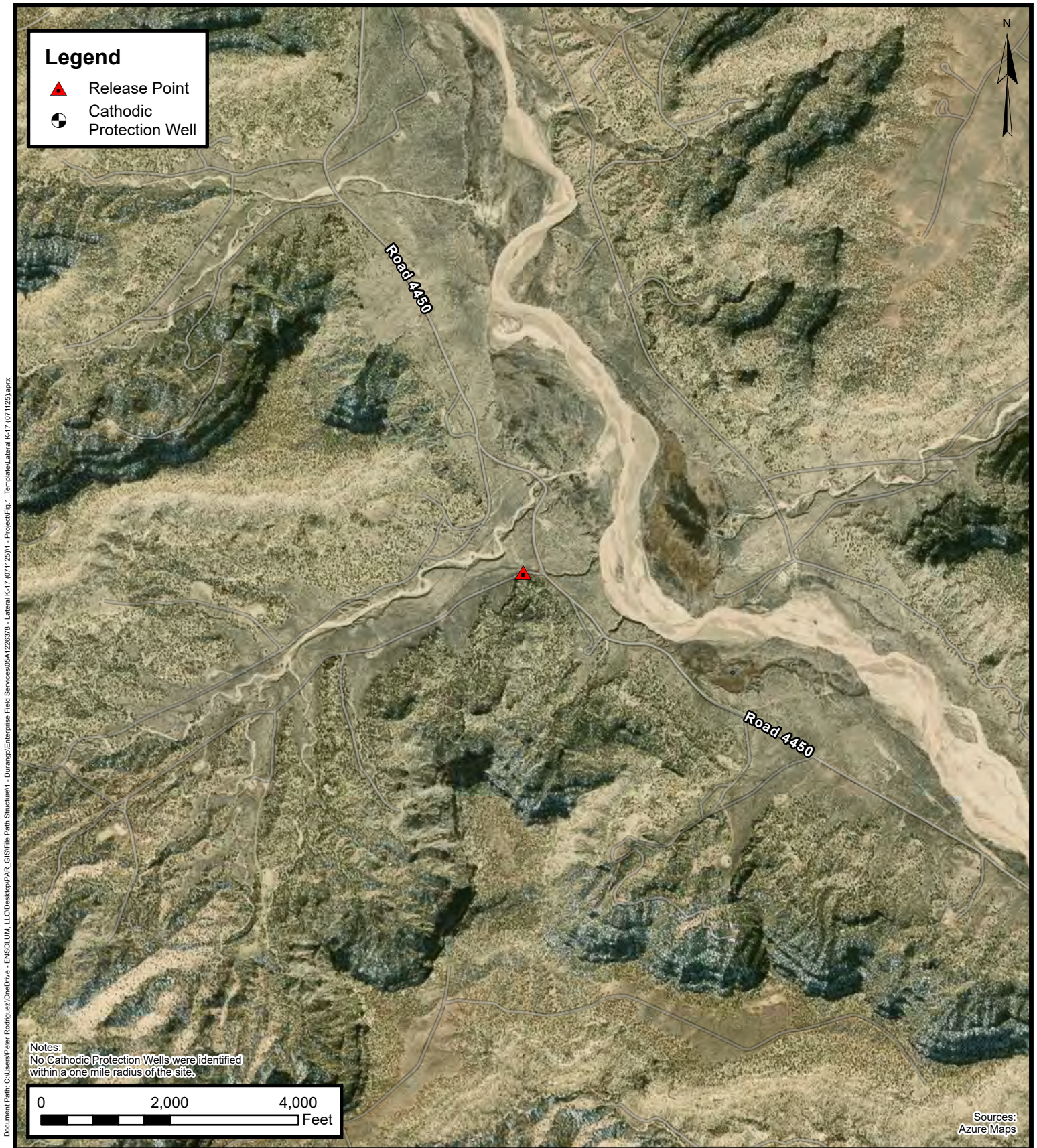
Project Number: 05A1226378

Unit Letter J, S22 T27N R8W, San Juan County, New Mexico
36.557712, -107.668641

FIGURE

A





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

Enterprise Field Services, LLC

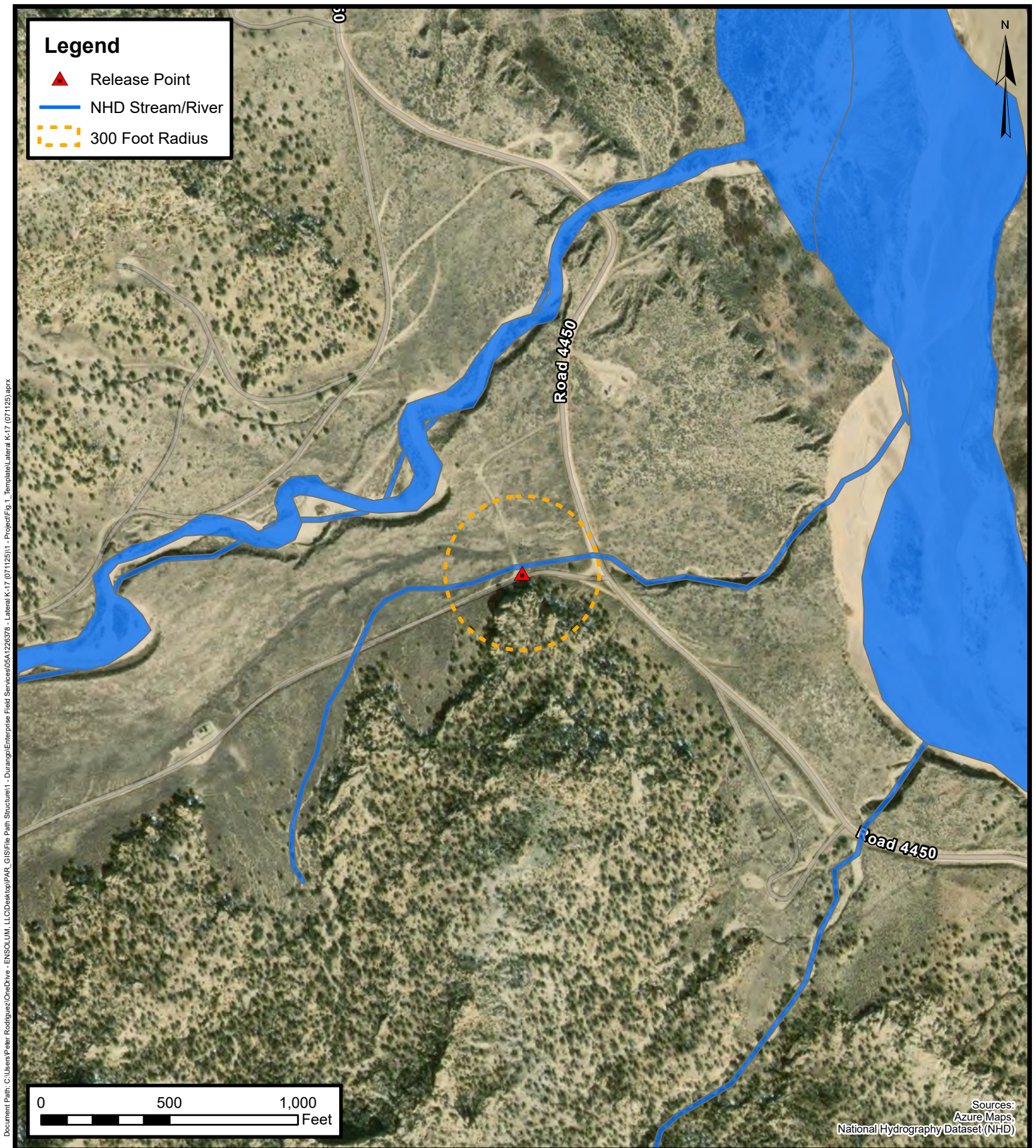
Lateral K-17 (July 2025)

Project Number: 05A1226378

Unit Letter J, S22 T27N R8W, San Juan County, New Mexico
36.557712, -107.668641

FIGURE

B



300 Foot Radius Watercourse and Drainage Identification

Enterprise Field Services, LLC

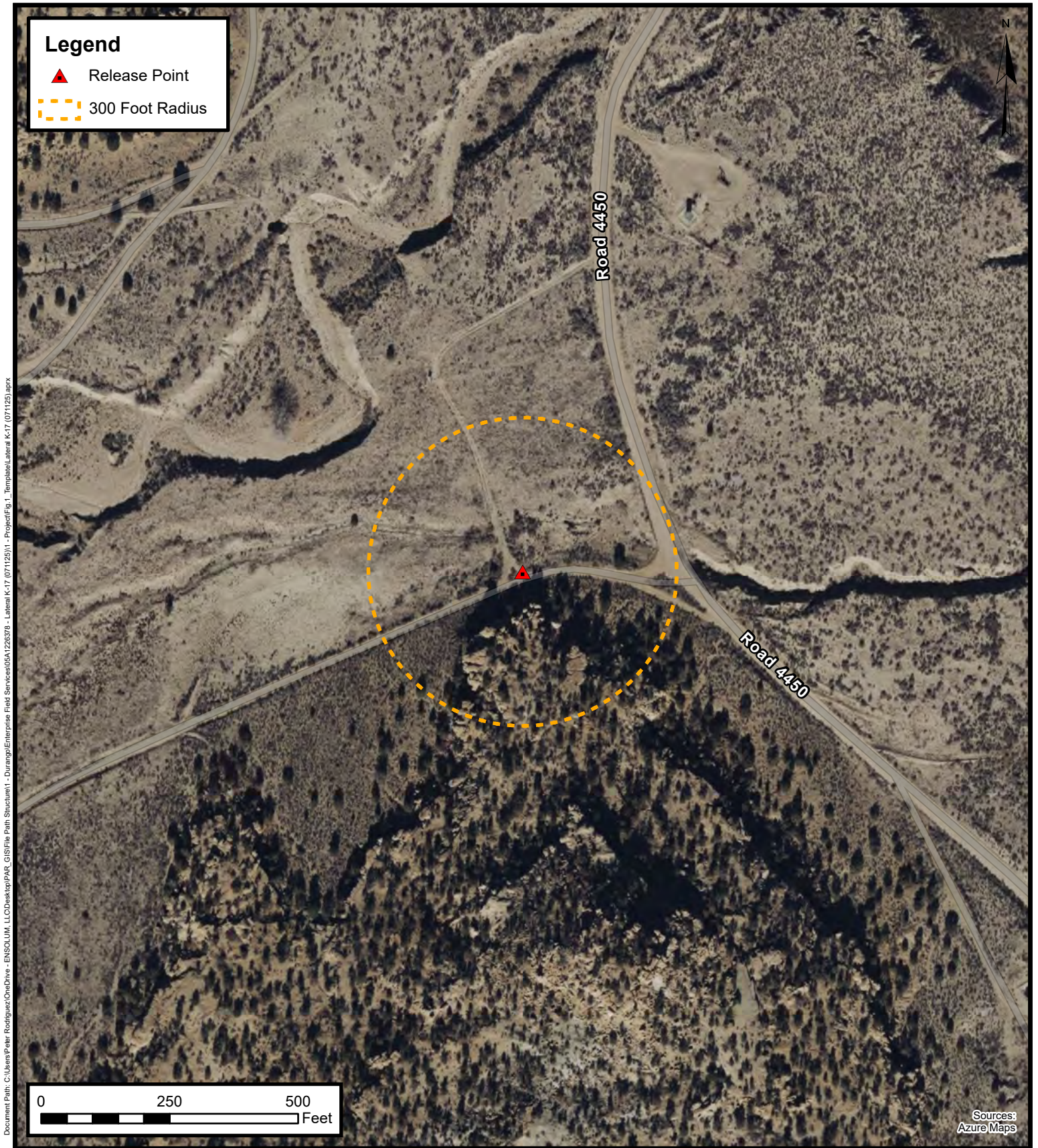
Lateral K-17 (July 2025)

