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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	NAPP2320228954
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: **Enterprise Field Services, LLC**	OGRID: **241602**
Contact Name: **Thomas Long**	Contact Telephone: **505-599-2286**
Contact email:**tjlong@eprod.com**	Incident # *(assigned by OCD)* **nAPP2320228954**
Contact mailing address: **614 Reilly Ave, Farmington, NM 87401**	

Location of Release Source

Latitude **36.99671** Longitude **-108.049583** *(NAD 83 in decimal degrees to 5 decimal places)*

Site Name **JE Decker #2**	Site Type **Natural Gas Gathering Pipeline**
Date Release Discovered: **07/20/2023**	Serial Number *(if applicable)*: **N/A**

Unit Letter	Section	Township	Range	County
K	**12**	**32N**	**12W**	**San Juan**

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☒ Condensate	Volume Released (bbls): **Estimated 5-10 BBLs**	Volume Recovered (bbls): **None**
☒ Natural Gas	Volume Released (Mcf): **0.486 MCF**	Volume Recovered (Mcf): **None**
☐ Other (describe)	Volume/Weight Released (provide units):	Volume/Weight Recovered (provide units)

Cause of Release On July 10, 2023, Enterprise had a release of natural gas and natural gas liquids from the J.E Decker #2 pipeline. The pipeline was isolated, depressurized, locked and tagged out. No fire nor injuries occurred. No liquids were observed on the ground surface. Repairs and remediation began on July 20, 2023, at which time Enterprise determined the release reportable per NMOCC regulation due the volume of impacted subsurface soil. Repairs and remediation were completed on July 28, 2023. The final excavation dimensions measured approximately 22.5 feet long by 13 feet wide by 15 feet deep. A total of 226 cubic yards of hydrocarbon impacted soil was excavated and transported to a New Mexico Oil Conservation Division (NMOCD) approved land farm. A third party closure report is included with this "Final" C-141.

Incident ID	NAPP2320228954
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

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

☒ Description of remediation activities

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

Printed Name: Thomas Long Title: Senior Environmental Scientist

Signature: Thomas Long Date: 09-08-2023

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

OCD Only

Received by: Shelly Wells Date: 9/8/2023

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

Closure Approved by: Nelson Velez Date: 12/19/2023

Printed Name: Nelson Velez Title: Environmental Specialist - Adv

ENSOLUM

CLOSURE REPORT

Property:

J.E. Decker #2 (07/20/23)
Unit Letter K, S12 T32N R12W
San Juan County, New Mexico

New Mexico EMNRD OCD Incident ID No. NAPP2320228954

August 28, 2023

Ensolum Project No. 05A1226252

Prepared for:

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

Prepared by:

Landon Daniell
Staff Geologist

Kyle Summers
Senior Managing Geologist

TABLE OF CONTENTS

LIST OF APPENDICES

1.0 INTRODUCTION

1.1 Site Description & Background

Operator:	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)
Site Name:	J.E. Decker #2 (07/20/23) (Site)
NM EMNRD OCD Incident ID No.	NAPP2320228954
Location:	36.99671° North, 108.049583° West Unit Letter K, Section 12, Township 32 North, Range 12 West San Juan County, New Mexico
Property:	Private
Regulatory:	New Mexico (NM) Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

On July 10, 2023, a release of natural gas from the J.E. Decker #2 pipeline was identified by a third party. Enterprise verified a release and subsequently isolated and locked the pipeline out of service. On July 20, 2023, Enterprise initiated activities to repair the pipeline and remediate petroleum hydrocarbon impact. In addition, Enterprise determined the release was "reportable" due to the potential volume of impacted soil. 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. 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, during the evaluation and remediation of the Site. The appropriate closure criteria for sites are determined using the siting requirements outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC. Ensolum utilized the general site characteristics and information available from NM state agency databases and federal agency geospatial databases to determine the appropriate closure criteria for the Site. Supporting figures and documentation associated with the following Siting bullets are provided in **Appendix B**.

- The NM Office of the State Engineer (OSE) tracks the usage and assignment of water rights and water well installations and records this information in the Water Rights Reporting System (WRRS) database. Water wells and other points of diversion (PODs) are each assigned POD numbers in the database (which is searchable and includes an interactive map). No PODs were identified in the same Public Land Survey System (PLSS) section nor in adjacent PLSS sections (**Figure A**, **Appendix B**).

- One cathodic protection well (CPW) was identified in the NM EMNRD OCD imaging database in an adjacent PLSS section. This CPW is depicted on **Figure B** (**Appendix B**). Documentation for the cathodic protection well located near the Chamberlin #001 production

pad indicates a depth to water at 80 feet bgs. This cathodic protection well is located approximately 0.74 miles southwest of the Site and is approximately 15 feet lower in elevation than the Site.

- The Site is located within 300 feet of a NM EMNRD OCD-defined continuously flowing watercourse or significant watercourse (**Figure C**, **Appendix B**). A stock pond is located within 300 feet of the Site, and the NM EMNRD OCD has previously indicated that was equivalent to a significant watercourse.

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

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

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

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

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

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

- Based on information identified in the NM Mining and Minerals Division's Geographic Information System (GIS) Maps and Mine Data database, the Site is not within an area overlying a subsurface mine (**Figure G**, **Appendix B**).

- The Site is not located within an unstable area per Paragraph (6) of Subsection U of 19.15.2.7 NMAC.

- Based on information provided by the Federal Emergency Management Agency (FEMA) National Flood Hazard Layer (NFHL) geospatial database, the Site is not within a 100-year floodplain (**Figure H**, **Appendix B**).

Based on available information Enterprise estimates the depth to water at the Site to be less than 50 feet bgs, resulting in a Tier I ranking. The closure criteria for Tier I 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 20, 2023, Enterprise initiated activities to repair the pipeline and remediate petroleum hydrocarbon impact resulting from the release. During the remediation and corrective action activities, OFT Construction, Inc (OFT), provided heavy equipment and labor support, while Ensolum provided environmental consulting support.

The final excavation measured approximately 22.5 feet long and 13 feet wide at the maximum extents. The maximum depth of the excavation measured approximately 15 feet bgs. The lithology encountered during the completion of remediation activities consisted primarily of sandy silt.

Approximately 262 cubic yards (yd^3) of petroleum hydrocarbon-affected soils were transported to the Envirotech, Inc., (Envirotech) landfarm near Hilltop, 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 topography.

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

4.0 SOIL SAMPLING PROGRAM

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

Ensolum's soil sampling program included the collection of 10 composite soil samples (S-1 through S-10) from the excavation for laboratory analysis. The composite samples were comprised of five aliquots each and represent an estimated 200 square foot (ft^2) or less sample area per guidelines outlined in Section D of 19.15.29.12 NMAC. The excavator bucket was utilized to obtain fresh aliquots from each area of the excavation. Regulatory correspondence is provided in **Appendix E**.