Project Number: 05A1226378

Unit Letter J, S22 T27N R8W, San Juan County, New Mexico
36.557712, -107.668641

FIGURE

C



**300 Foot Radius Occupied
Structure Identification**

Enterprise Field Services, LLC

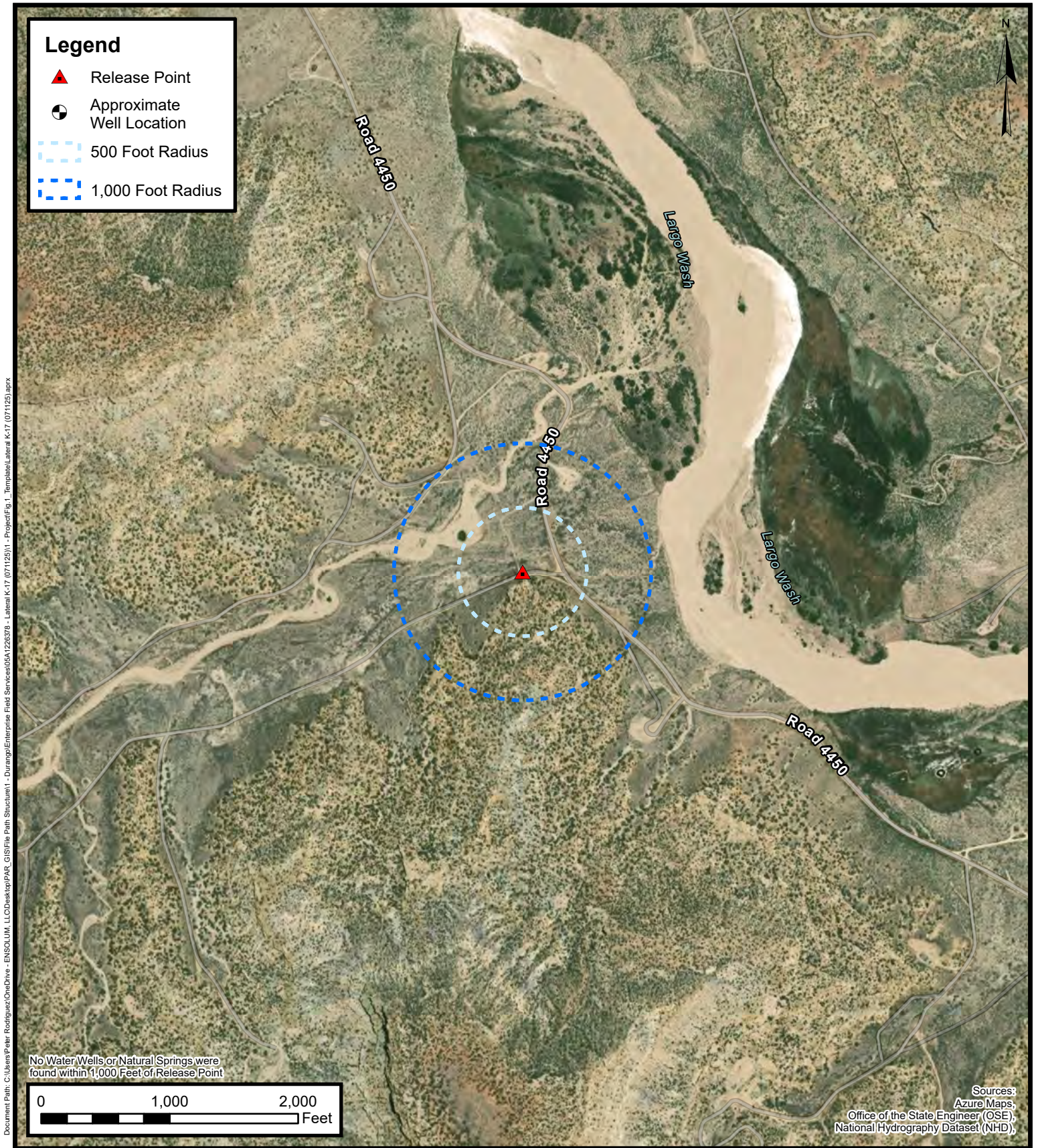
Lateral K-17 (July 2025)

Project Number: 05A1226378

Unit Letter J, S22 T27N R8W, San Juan County, New Mexico
36.557712, -107.668641

FIGURE

D



Water Well and Natural Spring Location

Enterprise Field Services, LLC

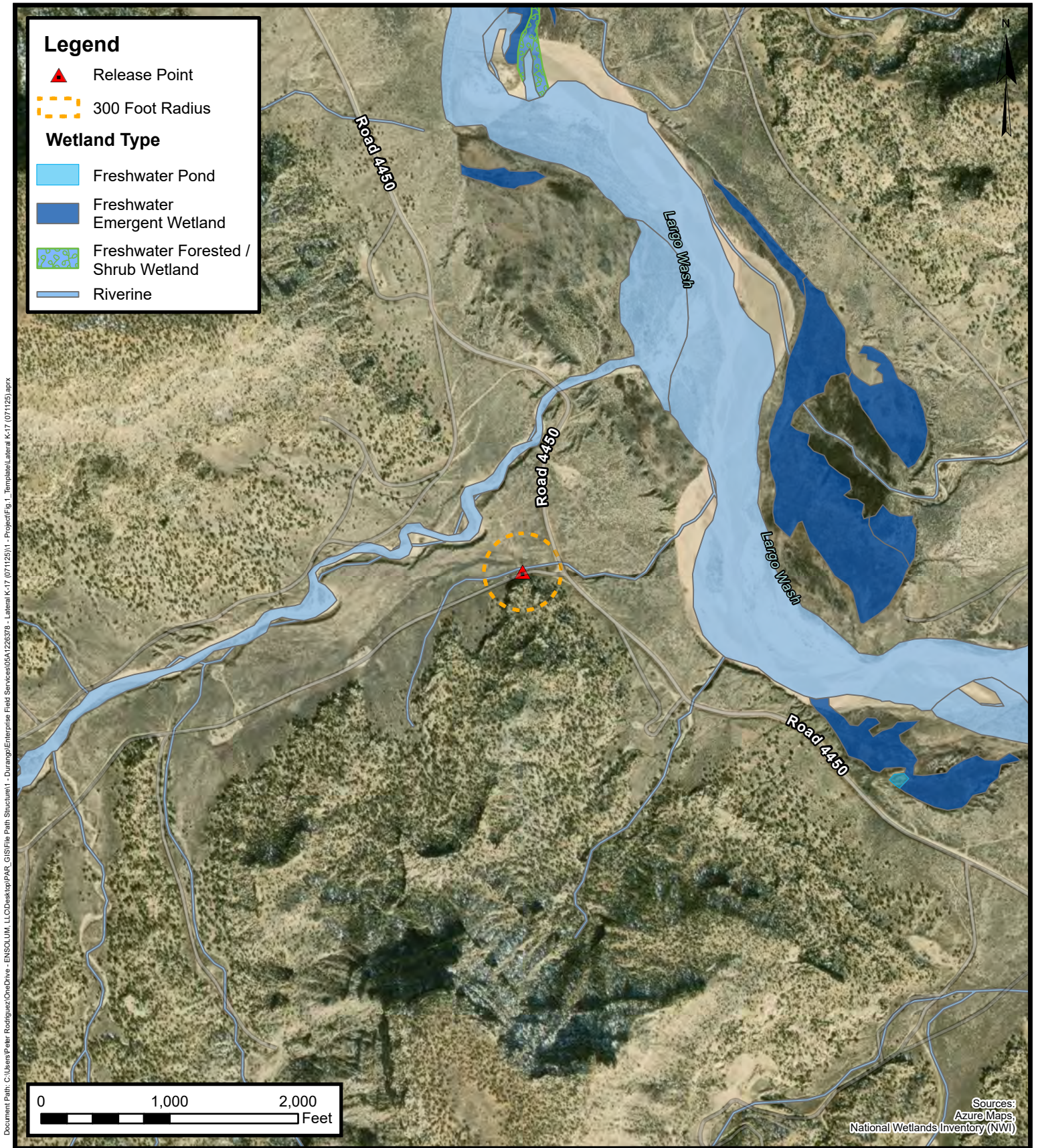
Lateral K-17 (July 2025)

Project Number: 05A1226378

Unit Letter J, S22 T27N R8W, San Juan County, New Mexico
36.557712, -107.668641

FIGURE

E



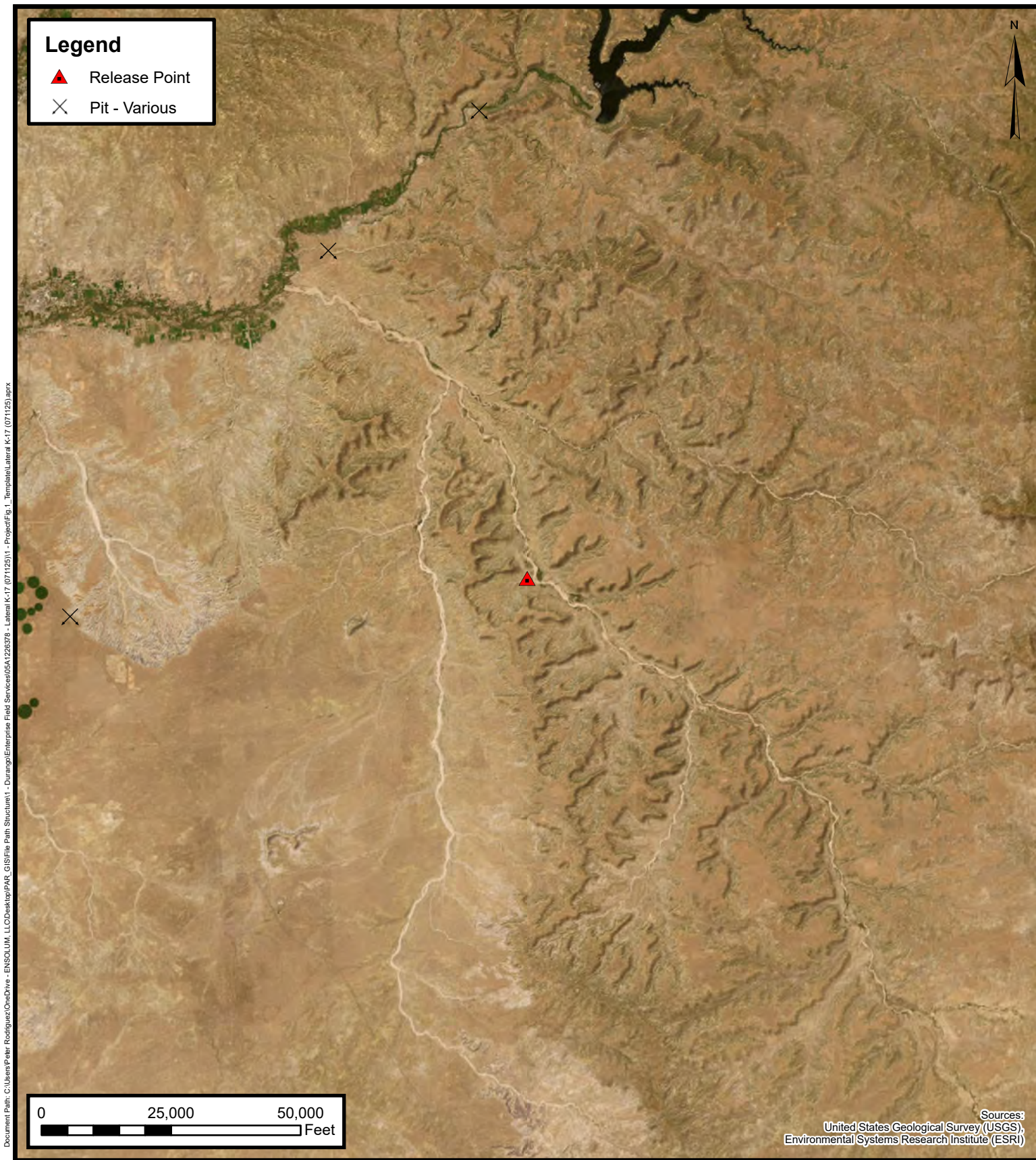
Wetlands

Enterprise Field Services, LLC
Lateral K-17 (July 2025)

Project Number: 05A1226378

Unit Letter J, S22 T27N R8W, San Juan County, New Mexico
36.557712, -107.668641

FIGURE
F



Document Path: C:\Users\Peter.Rodriguez\OneDrive - ENSOLUM, LLC\Desktop\PAR_GIS\File Path Structure\1 - Durango\Enterprise Field Services\05A1226378 - Lateral K-17 (07125).aprx



Mines, Mills, and Quarries

Enterprise Field Services, LLC

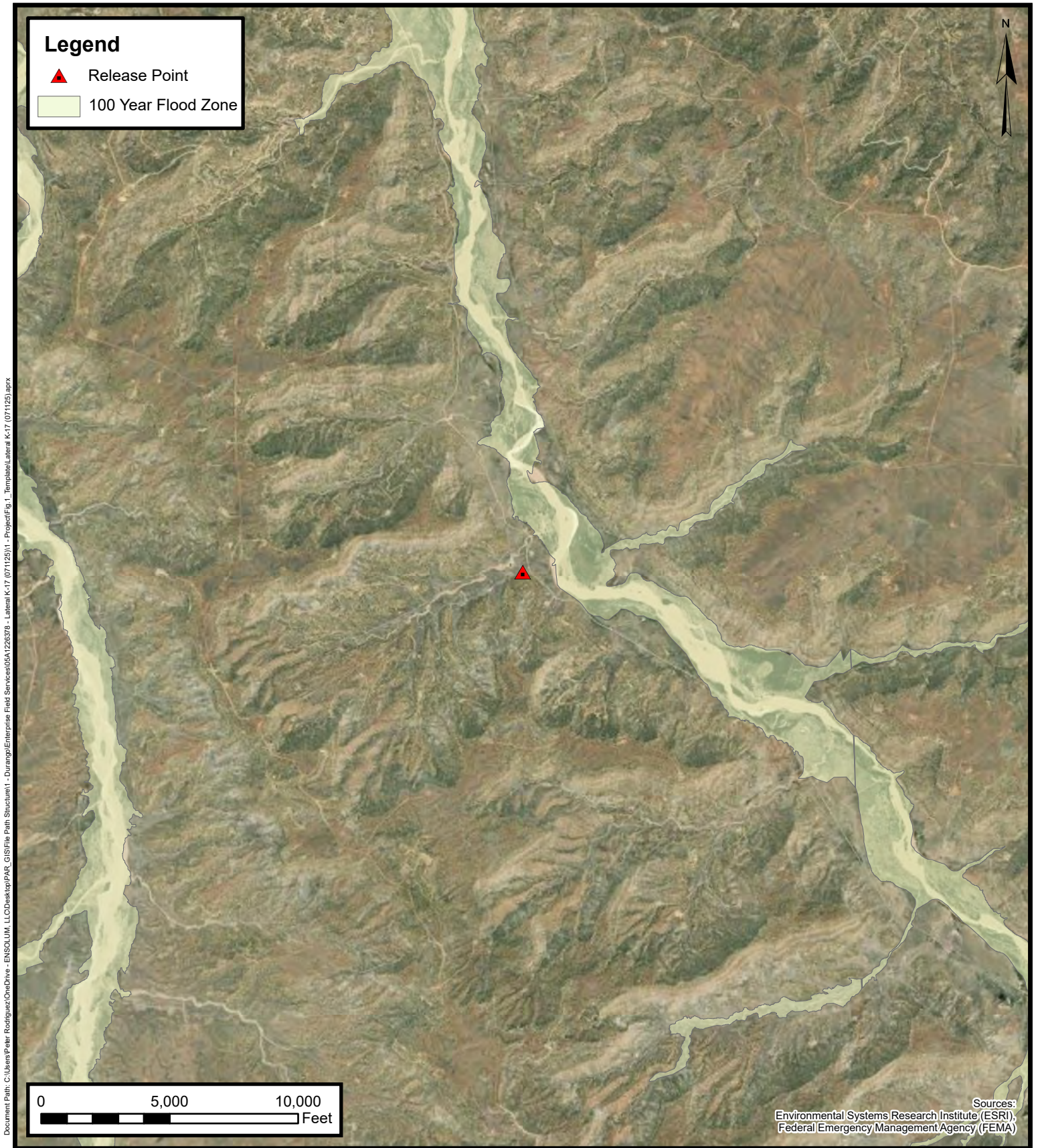
Lateral K-17 (July 2025)

Project Number: 05A1226378

Unit Letter J, S22 T27N R8W, San Juan County, New Mexico
36.557712, -107.668641

FIGURE

G



100-Year Flood Plain Map

Enterprise Field Services, LLC
Lateral K-17 (July 2025)

Project Number: 05A1226378

Unit Letter J, S22 T27N R8W, San Juan County, New Mexico
36.557712, -107.668641

FIGURE
H



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Well Depth	Depth Water	Water Column
SJ 04124 POD1		SJ	SJ				26	27N	08W	263248.0	4047683.9		32	21	11
SJ 04124 POD2		SJ	SJ				26	27N	08W	263240.1	4047703.5		31	21	10
SJ 04124 POD3		SJ	SJ				26	27N	08W	263234.0	4047715.1		31	21	10

Average Depth to Water: 21 feet

Minimum Depth: 21 feet

Maximum Depth: 21 feet

Record Count: 3

Basin/County Search:

Basin: SJ

County: SJ

PLSS Search:

Range: 08W

Township: 27N

Section: 14,15,16,21,22,23,26,27,28

* UTM location was derived from PLSS - see Help

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.



WELL PLUGGING PLAN OF OPERATIONS



NOTE: A Well Plugging Plan of Operations shall be filed with and accepted by the Office of the State Engineer prior to plugging.

I. FILING FEE: There is no filing fee for this form.

II. GENERAL / WELL OWNERSHIP:

Existing Office of the State Engineer POD Number (Well Number) for well to be plugged: SJ-4162 POD1

Name of well owner: Enterprise Products represented by Souder, Miller & Associates

Mailing address: 401 W Broadway

City: Farmington State: NM Zip code: 87401

Phone number: 505-325-7535 E-mail: jesse.sprague@soudermiller.com

2015 JUL 23 PM 1:44
STATE ENGINEER OFFICE
AZTEC, NEW MEXICO

III. WELL DRILLER INFORMATION:

Well Driller contracted to provide plugging services: Enviro-Drill, Inc.

New Mexico Well Driller License No.: WD1186 Expiration Date: March 31, 2016

IV. WELL INFORMATION:

Note: A copy of the existing Well Record for the well to be plugged should be attached to this plan.

1) GPS Well Location: MW-1 Latitude: 36 deg, 32 min, 22.87 sec
Longitude: -107 deg, 38 min, 20.03 sec, NAD 83

2) Reason(s) for plugging well: Enterprise Products determined that Monitoring Wells are no longer needed.

3) Was well used for any type of monitoring program? yes If yes, please use section VII of this form to detail what hydrogeologic parameters were monitored. If the well was used to monitor contaminated or poor quality water, authorization from the New Mexico Environment Department may be required prior to plugging.

- 4) Does the well tap brackish, saline, or otherwise poor quality water? No If yes, provide additional detail, including analytical results and/or laboratory report(s): _____
- 5) Static water level: 40 feet below land surface / feet above land surface (circle one)
- 6) Depth of the well: 48 feet
- 7) Inside diameter of innermost casing: 2.0 inches.
- 8) Casing material: PVC
- 9) The well was constructed with:
 _____ an open-hole production interval, state the open interval: 0-48 feet BGS
 _____ a well screen or perforated pipe, state the screened interval(s): 48-38 feet BGS
- 10) What annular interval surrounding the artesian casing of this well is cement-grouted? N/A
- 11) Was the well built with surface casing? YES If yes, is the annulus surrounding the surface casing grouted or otherwise sealed? YES If yes, please describe: The annulus is cemented with a 2 foot round pad with a minimum thickness of 4 inches.
- 12) Has all pumping equipment and associated piping been removed from the well? N/A If not, describe remaining equipment and intentions to remove prior to plugging in Section VII of this form.

STATE ENGINEER'S OFFICE
 AZTEC, NEW MEXICO
 2015 JUL 23 PM 1:44

V. DESCRIPTION OF PLANNED WELL PLUGGING:

Note: If this plan proposes to plug an artesian well in a way other than with cement grout, placed bottom to top with a tremie pipe, a detailed diagram of the well showing proposed final plugged configuration shall be attached, as well as any additional technical information, such as geophysical logs, that are necessary to adequately describe the proposal.

- 1) Describe the method by which cement grout shall be placed in the well, or describe requested plugging methodology proposed for the well: Plug and abandon one 2-inch well by filling with cement mixture from bottom to top
- 2) Will well head be cut-off below land surface after plugging? Yes, remove steel well shroud and upper 3 feet of casing, then install a 1 foot cement cap and bury 2 feet below ground surface.

VI. PLUGGING AND SEALING MATERIALS:

Note: The plugging of a well that taps poor quality water may require the use of a specialty cement or specialty sealant

- 1) For plugging intervals that employ cement grout, complete and attach Table A.
- 2) For plugging intervals that will employ approved non-cement based sealant(s), complete and attach Table B.
- 3) Theoretical volume of grout required to plug the well to land surface: 18 gallons

- 4) Type of Cement proposed: ~~XXXXXXXXXX~~ Portland Type I/II cement to be used.
- 5) Proposed cement grout mix: 6.0 gallons of water per 94 pound sack of Portland cement.
- 6) Will the grout be: _____ batch-mixed and delivered to the site
X mixed on site
- 7) Grout additives requested, and percent by dry weight relative to cement: None _____
- 8) Additional notes and calculations: _____

STATE ENGINEER OFFICE
 AZTEC, NEW MEXICO
 2015 JUL 23 PM 1:44

VII. ADDITIONAL INFORMATION: List additional information below, or on separate sheet(s):

One soil boring was drilled to a depth of 48 feet below ground surface. Soil boring was completed as groundwater monitoring well. Groundwater monitoring well will be plugged in the future, when Enterprise Products determines the well is no longer needed.