First Sampling Event

On July 26, 2023, sampling was performed at the Site. The NM EMNRD OCD was notified of the sampling event although no representative was present during sampling activities. Composite soil samples S-1 (14' to 15') and S-4 (12') were collected from the floor of the excavation. Composite soil samples S-2 (0' to 15'), S-3 (0' to 15'), S-5 (0' to 12'), S-6 (0' to 12'), S-7 (0' to 12'), and S-8 (0' to 14') were collected from the walls of the excavation. Subsequent soil analytical results identified chloride and TPH concentrations that exceeded the NM EMNRD OCD closure criteria, respectively, for composite soil samples S-4 and S-7.

Second Sampling Event

In response to the exceedances of composite samples S-4 and S-7 during the first sampling event, the impacted soils were removed by excavation and transported to the landfarm for disposal/remediation. On July 28, 2023, a second sampling event was performed at the Site. The NM EMNRD OCD was notified of the sampling event although no representative was present during sampling activities. Composite soil sample S-9 (13') was collected from the floor of the excavation to replace Sample S-4, and composite soil sample S-10 (0' to 13') was collected from a wall of the excavation to replace sample S-7.

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 Hall Environmental Analysis Laboratory 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-3, S-5, S-6, and S-8 through S-10) to the applicable NM EMNRD OCD closure criteria. The soils associated with composite soil samples S-4 and S-7 were removed from the Site, and therefore, are not included in the following discussion. The laboratory analytical results are summarized in **Table 1** (**Appendix F**).

- The laboratory analytical results for all composite soil samples associated with soil remaining at the Site indicate total benzene is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 10 mg/kg.

- The laboratory analytical results for composite soil samples S-1, S-3, S-5, and S-8 indicate total BTEX concentrations of 0.20 mg/kg, 0.19 mg/kg, 0.21 mg/kg, and 0.22 mg/kg, respectively, which are less than the NM EMNRD OCD closure criteria of 50 mg/kg. The laboratory analytical results for all other composite soil samples associated with soil remaining at the Site indicate total BTEX is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 50 mg/kg.

- The laboratory analytical results for composite soil sample S-3 indicate a total combined TPH GRO/DRO/MRO concentration of 11 mg/kg, which is less than the NM EMNRD OCD closure criteria of 100 mg/kg. The laboratory analytical results for all other composite soil samples associated with soil remaining at the Site indicate total combined TPH GRO/DRO/MRO is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 100 mg/kg.

- The laboratory analytical results for composite soil samples S-1, S-2, S-3, S-6, S-8, S-9, and S-10 indicate chloride concentrations ranging from 94 mg/kg (S-6) to 580 mg/kg (S-10), which are less than the NM EMNRD OCD closure criteria of 600 mg/kg. The laboratory analytical result for composite soil sample S-5 indicates chloride is not present at a concentration greater than the laboratory PQLs/RLs, which is less than the NM EMNRD OCD closure criteria of 600 mg/kg.

7.0 RECLAMATION AND REVEGETATION

The excavation was backfilled with imported fill and then contoured to the surrounding topography.

8.0 FINDINGS AND RECOMMENDATION

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

- Approximately 262 yd^3 of petroleum hydrocarbon-affected soils were transported to the Envirotech landfarm for disposal/remediation. The excavation was backfilled with imported fill and then contoured to the surrounding topography.

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

9.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

9.1 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).

9.2 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.

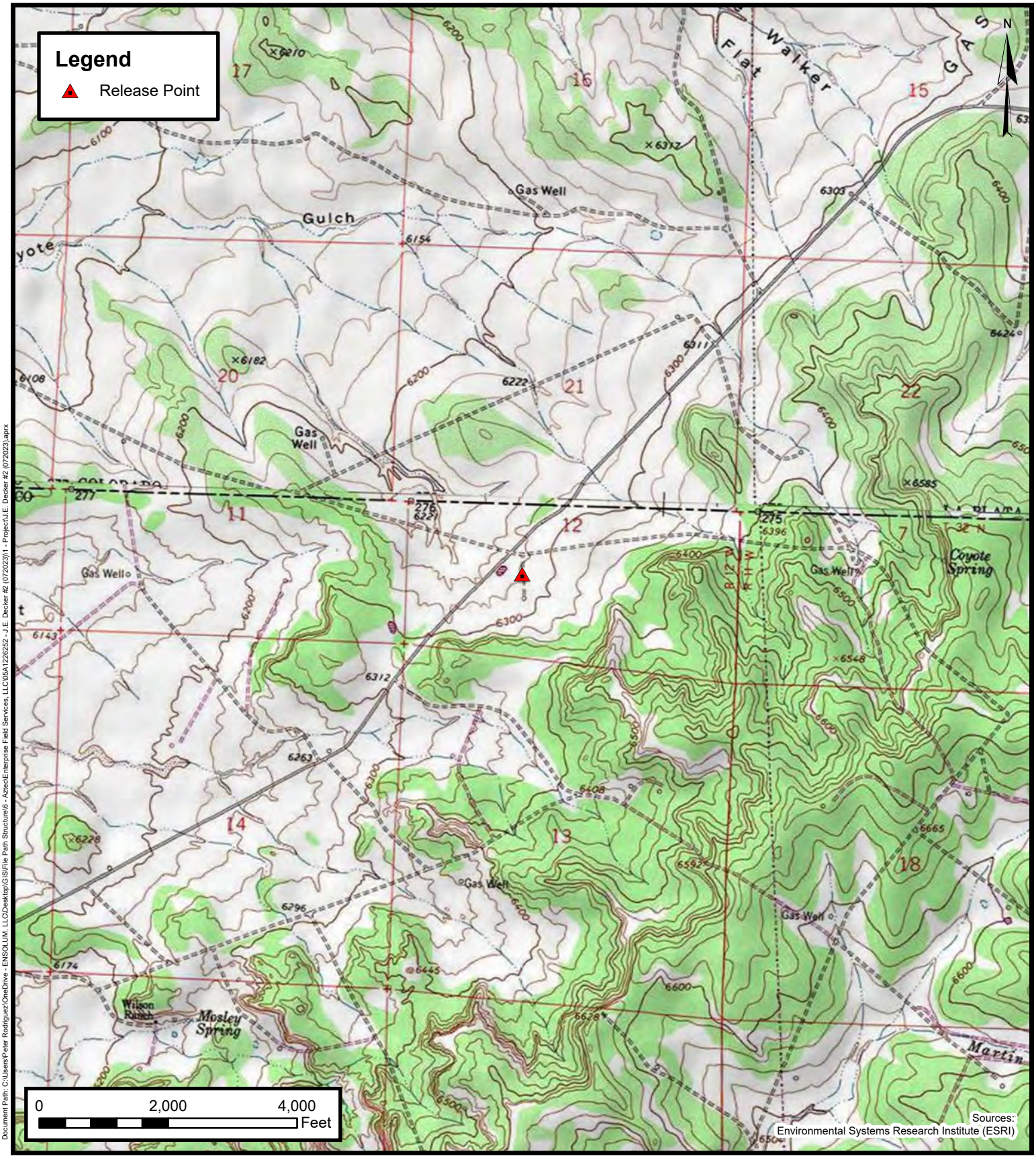
9.3 Reliance

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

ENSOLUM

APPENDIX A

Figures

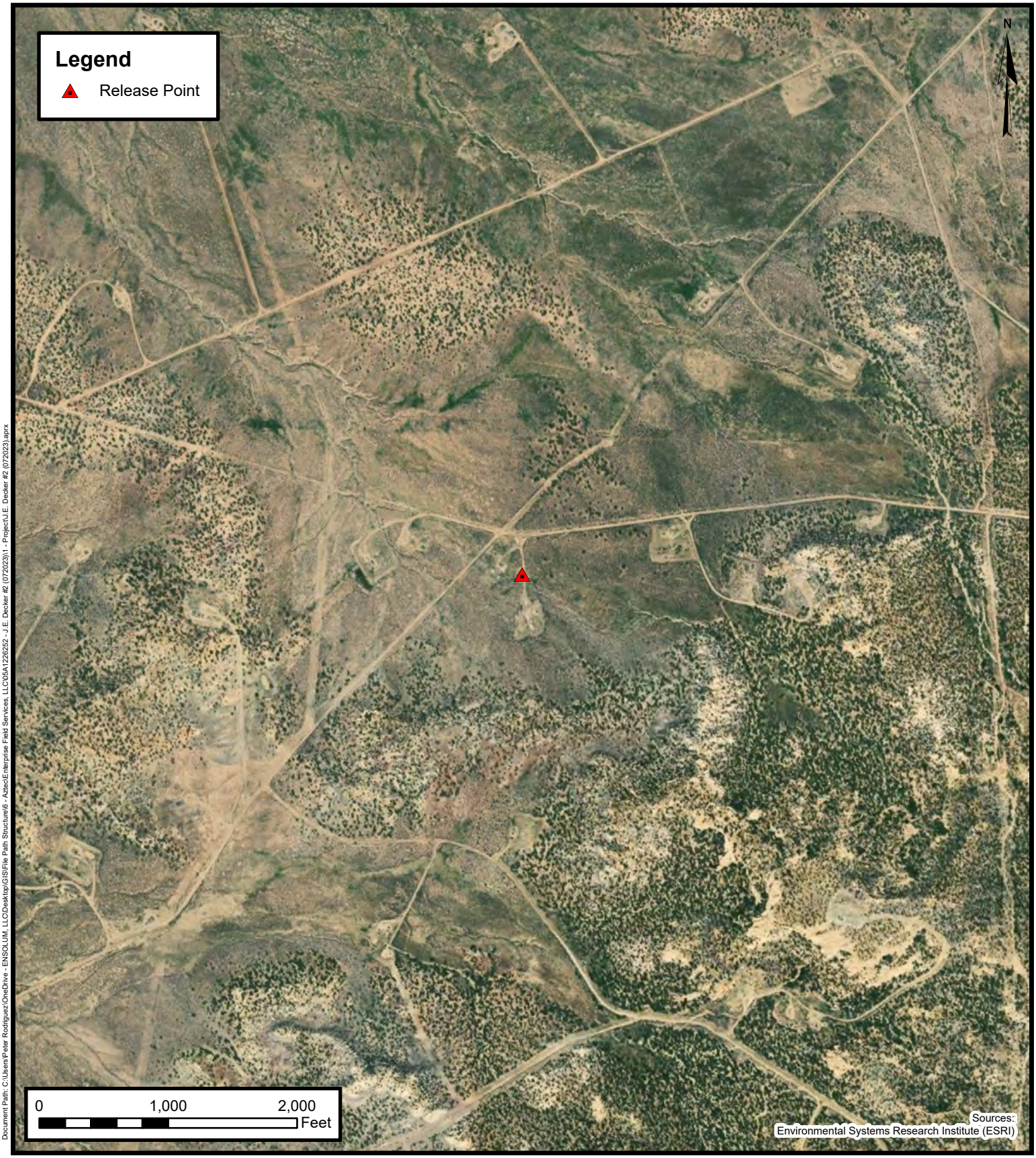


ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Topographic Map

Enterprise Field Services, LLC
J.E. Decker #2 (07/20/23)
Project Number: 05A1226252
Unit Letter K, S12 T32N R12W, San Juan County, New Mexico
36.99671, -108.049583

FIGURE
1



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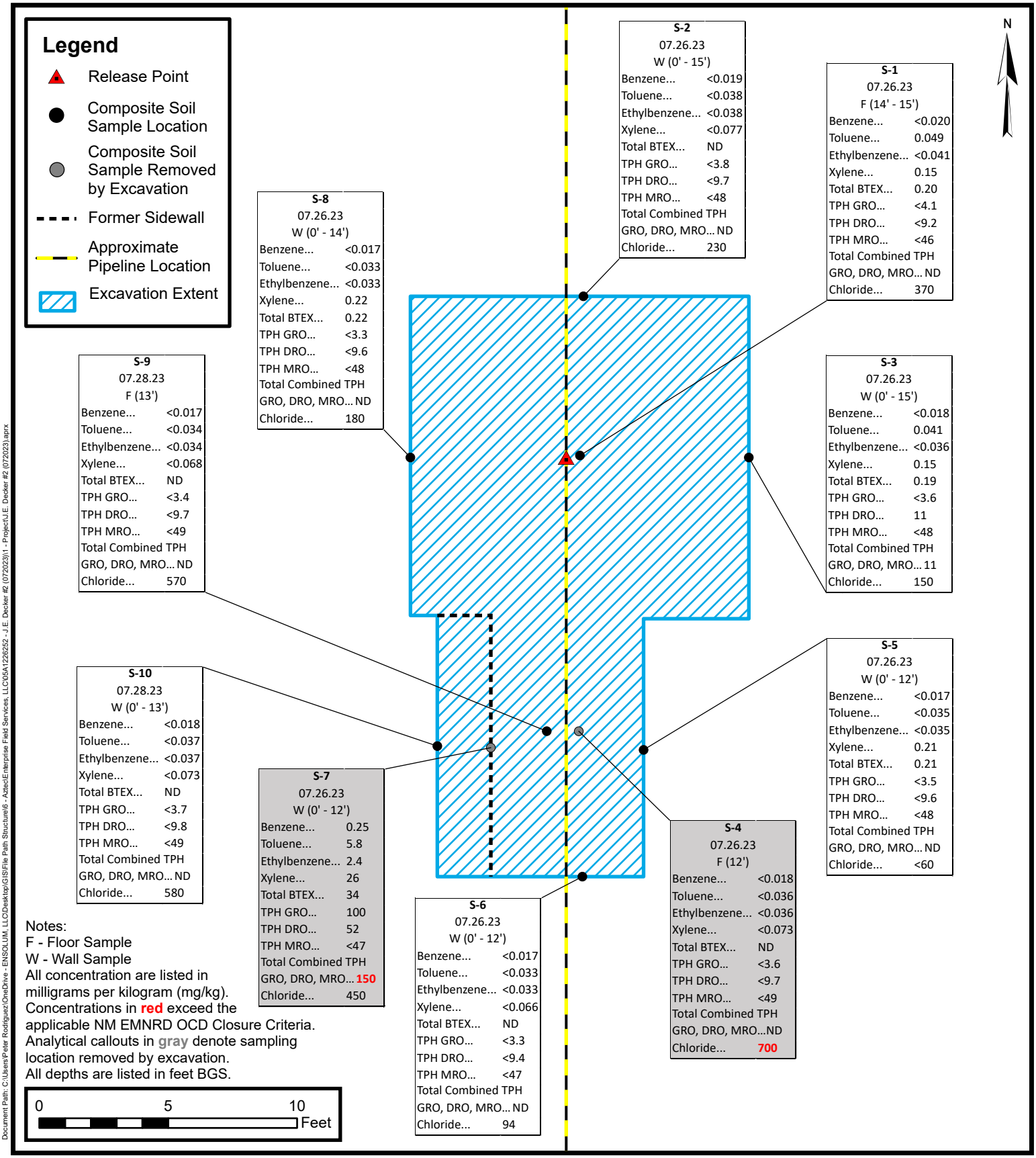
Environmental, Engineering and Hydrogeologic Consultants