VIII. SIGNATURE:

I, Jesse E Sprague, say that I have carefully read the foregoing Well Plugging Plan of Operations and any attachments, which are a part hereof; that I am familiar with the rules and regulations of the State Engineer pertaining to the plugging of wells and will comply with them, and that each and all of the statements in the Well Plugging Plan of Operations and attachments are true to the best of my knowledge and belief.

Jesse E Sprague
 Signature of Applicant

 Date

IX. ACTION OF THE STATE ENGINEER:

This Well Plugging Plan of Operations is:

- X Approved subject to the attached conditions.
 _____ Not approved for the reasons provided on the attached letter.

Witness my hand and official seal this 28th day of July, 2015

Tom Blaine,
~~XXXXXXXXXXXX~~
 Scott A. Wehner, State Engineer

By: Kimberly Kirby
 Kimberly Kirby, Water Resource Spec.
 Water Rights Division District V

Well Plugging Plan
 Version: December, 2011
 Page 3 of 5

TABLE A - For plugging intervals that employ cement grout. Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of grout placement (ft bgl)			Grouted to surface
Bottom of proposed interval of grout placement (ft bgl)			48 feet BGS in MW-1
Theoretical volume of grout required per interval (gallons)	OSE Notation: The volume per linear foot for a 2-inch diameter well is 0.16 gallons at a 48-foot depth, the total minimum plugging volume is 7.83 gallons.		18 gallons for monitoring well
Proposed cement grout mix gallons of water per 94-lb. sack of Portland cement			6.0
Mixed on-site or batch-mixed and delivered?			Mixed Onsite
Grout additive 1 requested			
Additive 1 percent by dry weight relative to cement			
Grout additive 2 requested			
Additive 2 percent by dry weight relative to cement			

STATE ENGINEER OFFICE
 AZTEC, NEW MEXICO
 2015 JUL 23 PM 1:44

TABLE B - For plugging intervals that will employ approved non-cement based sealant(s). Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of sealant placement (ft bgl)			
Bottom of proposed sealant of grout placement (ft bgl)			
Theoretical volume of sealant required per interval (gallons)			
Proposed abandonment sealant (manufacturer and trade name)			

STATE ENGINEER OFFICE
AZTEC, NEW MEXICO
2015 JUL 23 PM 1:44



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER OFFICE
AZTEC, NEW MEXICO

2015 FEB -9 AM 8:15
2015 FEB -9 PM 1:02

1. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER) SJ-4124 POD 1 (MW-1)			SMA 006			OSE FILE NUMBER(S) SJ-4124			
	WELL OWNER NAME(S) ENTERPRISE PRODUCTS COMPANY - THOMAS LONG						PHONE (OPTIONAL) 505-559-2286			
	WELL OWNER MAILING ADDRESS 614 REILLY AVENUE						CITY FARMINGTON		STATE NM	ZIP 87401
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 36		MINUTES 32	SECONDS 42.94		N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
	LONGITUDE -107		38	41.66		W	* DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE UNIT 8, SECTION 26, TOWNSHIP 27N, RANGE 8W										
2. DRILLING & CASING INFORMATION	LICENSE NUMBER WD-1186		NAME OF LICENSED DRILLER RODNEY HAMMER				NAME OF WELL DRILLING COMPANY ENVIRO-DRILL, INC.			
	DRILLING STARTED 01-20-15		DRILLING ENDED 01-22-15		DEPTH OF COMPLETED WELL (FT) 32		BORE HOLE DEPTH (FT) 32		DEPTH WATER FIRST ENCOUNTERED (FT) 21'	
	COMPLETED WELL IS <input type="radio"/> ARTESIAN <input type="radio"/> DRY HOLE <input checked="" type="radio"/> SHALLOW (UNCONFINED)								STATIC WATER LEVEL IN COMPLETED WELL (FT) 21'	
	DRILLING FLUID: <input type="radio"/> AIR <input type="radio"/> MUD ADDITIVES - SPECIFY:									
	DRILLING METHOD <input type="radio"/> ROTARY <input type="radio"/> HAMMER <input type="radio"/> CABLE TOOL <input checked="" type="radio"/> OTHER - SPECIFY: HSA									
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)		
	FROM	TO								
	0	15'	7 1/4"	PVC	FJT	2"	SCH 40			
	15'	30'	7 1/4"	PVC	FJT	2"	SCH 40	.010		
	30'	32'	7 1/4"	PVC	FJT	2"	SCH 40			
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT				
	FROM	TO								
	0	11'	7 1/4"	GROUT	25 GAL	TRIMMIE				
	11'	13'	7 1/4"	HOPE PLUS	1	TRIMMIE				
	13	32'	7 1/4"	10-20 SILICA SAND	5	TRIMMIE				

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER	SJ-4124	POD 1	POD NUMBER	1	TRN NUMBER	643719
LOCATION	27N.08W.26.24					PAGE 1 OF 2

STATE ENGINEER'S OFFICE
AZTEC, NEW MEXICOPAGE 2 OF 2



APPENDIX C

Executed C-138 Solid Waste Acceptance Form

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

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

Form C-138
Revised 08/01/11

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

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Generator Name and Address:

Enterprise Field Services, LLC, 614 Reilly Ave, Farmington NM 87401

PayKey: AM14058

PM: Dwayne Dixon

AFE: Pending

2. Originating Site:

Lateral K-17

3. Location of Material (Street Address, City, State or ULSTR):

UL J Section 22 T27N R8W; 36.557712, -107.668641

4. Source and Description of Waste:

Source: Remediation activities associated with a natural gas pipeline leak.

Description: Hydrocarbon/Condensate impacted soil associated natural gas pipeline release.

Estimated Volume 50 yd³ / bbls Known Volume (to be entered by the operator at the end of the haul) 504 yd³ bbls

5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS

I, Thomas Long *Thomas Long*, representative or authorized agent for Enterprise Products Operating do hereby

Generator Signature

certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification)

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

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

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

GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS

I, Thomas Long *Thomas Long* 7-11-2025, representative for Enterprise Products Operating authorizes Envirotech, Inc. to complete

Generator Signature

the required testing/sign the Generator Waste Testing Certification.

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

5. Transporter: Sierra Oil Field Services

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: 7/22/25



APPENDIX D

Photographic Documentation

SITE PHOTOGRAPHS

Enterprise Field Services, LLC
Closure Report
Lateral K-17 (July 2025) Pipeline Release
Ensolum Project No. 05A1226378

**Photograph 1**

Photograph Description: View of the initial excavation.

**Photograph 2**

Photograph Description: View of the in process excavation activities.

**Photograph 3**

Photograph Description: View of the in process excavation activities.



SITE PHOTOGRAPHS

Enterprise Field Services, LLC
Closure Report
Lateral K-17 (July 2025) Pipeline Release
Ensolum Project No. 05A1226378

**Photograph 4**

Photograph Description: View of the in process excavation activities.

**Photograph 5**

Photograph Description: View after initial restoration activities.





APPENDIX E

Regulatory Correspondence

From: [Long, Thomas](#)
To: [Kyle Summers](#)
Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 487239
Date: Tuesday, July 22, 2025 7:16:41 AM

[**EXTERNAL EMAIL**]

For the Lateral K-17.

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



From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Tuesday, July 22, 2025 7:16 AM
To: Long, Thomas <tjlong@eprod.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 487239

[Use caution with links/attachments]

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2520326032.

The sampling event is expected to take place:

When: 07/24/2025 @ 09:00

Where: J-22-27N-08W 0 FNL 0 FEL (36.557712,-107.66841)

Additional Information: Ensolum, LLC

Additional Instructions: 36.557712,-107.66841

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

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

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

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

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

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
Lateral K-17 (July 2025)
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													
S-1	7.24.25	C	0 to 20	<0.016	<0.031	<0.031	<0.063	ND	<3.1	<9.6	<48	ND	<60
S-2	7.24.25	C	0 to 15	<0.016	<0.032	<0.032	<0.063	ND	<3.2	<9.4	<47	ND	<60
S-3	7.24.25	C	0 to 15	<0.018	<0.036	<0.036	<0.071	ND	<3.6	<9.5	<47	ND	<60
S-4	7.24.25	C	0 to 15	<0.015	<0.031	<0.031	<0.062	ND	<3.1	<9.8	<49	ND	<60
S-5	7.24.25	C	15 to 20	<0.016	<0.032	<0.032	<0.065	ND	<3.2	<9.7	<49	ND	<60
S-6	7.24.25	C	0 to 15	<0.016	<0.032	<0.032	<0.064	ND	<3.2	<10	<50	ND	<60
S-7	7.24.25	C	20	<0.015	<0.031	<0.031	0.14	0.14	<3.1	<9.6	<48	ND	<60
S-8	7.24.25	C	0 to 20	<0.016	<0.032	<0.032	<0.063	ND	<3.2	<9.7	<48	ND	<60
S-9	7.24.25	C	0 to 20	<0.016	<0.031	<0.031	0.085	0.085	<3.1	<9.5	<47	ND	<60
S-10	7.24.25	C	0 to 20	<0.018	<0.037	<0.037	<0.074	ND	<3.7	<9.8	<49	ND	<60
S-11	7.24.25	C	0 to 4	<0.018	<0.037	<0.037	<0.073	ND	<3.7	11	<49	11	<60
Backfill Composite Soil Sample													
BF-1	7.24.25	C	BF	<0.016	<0.032	0.049	0.54	0.59	15	27	<50	42	<60

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

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

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

NE = Not established

NS = Not sampled

mg/kg = milligrams per kilogram

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes

TPH = Total Petroleum Hydrocarbons

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

MRO = Motor Oil/Lube Oil Range Organics

BF = Backfill sample



APPENDIX G

Laboratory Data Sheets & Chain of Custody Documentation



Environment Testing

1

2

3

4

5

6

7

8

9

10

11

ANALYTICAL REPORT

PREPARED FOR

Attn: Kyle Summers
Ensolum
606 S Rio Grande
Suite A
Aztec, New Mexico 87410
Generated 7/30/2025 5:33:30 PM

JOB DESCRIPTION

Lateral K-17 (7-11-25) RLS

JOB NUMBER

885-29579-1

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
7/30/2025 5:33:30 PM

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

Client: Ensolum
Project/Site: Lateral K-17 (7-11-25) RLS

Laboratory Job ID: 885-29579-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	18
QC Association Summary	23
Lab Chronicle	27
Certification Summary	31
Chain of Custody	32
Receipt Checklists	33



Definitions/Glossary

Client: Ensolum
Project/Site: Lateral K-17 (7-11-25) RLS

Job ID: 885-29579-1

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: Lateral K-17 (7-11-25) RLS

Job ID: 885-29579-1

Job ID: 885-29579-1 Eurofins Albuquerque

Job Narrative 885-29579-1

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

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

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

Receipt

The samples were received on 7/25/2025 7:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.9°C.

Gasoline Range Organics

Method 8015D_GRO: Surrogate recovery for the following sample was outside control limits: BF01 (885-29579-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Job ID: 885-29579-1

Project/Site: Lateral K-17 (7-11-25) RLS

Client Sample ID: S1

Lab Sample ID: 885-29579-1

Date Collected: 07/24/25 09:48

Matrix: Solid

Date Received: 07/25/25 07:10

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		07/25/25 10:01	07/25/25 12:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		15 - 150			07/25/25 10:01	07/25/25 12:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016	mg/Kg		07/25/25 10:01	07/25/25 12:22	1
Ethylbenzene	ND		0.031	mg/Kg		07/25/25 10:01	07/25/25 12:22	1
Toluene	ND		0.031	mg/Kg		07/25/25 10:01	07/25/25 12:22	1
Xylenes, Total	ND		0.063	mg/Kg		07/25/25 10:01	07/25/25 12:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150			07/25/25 10:01	07/25/25 12:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		07/25/25 09:22	07/25/25 12:11	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		07/25/25 09:22	07/25/25 12:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134			07/25/25 09:22	07/25/25 12:11	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/25/25 10:32	07/25/25 11:33	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum

Job ID: 885-29579-1

Project/Site: Lateral K-17 (7-11-25) RLS

Client Sample ID: S2

Lab Sample ID: 885-29579-2

Date Collected: 07/24/25 09:58

Matrix: Solid

Date Received: 07/25/25 07:10

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		07/25/25 10:01	07/25/25 12:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		15 - 150			07/25/25 10:01	07/25/25 12:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016	mg/Kg		07/25/25 10:01	07/25/25 12:44	1
Ethylbenzene	ND		0.032	mg/Kg		07/25/25 10:01	07/25/25 12:44	1
Toluene	ND		0.032	mg/Kg		07/25/25 10:01	07/25/25 12:44	1
Xylenes, Total	ND		0.063	mg/Kg		07/25/25 10:01	07/25/25 12:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150			07/25/25 10:01	07/25/25 12:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		07/25/25 09:22	07/25/25 12:47	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		07/25/25 09:22	07/25/25 12:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			07/25/25 09:22	07/25/25 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/25/25 10:32	07/25/25 11:47	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum

Job ID: 885-29579-1

Project/Site: Lateral K-17 (7-11-25) RLS

Client Sample ID: S3

Lab Sample ID: 885-29579-3

Date Collected: 07/24/25 10:39

Matrix: Solid

Date Received: 07/25/25 07:10

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		07/25/25 10:01	07/25/25 13:06	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	105		15 - 150			07/25/25 10:01	07/25/25 13:06	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.018	mg/Kg		07/25/25 10:01	07/25/25 13:06	1	
Ethylbenzene	ND		0.036	mg/Kg		07/25/25 10:01	07/25/25 13:06	1	
Toluene	ND		0.036	mg/Kg		07/25/25 10:01	07/25/25 13:06	1	
Xylenes, Total	ND		0.071	mg/Kg		07/25/25 10:01	07/25/25 13:06	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	94		15 - 150			07/25/25 10:01	07/25/25 13:06	1	
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		07/25/25 09:22	07/25/25 12:59	1	
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		07/25/25 09:22	07/25/25 12:59	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	95		62 - 134			07/25/25 09:22	07/25/25 12:59	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		60	mg/Kg		07/25/25 10:32	07/25/25 12:00	20	

Client Sample Results

Client: Ensolum

Job ID: 885-29579-1

Project/Site: Lateral K-17 (7-11-25) RLS

Client Sample ID: S4

Lab Sample ID: 885-29579-4

Date Collected: 07/24/25 11:51

Matrix: Solid

Date Received: 07/25/25 07:10

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		07/25/25 10:01	07/25/25 13:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150			07/25/25 10:01	07/25/25 13:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.015	mg/Kg		07/25/25 10:01	07/25/25 13:28	1
Ethylbenzene	ND		0.031	mg/Kg		07/25/25 10:01	07/25/25 13:28	1
Toluene	ND		0.031	mg/Kg		07/25/25 10:01	07/25/25 13:28	1
Xylenes, Total	ND		0.062	mg/Kg		07/25/25 10:01	07/25/25 13:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150			07/25/25 10:01	07/25/25 13:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		07/25/25 09:22	07/25/25 13:11	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		07/25/25 09:22	07/25/25 13:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			07/25/25 09:22	07/25/25 13:11	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/25/25 10:32	07/25/25 12:14	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum

Job ID: 885-29579-1

Project/Site: Lateral K-17 (7-11-25) RLS

Client Sample ID: S5

Lab Sample ID: 885-29579-5

Date Collected: 07/24/25 11:37

Matrix: Solid

Date Received: 07/25/25 07:10

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		07/25/25 10:01	07/25/25 13:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150			07/25/25 10:01	07/25/25 13:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016	mg/Kg		07/25/25 10:01	07/25/25 13:49	1
Ethylbenzene	ND		0.032	mg/Kg		07/25/25 10:01	07/25/25 13:49	1
Toluene	ND		0.032	mg/Kg		07/25/25 10:01	07/25/25 13:49	1
Xylenes, Total	ND		0.065	mg/Kg		07/25/25 10:01	07/25/25 13:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		15 - 150			07/25/25 10:01	07/25/25 13:49	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		07/25/25 09:22	07/25/25 11:48	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		07/25/25 09:22	07/25/25 11:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	105		62 - 134			07/25/25 09:22	07/25/25 11:48	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/25/25 10:32	07/25/25 12:28	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum

Job ID: 885-29579-1

Project/Site: Lateral K-17 (7-11-25) RLS

Client Sample ID: S6

Lab Sample ID: 885-29579-6

Date Collected: 07/24/25 12:01

Matrix: Solid

Date Received: 07/25/25 07:10

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		07/25/25 10:01	07/25/25 14:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		15 - 150			07/25/25 10:01	07/25/25 14:11	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016	mg/Kg		07/25/25 10:01	07/25/25 14:11	1
Ethylbenzene	ND		0.032	mg/Kg		07/25/25 10:01	07/25/25 14:11	1
Toluene	ND		0.032	mg/Kg		07/25/25 10:01	07/25/25 14:11	1
Xylenes, Total	ND		0.064	mg/Kg		07/25/25 10:01	07/25/25 14:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150			07/25/25 10:01	07/25/25 14:11	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		07/25/25 09:22	07/25/25 11:59	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		07/25/25 09:22	07/25/25 11:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	108		62 - 134			07/25/25 09:22	07/25/25 11:59	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/25/25 10:32	07/25/25 12:41	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum

Job ID: 885-29579-1

Project/Site: Lateral K-17 (7-11-25) RLS

Client Sample ID: S7

Lab Sample ID: 885-29579-7

Date Collected: 07/24/25 12:35

Matrix: Solid

Date Received: 07/25/25 07:10

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		07/25/25 10:01	07/25/25 14:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		15 - 150			07/25/25 10:01	07/25/25 14:33	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.015	mg/Kg		07/25/25 10:01	07/25/25 14:33	1
Ethylbenzene	ND		0.031	mg/Kg		07/25/25 10:01	07/25/25 14:33	1
Toluene	ND		0.031	mg/Kg		07/25/25 10:01	07/25/25 14:33	1
Xylenes, Total	0.14		0.062	mg/Kg		07/25/25 10:01	07/25/25 14:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			07/25/25 10:01	07/25/25 14:33	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		07/25/25 09:22	07/25/25 12:09	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		07/25/25 09:22	07/25/25 12:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	108		62 - 134			07/25/25 09:22	07/25/25 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/25/25 10:32	07/25/25 12:55	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum

Job ID: 885-29579-1

Project/Site: Lateral K-17 (7-11-25) RLS

Client Sample ID: BF01

Lab Sample ID: 885-29579-8

Date Collected: 07/24/25 13:05

Matrix: Solid

Date Received: 07/25/25 07:10

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	15		3.2	mg/Kg		07/25/25 10:25	07/25/25 13:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	153	S1+	15 - 150			07/25/25 10:25	07/25/25 13:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016	mg/Kg		07/25/25 10:25	07/25/25 13:06	1
Ethylbenzene	0.049		0.032	mg/Kg		07/25/25 10:25	07/25/25 13:06	1
Toluene	ND		0.032	mg/Kg		07/25/25 10:25	07/25/25 13:06	1
Xylenes, Total	0.54		0.065	mg/Kg		07/25/25 10:25	07/25/25 13:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		15 - 150			07/25/25 10:25	07/25/25 13:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	27		10	mg/Kg		07/25/25 09:22	07/25/25 12:20	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		07/25/25 09:22	07/25/25 12:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	111		62 - 134			07/25/25 09:22	07/25/25 12:20	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/25/25 10:32	07/25/25 13:08	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum

Job ID: 885-29579-1

Project/Site: Lateral K-17 (7-11-25) RLS

Client Sample ID: S8

Lab Sample ID: 885-29579-9

Date Collected: 07/24/25 13:15

Matrix: Solid

Date Received: 07/25/25 07:10

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		07/25/25 10:25	07/25/25 13:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		15 - 150			07/25/25 10:25	07/25/25 13:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016	mg/Kg		07/25/25 10:25	07/25/25 13:30	1
Ethylbenzene	ND		0.032	mg/Kg		07/25/25 10:25	07/25/25 13:30	1
Toluene	ND		0.032	mg/Kg		07/25/25 10:25	07/25/25 13:30	1
Xylenes, Total	ND		0.063	mg/Kg		07/25/25 10:25	07/25/25 13:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		15 - 150			07/25/25 10:25	07/25/25 13:30	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		07/25/25 09:22	07/25/25 12:31	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		07/25/25 09:22	07/25/25 12:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	109		62 - 134			07/25/25 09:22	07/25/25 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/25/25 10:32	07/25/25 13:49	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum

Job ID: 885-29579-1

Project/Site: Lateral K-17 (7-11-25) RLS

Client Sample ID: S9

Lab Sample ID: 885-29579-10

Date Collected: 07/24/25 13:41

Matrix: Solid

Date Received: 07/25/25 07:10

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		07/25/25 10:25	07/25/25 13:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		15 - 150			07/25/25 10:25	07/25/25 13:54	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016	mg/Kg		07/25/25 10:25	07/25/25 13:54	1
Ethylbenzene	ND		0.031	mg/Kg		07/25/25 10:25	07/25/25 13:54	1
Toluene	ND		0.031	mg/Kg		07/25/25 10:25	07/25/25 13:54	1
Xylenes, Total	0.085		0.063	mg/Kg		07/25/25 10:25	07/25/25 13:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			07/25/25 10:25	07/25/25 13:54	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		07/25/25 09:22	07/25/25 12:42	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		07/25/25 09:22	07/25/25 12:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	111		62 - 134			07/25/25 09:22	07/25/25 12:42	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/25/25 10:32	07/25/25 14:03	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum

Job ID: 885-29579-1

Project/Site: Lateral K-17 (7-11-25) RLS

Client Sample ID: S10

Lab Sample ID: 885-29579-11

Date Collected: 07/24/25 13:45

Matrix: Solid

Date Received: 07/25/25 07:10

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.7	mg/Kg		07/25/25 10:25	07/25/25 14:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150			07/25/25 10:25	07/25/25 14:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		07/25/25 10:25	07/25/25 14:17	1
Ethylbenzene	ND		0.037	mg/Kg		07/25/25 10:25	07/25/25 14:17	1
Toluene	ND		0.037	mg/Kg		07/25/25 10:25	07/25/25 14:17	1
Xylenes, Total	ND		0.074	mg/Kg		07/25/25 10:25	07/25/25 14:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		15 - 150			07/25/25 10:25	07/25/25 14:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		07/25/25 09:22	07/25/25 12:53	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		07/25/25 09:22	07/25/25 12:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	119		62 - 134			07/25/25 09:22	07/25/25 12:53	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/25/25 10:32	07/25/25 14:17	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum

Job ID: 885-29579-1

Project/Site: Lateral K-17 (7-11-25) RLS

Client Sample ID: S11

Lab Sample ID: 885-29579-12

Date Collected: 07/24/25 13:28

Matrix: Solid

Date Received: 07/25/25 07:10

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.7	mg/Kg		07/25/25 10:25	07/25/25 14:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150			07/25/25 10:25	07/25/25 14:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		07/25/25 10:25	07/25/25 14:41	1
Ethylbenzene	ND		0.037	mg/Kg		07/25/25 10:25	07/25/25 14:41	1
Toluene	ND		0.037	mg/Kg		07/25/25 10:25	07/25/25 14:41	1
Xylenes, Total	ND		0.073	mg/Kg		07/25/25 10:25	07/25/25 14:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		15 - 150			07/25/25 10:25	07/25/25 14:41	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]	11		9.8	mg/Kg		07/25/25 09:22	07/25/25 13:04	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		07/25/25 09:22	07/25/25 13:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	119		62 - 134			07/25/25 09:22	07/25/25 13:04	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/25/25 10:32	07/25/25 14:30	20

Eurofins Albuquerque

QC Sample Results

Client: Ensolum

Job ID: 885-29579-1

Project/Site: Lateral K-17 (7-11-25) RLS

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

Lab Sample ID: MB 885-30895/1-A

Matrix: Solid

Analysis Batch: 30909

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 30895

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		07/25/25 10:01	07/25/25 12:01	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		15 - 150			07/25/25 10:01	07/25/25 12:01	1

Lab Sample ID: LCS 885-30895/2-A

Matrix: Solid

Analysis Batch: 30909

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 30895

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	29.2		mg/Kg		117	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	223		15 - 150				

Lab Sample ID: 885-29579-1 MS

Matrix: Solid

Analysis Batch: 30909

Client Sample ID: S1

Prep Type: Total/NA

Prep Batch: 30895

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		15.7	18.5		mg/Kg		118	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	216		15 - 150						

Lab Sample ID: 885-29579-1 MSD

Matrix: Solid

Analysis Batch: 30909

Client Sample ID: S1

Prep Type: Total/NA

Prep Batch: 30895

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	17.8		mg/Kg		114	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	209		15 - 150								

Lab Sample ID: MB 885-30899/1-A

Matrix: Solid

Analysis Batch: 30905

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 30899

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		07/25/25 10:25	07/25/25 12:43	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150			07/25/25 10:25	07/25/25 12:43	1

Eurofins Albuquerque

QC Sample Results

Client: Ensolum

Job ID: 885-29579-1

Project/Site: Lateral K-17 (7-11-25) RLS

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

Lab Sample ID: LCS 885-30899/2-A

Matrix: Solid

Analysis Batch: 30905

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 30899

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics [C6 - C10]			25.0	25.0		mg/Kg		100	70 - 130		
Surrogate		LCS	LCS								
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	194		15 - 150								

Lab Sample ID: 885-29579-8 MS

Matrix: Solid

Analysis Batch: 30905

Client Sample ID: BF01

Prep Type: Total/NA

Prep Batch: 30899

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics [C6 - C10]	15		16.1	34.2		mg/Kg		121	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
4-Bromofluorobenzene (Surr)	257		15 - 150								

Lab Sample ID: 885-29579-8 MSD

Matrix: Solid

Analysis Batch: 30905

Client Sample ID: BF01

Prep Type: Total/NA

Prep Batch: 30899

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics [C6 - C10]	15		16.1	32.3		mg/Kg		109	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	257		15 - 150								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-30895/1-A

Matrix: Solid

Analysis Batch: 30910

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 30895

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		07/25/25 10:01	07/25/25 12:01	1
Ethylbenzene	ND		0.050	mg/Kg		07/25/25 10:01	07/25/25 12:01	1
Toluene	ND		0.050	mg/Kg		07/25/25 10:01	07/25/25 12:01	1
Xylenes, Total	ND		0.10	mg/Kg		07/25/25 10:01	07/25/25 12:01	1
	MB	MB						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			07/25/25 10:01	07/25/25 12:01	1

Eurofins Albuquerque

QC Sample Results

Client: Ensolum

Job ID: 885-29579-1

Project/Site: Lateral K-17 (7-11-25) RLS

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

Lab Sample ID: LCS 885-30895/3-A

Matrix: Solid

Analysis Batch: 30910

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 30895

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	1.00	0.850		mg/Kg		85	70 - 130	
Ethylbenzene	1.00	0.891		mg/Kg		89	70 - 130	
Toluene	1.00	0.856		mg/Kg		86	70 - 130	
Xylenes, Total	3.00	2.69		mg/Kg		90	70 - 130	

Surrogate	LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		15 - 150

Lab Sample ID: 885-29579-2 MS

Matrix: Solid

Analysis Batch: 30910

Client Sample ID: S2

Prep Type: Total/NA

Prep Batch: 30895

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	ND		0.633	0.508		mg/Kg		80	70 - 130	
Ethylbenzene	ND		0.633	0.528		mg/Kg		83	70 - 130	
Toluene	ND		0.633	0.512		mg/Kg		81	70 - 130	
Xylenes, Total	ND		1.90	1.63		mg/Kg		85	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	93		15 - 150

Lab Sample ID: 885-29579-2 MSD

Matrix: Solid

Analysis Batch: 30910

Client Sample ID: S2

Prep Type: Total/NA

Prep Batch: 30895

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	
											RPD	Limit
Benzene	ND		0.633	0.492		mg/Kg		78	70 - 130		3	20
Ethylbenzene	ND		0.633	0.509		mg/Kg		80	70 - 130		4	20
Toluene	ND		0.633	0.491		mg/Kg		78	70 - 130		4	20
Xylenes, Total	ND		1.90	1.55		mg/Kg		80	70 - 130		5	20

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	93		15 - 150

Lab Sample ID: MB 885-30899/1-A

Matrix: Solid

Analysis Batch: 30906

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 30899

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		07/25/25 10:25	07/25/25 12:43	1
Ethylbenzene	ND		0.050	mg/Kg		07/25/25 10:25	07/25/25 12:43	1
Toluene	ND		0.050	mg/Kg		07/25/25 10:25	07/25/25 12:43	1
Xylenes, Total	ND		0.10	mg/Kg		07/25/25 10:25	07/25/25 12:43	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	94		15 - 150	07/25/25 10:25	07/25/25 12:43	1

Eurofins Albuquerque

QC Sample Results

Client: Ensolum

Job ID: 885-29579-1

Project/Site: Lateral K-17 (7-11-25) RLS

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

Lab Sample ID: LCS 885-30899/3-A

Matrix: Solid

Analysis Batch: 30906

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 30899

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.961		mg/Kg		96	70 - 130
Ethylbenzene	1.00	0.939		mg/Kg		94	70 - 130
Toluene	1.00	0.939		mg/Kg		94	70 - 130
Xylenes, Total	3.00	2.90		mg/Kg		97	70 - 130

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

Lab Sample ID: 885-29579-9 MS

Matrix: Solid

Analysis Batch: 30906

Client Sample ID: S8

Prep Type: Total/NA

Prep Batch: 30899

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.631	0.538		mg/Kg		85	70 - 130
Ethylbenzene	ND		0.631	0.556		mg/Kg		87	70 - 130
Toluene	ND		0.631	0.556		mg/Kg		87	70 - 130
Xylenes, Total	ND		1.89	1.75		mg/Kg		90	70 - 130

Surrogate	%Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		15 - 150

Lab Sample ID: 885-29579-9 MSD

Matrix: Solid

Analysis Batch: 30906

Client Sample ID: S8

Prep Type: Total/NA

Prep Batch: 30899

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.631	0.524		mg/Kg		83	70 - 130	3	20
Ethylbenzene	ND		0.631	0.553		mg/Kg		87	70 - 130	0	20
Toluene	ND		0.631	0.547		mg/Kg		85	70 - 130	2	20
Xylenes, Total	ND		1.89	1.75		mg/Kg		90	70 - 130	0	20

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

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

Lab Sample ID: MB 885-30890/1-A

Matrix: Solid

Analysis Batch: 30908

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 30890

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		07/25/25 09:20	07/25/25 11:47	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		07/25/25 09:20	07/25/25 11:47	1

Surrogate	%Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134	07/25/25 09:20	07/25/25 11:47	1

Eurofins Albuquerque

QC Sample Results

Client: Ensolum

Job ID: 885-29579-1

Project/Site: Lateral K-17 (7-11-25) RLS

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

Lab Sample ID: LCS 885-30890/2-A

Matrix: Solid

Analysis Batch: 30908

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 30890

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec	Limits		
			Added	Result	Qualifier							
Diesel Range Organics [C10-C28]			50.0	47.8		mg/Kg		96		51 - 148		
Surrogate	LCS	LCS										
	%Recovery	Qualifier	Limits									
Di-n-octyl phthalate (Surr)	98		62 - 134									

Lab Sample ID: 885-29579-1 MS

Matrix: Solid

Analysis Batch: 30908

Client Sample ID: S1

Prep Type: Total/NA

Prep Batch: 30890

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier			Limits			
Diesel Range Organics [C10-C28]	ND		48.4	49.8		mg/Kg		103	44 - 136		
Surrogate	MS	MS									
Di-n-octyl phthalate (Surr)	%Recovery	Qualifier	Limits								
	106		62 - 134								

Lab Sample ID: 885-29579-1 MSD

Matrix: Solid

Analysis Batch: 30908

Client Sample ID: S1

Prep Type: Total/NA

Prep Batch: 30890

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Diesel Range Organics [C10-C28]	ND		48.5	47.7		mg/Kg		98	44 - 136	4	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	96		62 - 134								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-30901/1-A

Matrix: Solid

Analysis Batch: 30880

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 30901

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5	mg/Kg		07/25/25 10:32	07/25/25 10:58	1

Lab Sample ID: LCS 885-30901/2-A

Matrix: Solid

Analysis Batch: 30880

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 30901

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

Eurofins Albuquerque

QC Association Summary

Client: Ensolum

Job ID: 885-29579-1

Project/Site: Lateral K-17 (7-11-25) RLS

GC VOA

Prep Batch: 30895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29579-1	S1	Total/NA	Solid	5035	
885-29579-2	S2	Total/NA	Solid	5035	
885-29579-3	S3	Total/NA	Solid	5035	
885-29579-4	S4	Total/NA	Solid	5035	
885-29579-5	S5	Total/NA	Solid	5035	
885-29579-6	S6	Total/NA	Solid	5035	
885-29579-7	S7	Total/NA	Solid	5035	
MB 885-30895/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-30895/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-30895/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-29579-1 MS	S1	Total/NA	Solid	5035	
885-29579-1 MSD	S1	Total/NA	Solid	5035	
885-29579-2 MS	S2	Total/NA	Solid	5035	
885-29579-2 MSD	S2	Total/NA	Solid	5035	