Site Vicinity Map

Enterprise Field Services, LLC
J.E. Decker #2 (07/20/23)
Project Number: 05A1226252
Unit Letter K, S12 T32N R12W, San Juan County, New Mexico
36.99671, -108.049583

FIGURE
2



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Site Map with Soil Analytical Results

Enterprise Field Services, LLC
J.E. Decker #2 (07/20/23)
Project Number: 05A1226252
Unit Letter K, S12 T32N R12W, San Juan County, New Mexico
36.99671, -108.049583

FIGURE
3

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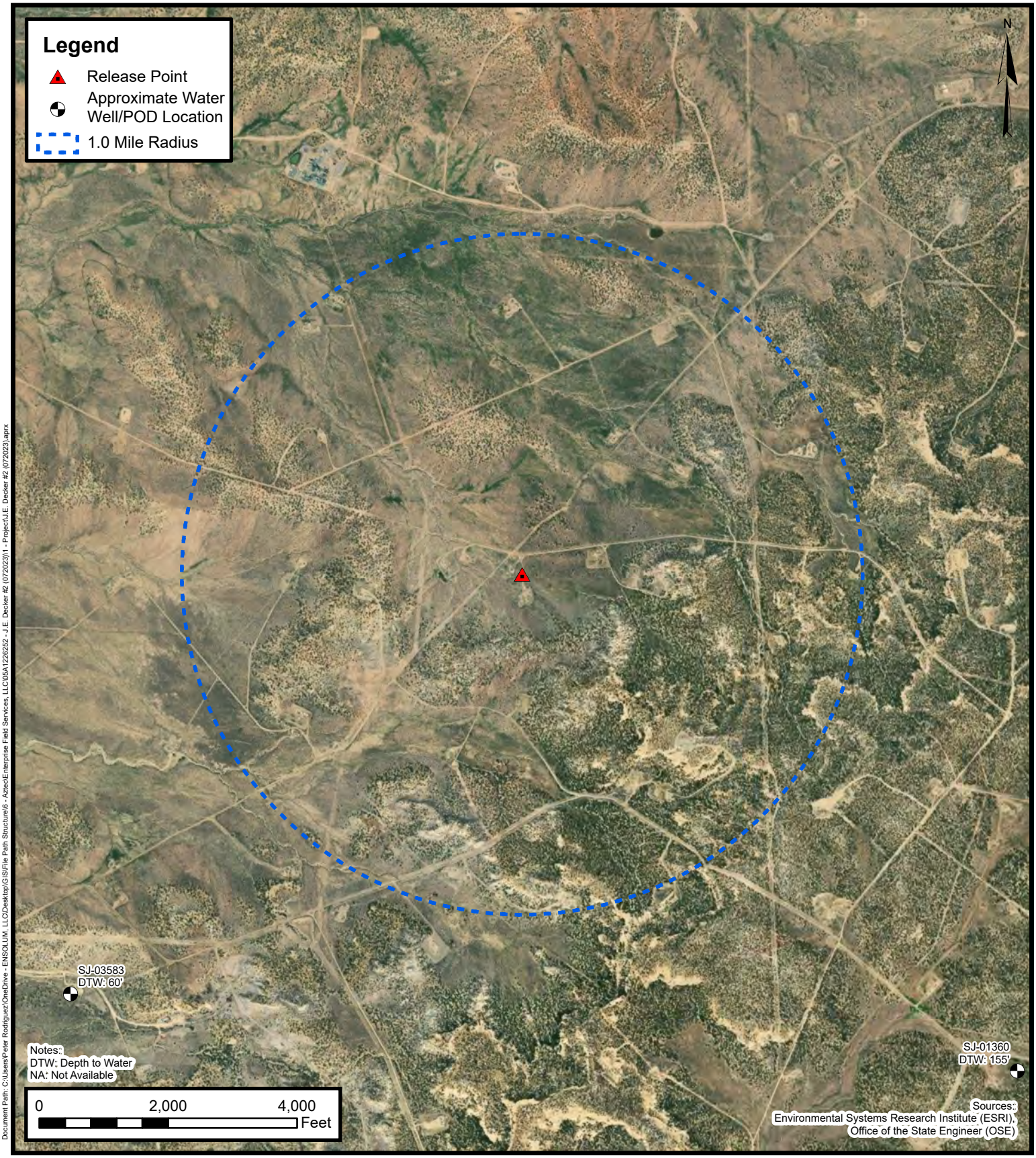
APPENDIX B