Prep Batch: 30899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29579-8	BF01	Total/NA	Solid	5035	
885-29579-9	S8	Total/NA	Solid	5035	
885-29579-10	S9	Total/NA	Solid	5035	
885-29579-11	S10	Total/NA	Solid	5035	
885-29579-12	S11	Total/NA	Solid	5035	
MB 885-30899/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-30899/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-30899/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-29579-8 MS	BF01	Total/NA	Solid	5035	
885-29579-8 MSD	BF01	Total/NA	Solid	5035	
885-29579-9 MS	S8	Total/NA	Solid	5035	
885-29579-9 MSD	S8	Total/NA	Solid	5035	

Analysis Batch: 30905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29579-8	BF01	Total/NA	Solid	8015M/D	30899
885-29579-9	S8	Total/NA	Solid	8015M/D	30899
885-29579-10	S9	Total/NA	Solid	8015M/D	30899
885-29579-11	S10	Total/NA	Solid	8015M/D	30899
885-29579-12	S11	Total/NA	Solid	8015M/D	30899
MB 885-30899/1-A	Method Blank	Total/NA	Solid	8015M/D	30899
LCS 885-30899/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	30899
885-29579-8 MS	BF01	Total/NA	Solid	8015M/D	30899
885-29579-8 MSD	BF01	Total/NA	Solid	8015M/D	30899

Analysis Batch: 30906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29579-8	BF01	Total/NA	Solid	8021B	30899
885-29579-9	S8	Total/NA	Solid	8021B	30899
885-29579-10	S9	Total/NA	Solid	8021B	30899
885-29579-11	S10	Total/NA	Solid	8021B	30899
885-29579-12	S11	Total/NA	Solid	8021B	30899
MB 885-30899/1-A	Method Blank	Total/NA	Solid	8021B	30899
LCS 885-30899/3-A	Lab Control Sample	Total/NA	Solid	8021B	30899

Eurofins Albuquerque

QC Association Summary

Client: Ensolum

Job ID: 885-29579-1

Project/Site: Lateral K-17 (7-11-25) RLS

GC VOA (Continued)

Analysis Batch: 30906 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29579-9 MS	S8	Total/NA	Solid	8021B	30899
885-29579-9 MSD	S8	Total/NA	Solid	8021B	30899

Analysis Batch: 30909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29579-1	S1	Total/NA	Solid	8015M/D	30895
885-29579-2	S2	Total/NA	Solid	8015M/D	30895
885-29579-3	S3	Total/NA	Solid	8015M/D	30895
885-29579-4	S4	Total/NA	Solid	8015M/D	30895
885-29579-5	S5	Total/NA	Solid	8015M/D	30895
885-29579-6	S6	Total/NA	Solid	8015M/D	30895
885-29579-7	S7	Total/NA	Solid	8015M/D	30895
MB 885-30895/1-A	Method Blank	Total/NA	Solid	8015M/D	30895
LCS 885-30895/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	30895
885-29579-1 MS	S1	Total/NA	Solid	8015M/D	30895
885-29579-1 MSD	S1	Total/NA	Solid	8015M/D	30895

Analysis Batch: 30910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29579-1	S1	Total/NA	Solid	8021B	30895
885-29579-2	S2	Total/NA	Solid	8021B	30895
885-29579-3	S3	Total/NA	Solid	8021B	30895
885-29579-4	S4	Total/NA	Solid	8021B	30895
885-29579-5	S5	Total/NA	Solid	8021B	30895
885-29579-6	S6	Total/NA	Solid	8021B	30895
885-29579-7	S7	Total/NA	Solid	8021B	30895
MB 885-30895/1-A	Method Blank	Total/NA	Solid	8021B	30895
LCS 885-30895/3-A	Lab Control Sample	Total/NA	Solid	8021B	30895
885-29579-2 MS	S2	Total/NA	Solid	8021B	30895
885-29579-2 MSD	S2	Total/NA	Solid	8021B	30895

GC Semi VOA

Analysis Batch: 30888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29579-5	S5	Total/NA	Solid	8015M/D	30890
885-29579-6	S6	Total/NA	Solid	8015M/D	30890
885-29579-7	S7	Total/NA	Solid	8015M/D	30890
885-29579-8	BF01	Total/NA	Solid	8015M/D	30890
885-29579-9	S8	Total/NA	Solid	8015M/D	30890
885-29579-10	S9	Total/NA	Solid	8015M/D	30890
885-29579-11	S10	Total/NA	Solid	8015M/D	30890
885-29579-12	S11	Total/NA	Solid	8015M/D	30890

Prep Batch: 30890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29579-1	S1	Total/NA	Solid	SHAKE	
885-29579-2	S2	Total/NA	Solid	SHAKE	
885-29579-3	S3	Total/NA	Solid	SHAKE	
885-29579-4	S4	Total/NA	Solid	SHAKE	
885-29579-5	S5	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

QC Association Summary

Client: Ensolum

Job ID: 885-29579-1

Project/Site: Lateral K-17 (7-11-25) RLS

GC Semi VOA (Continued)

Prep Batch: 30890 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29579-6	S6	Total/NA	Solid	SHAKE	
885-29579-7	S7	Total/NA	Solid	SHAKE	
885-29579-8	BF01	Total/NA	Solid	SHAKE	
885-29579-9	S8	Total/NA	Solid	SHAKE	
885-29579-10	S9	Total/NA	Solid	SHAKE	
885-29579-11	S10	Total/NA	Solid	SHAKE	
885-29579-12	S11	Total/NA	Solid	SHAKE	
MB 885-30890/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-30890/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-29579-1 MS	S1	Total/NA	Solid	SHAKE	
885-29579-1 MSD	S1	Total/NA	Solid	SHAKE	

Analysis Batch: 30908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29579-1	S1	Total/NA	Solid	8015M/D	30890
885-29579-2	S2	Total/NA	Solid	8015M/D	30890
885-29579-3	S3	Total/NA	Solid	8015M/D	30890
885-29579-4	S4	Total/NA	Solid	8015M/D	30890
MB 885-30890/1-A	Method Blank	Total/NA	Solid	8015M/D	30890
LCS 885-30890/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	30890
885-29579-1 MS	S1	Total/NA	Solid	8015M/D	30890
885-29579-1 MSD	S1	Total/NA	Solid	8015M/D	30890

HPLC/IC

Analysis Batch: 30880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29579-1	S1	Total/NA	Solid	300.0	30901
885-29579-2	S2	Total/NA	Solid	300.0	30901
885-29579-3	S3	Total/NA	Solid	300.0	30901
885-29579-4	S4	Total/NA	Solid	300.0	30901
885-29579-5	S5	Total/NA	Solid	300.0	30901
885-29579-6	S6	Total/NA	Solid	300.0	30901
885-29579-7	S7	Total/NA	Solid	300.0	30901
885-29579-8	BF01	Total/NA	Solid	300.0	30901
885-29579-9	S8	Total/NA	Solid	300.0	30901
885-29579-10	S9	Total/NA	Solid	300.0	30901
885-29579-11	S10	Total/NA	Solid	300.0	30901
885-29579-12	S11	Total/NA	Solid	300.0	30901
MB 885-30901/1-A	Method Blank	Total/NA	Solid	300.0	30901
LCS 885-30901/2-A	Lab Control Sample	Total/NA	Solid	300.0	30901

Prep Batch: 30901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29579-1	S1	Total/NA	Solid	300_Prep	
885-29579-2	S2	Total/NA	Solid	300_Prep	
885-29579-3	S3	Total/NA	Solid	300_Prep	
885-29579-4	S4	Total/NA	Solid	300_Prep	
885-29579-5	S5	Total/NA	Solid	300_Prep	
885-29579-6	S6	Total/NA	Solid	300_Prep	
885-29579-7	S7	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

QC Association Summary

Client: Ensolum
Project/Site: Lateral K-17 (7-11-25) RLS

Job ID: 885-29579-1

HPLC/IC (Continued)

Prep Batch: 30901 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29579-8	BF01	Total/NA	Solid	300_Prep	
885-29579-9	S8	Total/NA	Solid	300_Prep	
885-29579-10	S9	Total/NA	Solid	300_Prep	
885-29579-11	S10	Total/NA	Solid	300_Prep	
885-29579-12	S11	Total/NA	Solid	300_Prep	
MB 885-30901/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-30901/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	



Lab Chronicle

Client: Ensolum

Job ID: 885-29579-1

Project/Site: Lateral K-17 (7-11-25) RLS

Client Sample ID: S1

Lab Sample ID: 885-29579-1

Date Collected: 07/24/25 09:48

Matrix: Solid

Date Received: 07/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			30895	KLS	EET ALB	07/25/25 10:01
Total/NA	Analysis	8015M/D		1	30909	AT	EET ALB	07/25/25 12:22
Total/NA	Prep	5035			30895	KLS	EET ALB	07/25/25 10:01
Total/NA	Analysis	8021B		1	30910	AT	EET ALB	07/25/25 12:22
Total/NA	Prep	SHAKE			30890	BZR	EET ALB	07/25/25 09:22
Total/NA	Analysis	8015M/D		1	30908	EM	EET ALB	07/25/25 12:11
Total/NA	Prep	300_Prep			30901	RC	EET ALB	07/25/25 10:32
Total/NA	Analysis	300.0		20	30880	KB	EET ALB	07/25/25 11:33

Client Sample ID: S2

Lab Sample ID: 885-29579-2

Date Collected: 07/24/25 09:58

Matrix: Solid

Date Received: 07/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			30895	KLS	EET ALB	07/25/25 10:01
Total/NA	Analysis	8015M/D		1	30909	AT	EET ALB	07/25/25 12:44
Total/NA	Prep	5035			30895	KLS	EET ALB	07/25/25 10:01
Total/NA	Analysis	8021B		1	30910	AT	EET ALB	07/25/25 12:44
Total/NA	Prep	SHAKE			30890	BZR	EET ALB	07/25/25 09:22
Total/NA	Analysis	8015M/D		1	30908	EM	EET ALB	07/25/25 12:47
Total/NA	Prep	300_Prep			30901	RC	EET ALB	07/25/25 10:32
Total/NA	Analysis	300.0		20	30880	KB	EET ALB	07/25/25 11:47

Client Sample ID: S3

Lab Sample ID: 885-29579-3

Date Collected: 07/24/25 10:39

Matrix: Solid

Date Received: 07/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			30895	KLS	EET ALB	07/25/25 10:01
Total/NA	Analysis	8015M/D		1	30909	AT	EET ALB	07/25/25 13:06
Total/NA	Prep	5035			30895	KLS	EET ALB	07/25/25 10:01
Total/NA	Analysis	8021B		1	30910	AT	EET ALB	07/25/25 13:06
Total/NA	Prep	SHAKE			30890	BZR	EET ALB	07/25/25 09:22
Total/NA	Analysis	8015M/D		1	30908	EM	EET ALB	07/25/25 12:59
Total/NA	Prep	300_Prep			30901	RC	EET ALB	07/25/25 10:32
Total/NA	Analysis	300.0		20	30880	KB	EET ALB	07/25/25 12:00