Siting Figures and Documentation



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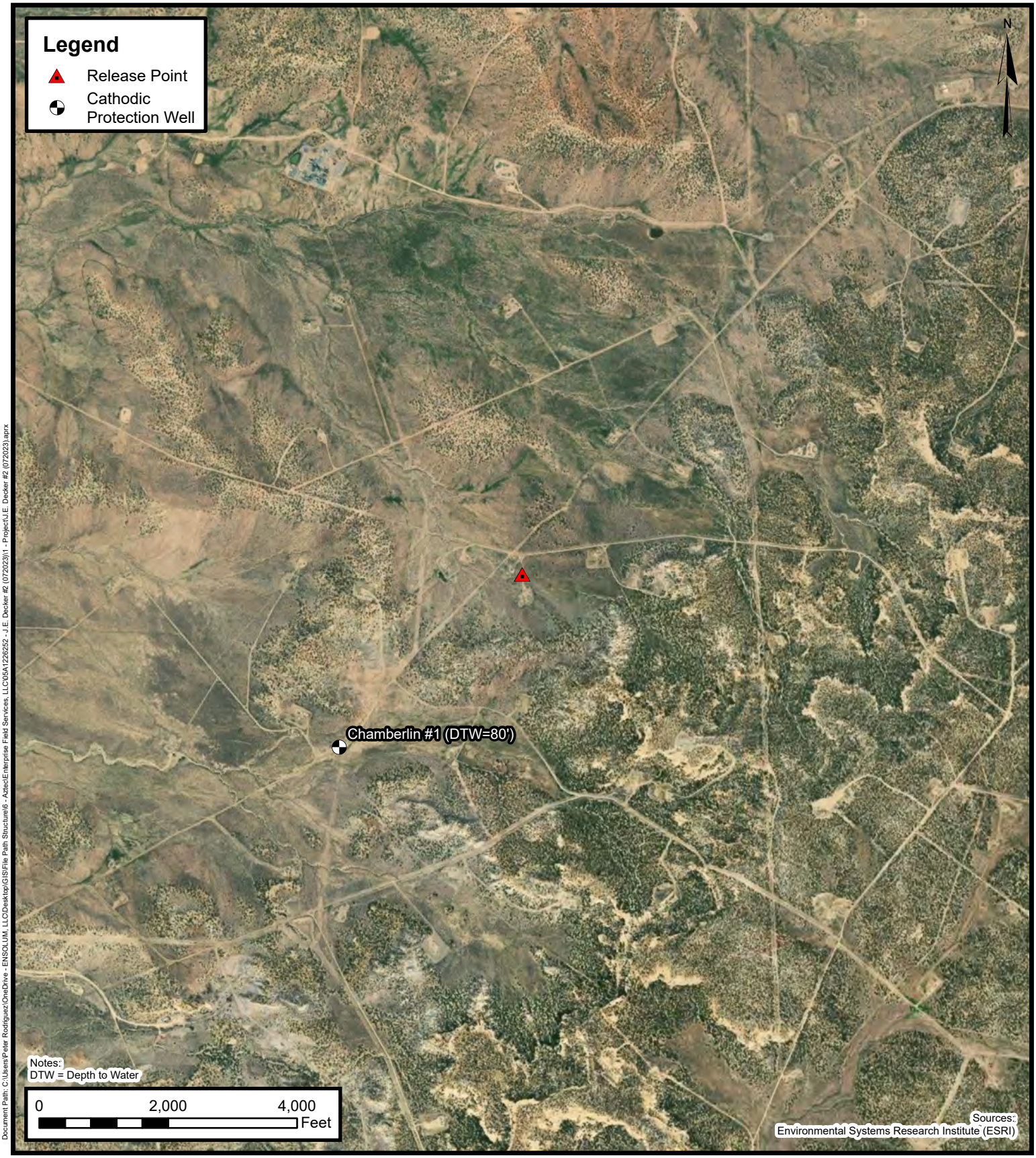
1.0 Mile Radius Water Well/ Pod Location Map

Enterprise Field Services, LLC
J.E. Decker #2 (07/20/23)
Project Number: 05A1226252
Unit Letter K, S12 T32N R12W, San Juan County, New Mexico
36.99671, -108.049583

FIGURE

A



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Cathodic Protection Well Recorded Depth to Water

Enterprise Field Services, LLC
J.E. Decker #2 (07/20/23)
Project Number: 05A1226252
Unit Letter K, S12 T32N R12W, San Juan County, New Mexico
36.99671, -108.049583

FIGURE
B

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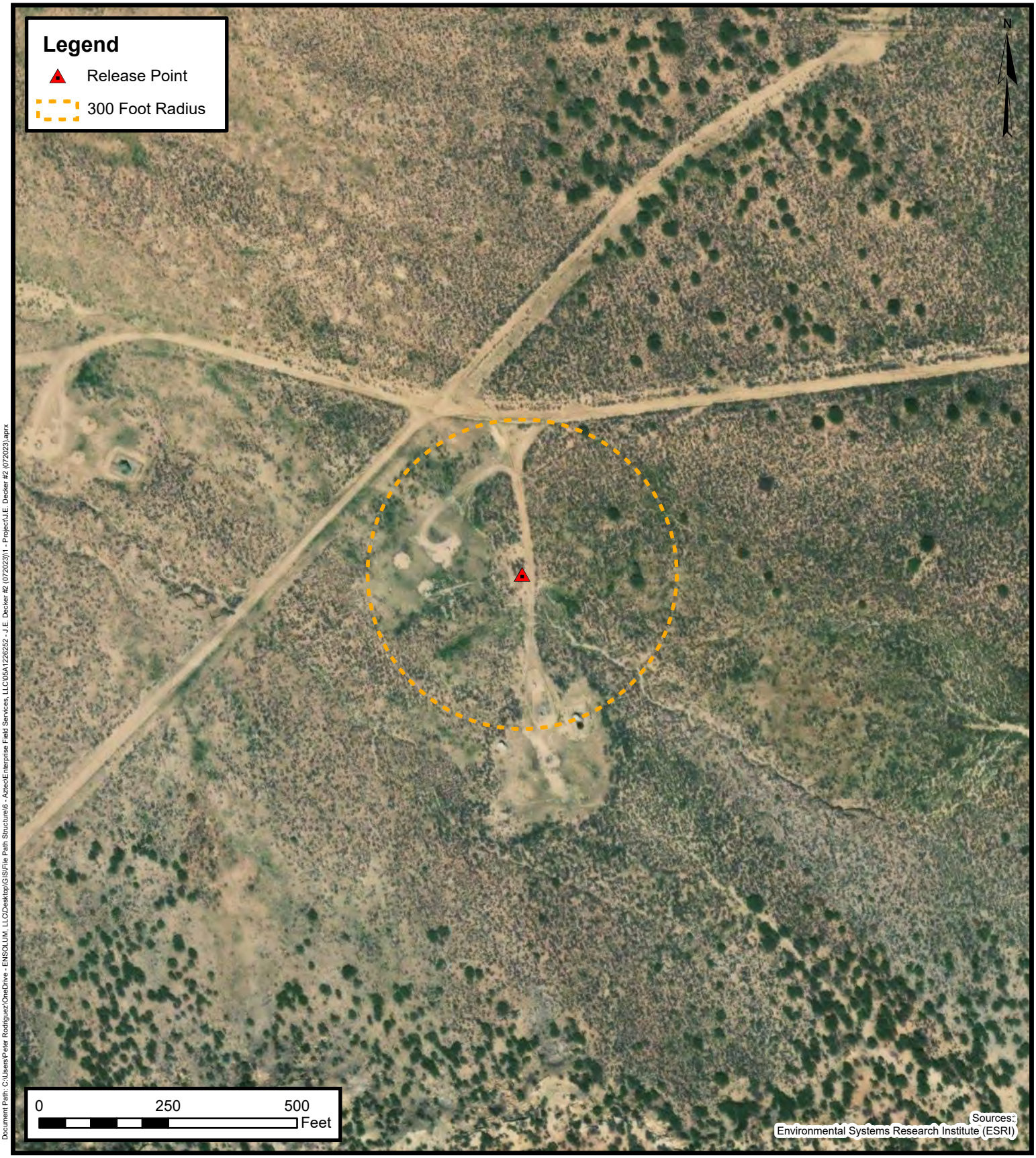
300 Foot Radius Watercourse and Drainage Identification

Enterprise Field Services, LLC
J.E. Decker #2 (07/20/23)
Project Number: 05A1226252
Unit Letter K, S12 T32N R12W, San Juan County, New Mexico
36.99671, -108.049583

FIGURE

C



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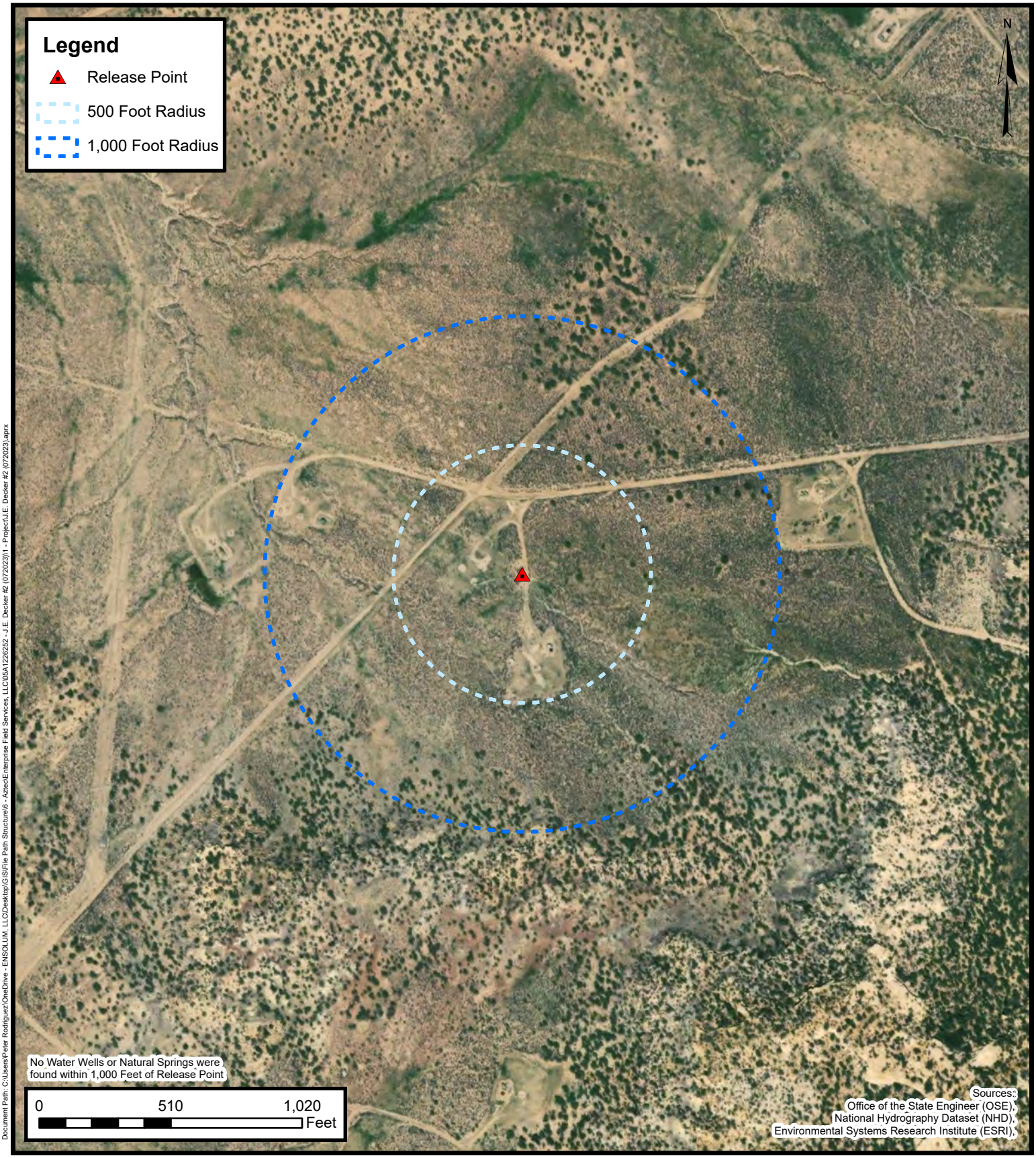
Environmental, Engineering and Hydrogeologic Consultants

300 Foot Radius Occupied Structure Identification

Enterprise Field Services, LLC
J.E. Decker #2 (07/20/23)
Project Number: 05A1226252
Unit Letter K, S12 T32N R12W, San Juan County, New Mexico
36.99671, -108.049583