Client Sample ID: S4

Lab Sample ID: 885-29579-4

Date Collected: 07/24/25 11:51

Matrix: Solid

Date Received: 07/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			30895	KLS	EET ALB	07/25/25 10:01
Total/NA	Analysis	8015M/D		1	30909	AT	EET ALB	07/25/25 13:28

Eurofins Albuquerque

Lab Chronicle

Client: Ensolum

Project/Site: Lateral K-17 (7-11-25) RLS

Job ID: 885-29579-1

Client Sample ID: S4

Lab Sample ID: 885-29579-4

Date Collected: 07/24/25 11:51

Matrix: Solid

Date Received: 07/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			30895	KLS	EET ALB	07/25/25 10:01
Total/NA	Analysis	8021B		1	30910	AT	EET ALB	07/25/25 13:28
Total/NA	Prep	SHAKE			30890	BZR	EET ALB	07/25/25 09:22
Total/NA	Analysis	8015M/D		1	30908	EM	EET ALB	07/25/25 13:11
Total/NA	Prep	300_Prep			30901	RC	EET ALB	07/25/25 10:32
Total/NA	Analysis	300.0		20	30880	KB	EET ALB	07/25/25 12:14

Client Sample ID: S5

Lab Sample ID: 885-29579-5

Date Collected: 07/24/25 11:37

Matrix: Solid

Date Received: 07/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			30895	KLS	EET ALB	07/25/25 10:01
Total/NA	Analysis	8015M/D		1	30909	AT	EET ALB	07/25/25 13:49
Total/NA	Prep	5035			30895	KLS	EET ALB	07/25/25 10:01
Total/NA	Analysis	8021B		1	30910	AT	EET ALB	07/25/25 13:49
Total/NA	Prep	SHAKE			30890	BZR	EET ALB	07/25/25 09:22
Total/NA	Analysis	8015M/D		1	30888	EM	EET ALB	07/25/25 11:48
Total/NA	Prep	300_Prep			30901	RC	EET ALB	07/25/25 10:32
Total/NA	Analysis	300.0		20	30880	KB	EET ALB	07/25/25 12:28

Client Sample ID: S6

Lab Sample ID: 885-29579-6

Date Collected: 07/24/25 12:01

Matrix: Solid

Date Received: 07/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			30895	KLS	EET ALB	07/25/25 10:01
Total/NA	Analysis	8015M/D		1	30909	AT	EET ALB	07/25/25 14:11
Total/NA	Prep	5035			30895	KLS	EET ALB	07/25/25 10:01
Total/NA	Analysis	8021B		1	30910	AT	EET ALB	07/25/25 14:11
Total/NA	Prep	SHAKE			30890	BZR	EET ALB	07/25/25 09:22
Total/NA	Analysis	8015M/D		1	30888	EM	EET ALB	07/25/25 11:59
Total/NA	Prep	300_Prep			30901	RC	EET ALB	07/25/25 10:32
Total/NA	Analysis	300.0		20	30880	KB	EET ALB	07/25/25 12:41

Client Sample ID: S7

Lab Sample ID: 885-29579-7

Date Collected: 07/24/25 12:35

Matrix: Solid

Date Received: 07/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			30895	KLS	EET ALB	07/25/25 10:01
Total/NA	Analysis	8015M/D		1	30909	AT	EET ALB	07/25/25 14:33
Total/NA	Prep	5035			30895	KLS	EET ALB	07/25/25 10:01
Total/NA	Analysis	8021B		1	30910	AT	EET ALB	07/25/25 14:33

Lab Chronicle

Client: Ensolum

Job ID: 885-29579-1

Project/Site: Lateral K-17 (7-11-25) RLS

Client Sample ID: S7

Lab Sample ID: 885-29579-7

Date Collected: 07/24/25 12:35

Matrix: Solid

Date Received: 07/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			30890	BZR	EET ALB	07/25/25 09:22
Total/NA	Analysis	8015M/D		1	30888	EM	EET ALB	07/25/25 12:09
Total/NA	Prep	300_Prep			30901	RC	EET ALB	07/25/25 10:32
Total/NA	Analysis	300.0		20	30880	KB	EET ALB	07/25/25 12:55

Client Sample ID: BF01

Lab Sample ID: 885-29579-8

Date Collected: 07/24/25 13:05

Matrix: Solid

Date Received: 07/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			30899	KLS	EET ALB	07/25/25 10:25
Total/NA	Analysis	8015M/D		1	30905	JP	EET ALB	07/25/25 13:06
Total/NA	Prep	5035			30899	KLS	EET ALB	07/25/25 10:25
Total/NA	Analysis	8021B		1	30906	JP	EET ALB	07/25/25 13:06
Total/NA	Prep	SHAKE			30890	BZR	EET ALB	07/25/25 09:22
Total/NA	Analysis	8015M/D		1	30888	EM	EET ALB	07/25/25 12:20
Total/NA	Prep	300_Prep			30901	RC	EET ALB	07/25/25 10:32
Total/NA	Analysis	300.0		20	30880	KB	EET ALB	07/25/25 13:08

Client Sample ID: S8

Lab Sample ID: 885-29579-9

Date Collected: 07/24/25 13:15

Matrix: Solid

Date Received: 07/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			30899	KLS	EET ALB	07/25/25 10:25
Total/NA	Analysis	8015M/D		1	30905	JP	EET ALB	07/25/25 13:30
Total/NA	Prep	5035			30899	KLS	EET ALB	07/25/25 10:25
Total/NA	Analysis	8021B		1	30906	JP	EET ALB	07/25/25 13:30
Total/NA	Prep	SHAKE			30890	BZR	EET ALB	07/25/25 09:22
Total/NA	Analysis	8015M/D		1	30888	EM	EET ALB	07/25/25 12:31
Total/NA	Prep	300_Prep			30901	RC	EET ALB	07/25/25 10:32
Total/NA	Analysis	300.0		20	30880	KB	EET ALB	07/25/25 13:49

Client Sample ID: S9

Lab Sample ID: 885-29579-10

Date Collected: 07/24/25 13:41

Matrix: Solid

Date Received: 07/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			30899	KLS	EET ALB	07/25/25 10:25
Total/NA	Analysis	8015M/D		1	30905	JP	EET ALB	07/25/25 13:54
Total/NA	Prep	5035			30899	KLS	EET ALB	07/25/25 10:25
Total/NA	Analysis	8021B		1	30906	JP	EET ALB	07/25/25 13:54
Total/NA	Prep	SHAKE			30890	BZR	EET ALB	07/25/25 09:22
Total/NA	Analysis	8015M/D		1	30888	EM	EET ALB	07/25/25 12:42

Lab Chronicle

Client: Ensolum

Project/Site: Lateral K-17 (7-11-25) RLS

Job ID: 885-29579-1

Client Sample ID: S9

Lab Sample ID: 885-29579-10

Date Collected: 07/24/25 13:41

Matrix: Solid

Date Received: 07/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			30901	RC	EET ALB	07/25/25 10:32
Total/NA	Analysis	300.0		20	30880	KB	EET ALB	07/25/25 14:03

Client Sample ID: S10

Lab Sample ID: 885-29579-11

Date Collected: 07/24/25 13:45

Matrix: Solid

Date Received: 07/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			30899	KLS	EET ALB	07/25/25 10:25
Total/NA	Analysis	8015M/D		1	30905	JP	EET ALB	07/25/25 14:17
Total/NA	Prep	5035			30899	KLS	EET ALB	07/25/25 10:25
Total/NA	Analysis	8021B		1	30906	JP	EET ALB	07/25/25 14:17
Total/NA	Prep	SHAKE			30890	BZR	EET ALB	07/25/25 09:22
Total/NA	Analysis	8015M/D		1	30888	EM	EET ALB	07/25/25 12:53
Total/NA	Prep	300_Prep			30901	RC	EET ALB	07/25/25 10:32
Total/NA	Analysis	300.0		20	30880	KB	EET ALB	07/25/25 14:17

Client Sample ID: S11

Lab Sample ID: 885-29579-12

Date Collected: 07/24/25 13:28

Matrix: Solid

Date Received: 07/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			30899	KLS	EET ALB	07/25/25 10:25
Total/NA	Analysis	8015M/D		1	30905	JP	EET ALB	07/25/25 14:41
Total/NA	Prep	5035			30899	KLS	EET ALB	07/25/25 10:25
Total/NA	Analysis	8021B		1	30906	JP	EET ALB	07/25/25 14:41
Total/NA	Prep	SHAKE			30890	BZR	EET ALB	07/25/25 09:22
Total/NA	Analysis	8015M/D		1	30888	EM	EET ALB	07/25/25 13:04
Total/NA	Prep	300_Prep			30901	RC	EET ALB	07/25/25 10:32
Total/NA	Analysis	300.0		20	30880	KB	EET ALB	07/25/25 14:30

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum
Project/Site: Lateral K-17 (7-11-25) RLS

Job ID: 885-29579-1

Laboratory: Eurofins Albuquerque

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

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

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

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 885-29579-1

Login Number: 29579

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	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 514878

QUESTIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 514878
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2520326032
Incident Name	NAPP2520326032 LATERAL K-17 @ J-22-27N-08W
Incident Type	Natural Gas Release
Incident Status	Reclamation Report Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Lateral K-17
Date Release Discovered	07/22/2025
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
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	
<i>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.</i>	
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: 39 MCF Recovered: 0 MCF Lost: 39 MCF.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 514878

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 514878
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	Yes, according to supplied volumes this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<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	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	None

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 10/14/2025
--	---

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 514878

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 514878
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 100 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 100 and 200 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	None
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<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

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	0.1
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	11
GRO+DRO (EPA SW-846 Method 8015M)	11
BTEX (EPA SW-846 Method 8021B or 8260B)	0.1
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	07/22/2025
On what date will (or did) the final sampling or liner inspection occur	07/24/2025
On what date will (or was) the remediation complete(d)	07/24/2025
What is the estimated surface area (in square feet) that will be reclaimed	370
What is the estimated volume (in cubic yards) that will be reclaimed	504
What is the estimated surface area (in square feet) that will be remediated	370
What is the estimated volume (in cubic yards) that will be remediated	504

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 4

Action 514878

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 514878
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
<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>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112334691 ENVIROTECH LANDFARM #1
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<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: 10/14/2025
<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>	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 514878

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 514878
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 6

Action 514878

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 514878
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	487239
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/24/2025
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	370
What was the total volume (cubic yards) remediated	504
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	370
What was the total volume (in cubic yards) reclaimed	504
Summarize any additional remediation activities not included by answers (above)	None
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 10/14/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 7

Action 514878

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 514878
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<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	370
What was the total volume of replacement material (in cubic yards) for this site	504
<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)	07/30/2025
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: 10/14/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 8

Action 514878

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 514878
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<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>	

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 514878

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 514878
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
nvez	Remediation closure and reclamation report approved. Release resolved. Pending re-vegetation report.	12/9/2025