FIGURE

D



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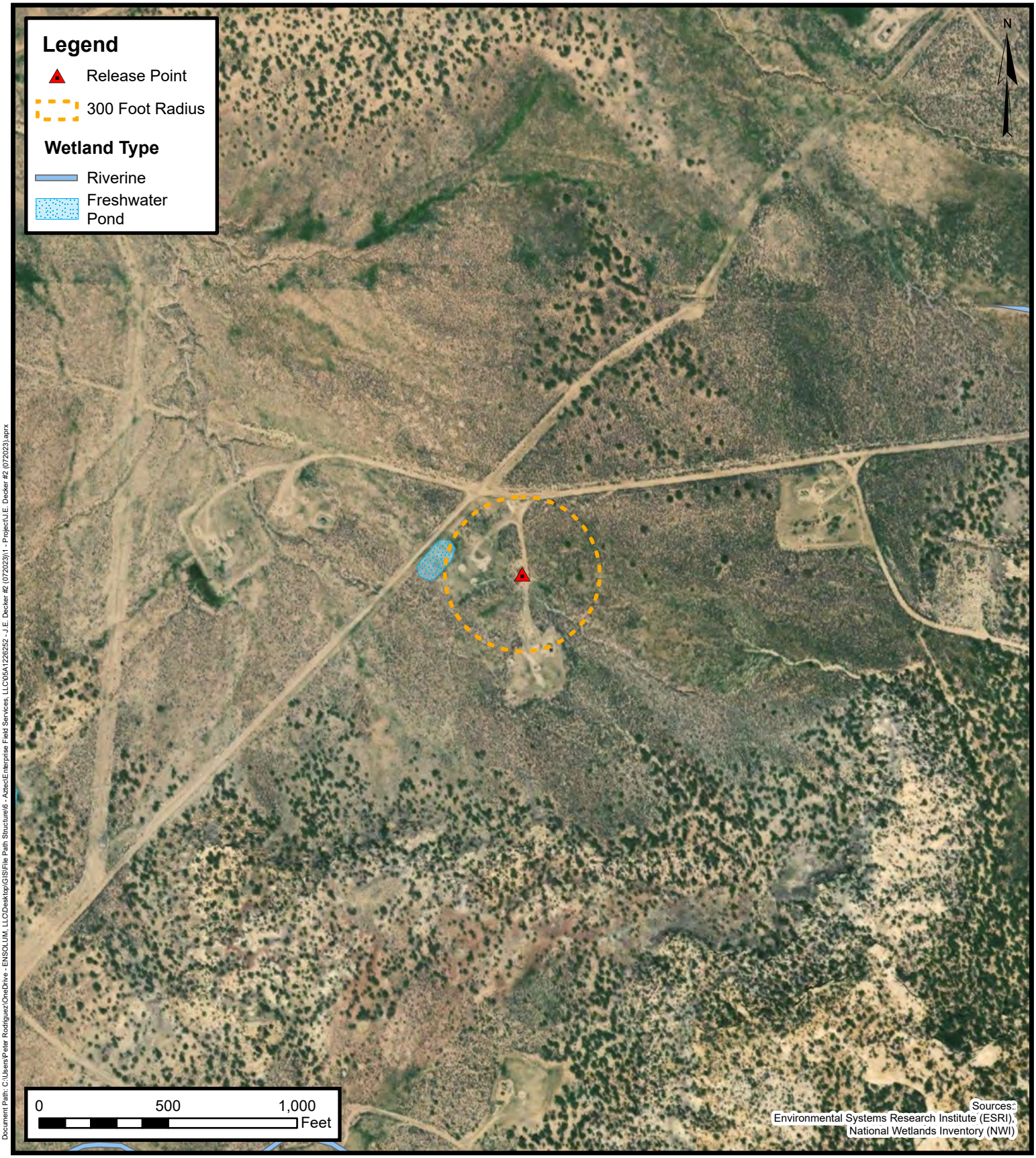
ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Water Well and Natural Spring Location
Enterprise Field Services, LLC
J.E. Decker #2 (07/20/23)
Project Number: 05A1226252
Unit Letter K, S12 T32N R12W, San Juan County, New Mexico
36.99671, -108.049583

FIGURE
E

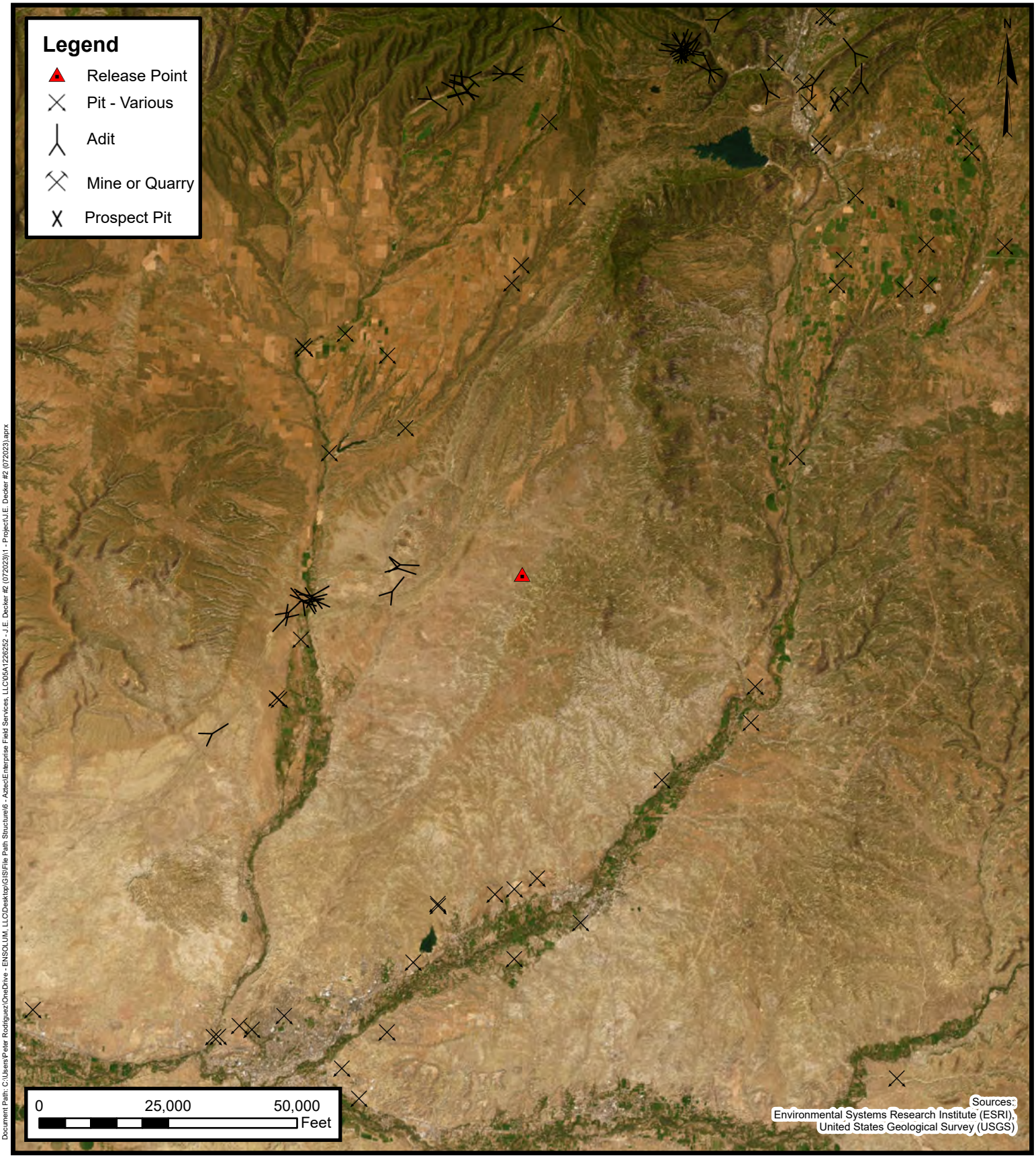


ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Wetlands

Enterprise Field Services, LLC
J.E. Decker #2 (07/20/23)
Project Number: 05A1226252
Unit Letter K, S12 T32N R12W, San Juan County, New Mexico
36.99671, -108.049583

FIGURE
F



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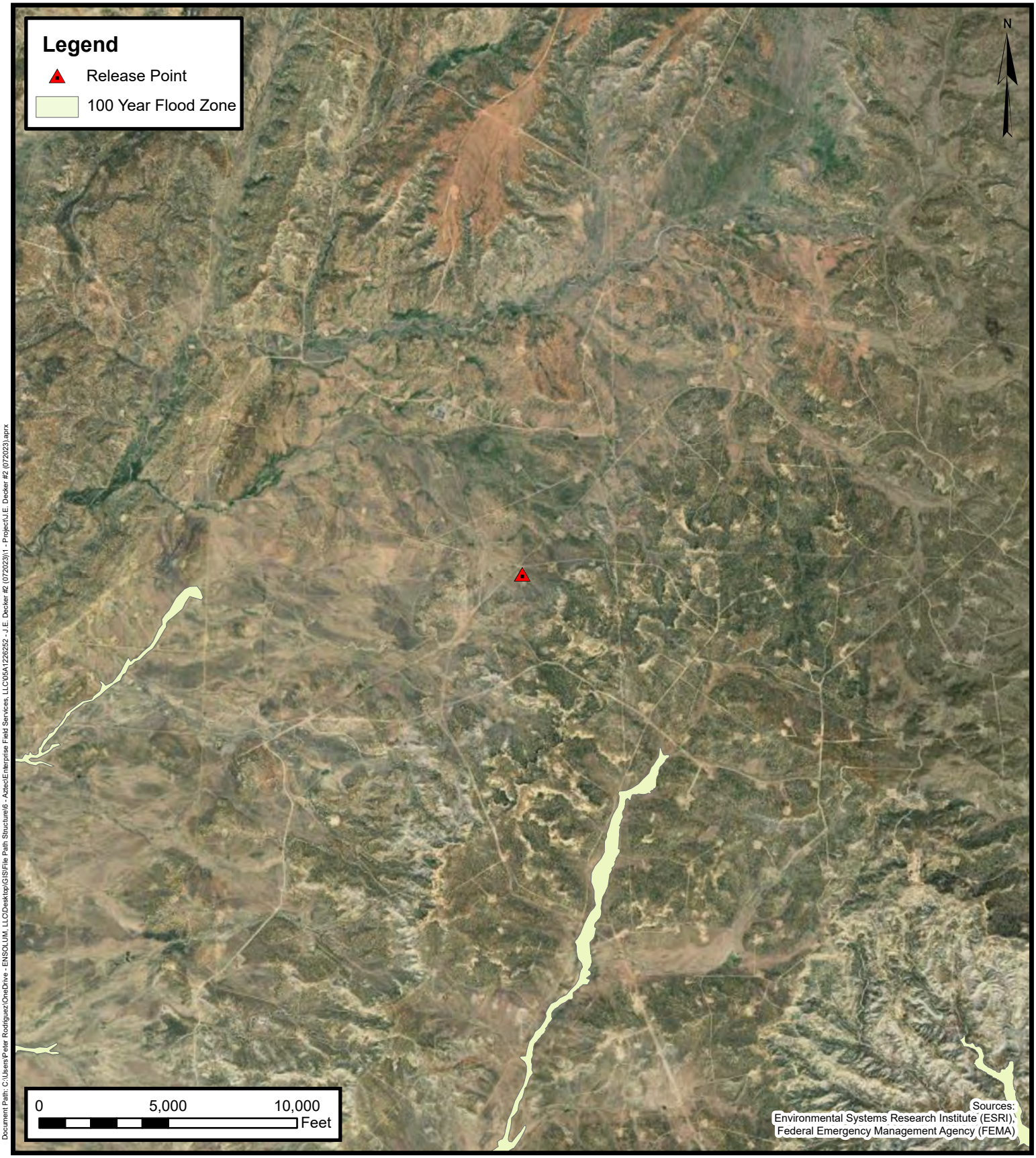
ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Mines, Mills, and Quarries

Enterprise Field Services, LLC
J.E. Decker #2 (07/20/23)
Project Number: 05A1226252
Unit Letter K, S12 T32N R12W, San Juan County, New Mexico
36.99671, -108.049583

FIGURE

G



ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

100-Year Flood Plain Map

Enterprise Field Services, LLC
J.E. Decker #2 (07/20/23)
Project Number: 05A1226252
Unit Letter K, S12 T32N R12W, San Juan County, New Mexico
36.99671, -108.049583

FIGURE
H

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

No records found.

PLSS Search:

Section(s): 11, 12, 13, 14 **Township:** 32N **Range:** 12W

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

No records found.

PLSS Search:

Section(s): 7, 18 **Township:** 32N **Range:** 11W

DATE: 6/3/96 #1 = 30-045-12028

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

Operator Meridian Oil Inc. Location: Unit H Sec. 14 Twp 32 Rng 12

Name of Well/Wells or Pipeline Serviced
Chamberlain #1

Elevation 6277' Completion Date 6/3/96 Total Depth 357' Land Type P

Casing Strings, Sizes, Types & Depths 5/31 Set 60' of 8" PVC Casing. No Gas or Water, But 2' (28'-30') of Boulders. Were Encountered During Casing.

If Casing Strings are cemented, show amounts & types used Cemented With 15 Sacks.

If Cement or Bentonite Plugs have been placed, show depths & amounts used None

Depths & thickness of water zones with description of water: Fresh, Clear, Salty, Sulphur, Etc. @ Hit Fresh Water at 80'.

Depths gas encountered: None

Ground bed depth with type & amount of coke breeze used: 357' Depth Used 66 Sacks of Asbury 218R (3300#)

Depths anodes placed: 340', 325', 315', 305', 295', 285', 270', 260', 250', 240', 230', 220', 205', 195', +185'

Depths vent pipes placed: Surface To 357.

Vent pipe perforations: Bottom 200'

Remarks:

RECEIVED
FEB 19 1997
OIL CON. DIV.
DIST. 3

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

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

CPS GROUND BED CONSTRUCTION WORKSHEET

CPS# 2925-W | P/L NAME(S), NUMBER(S): Chamberlain #1

NO. 2L13 | TOTAL | VOLTS 71.33 | AMPS 29.7 | OHMS .381 | DATE 6/3/96 | NAME: John L. Moss

REMARKS (notes for construction log): Driller Reported Water at 80'. Installed 357' of 1" PE Vent Pipe, with the bottom 200' Perforated. Coke Breeze to 165'.

DEPTH	LOG ANODE	ANODE #
100		
105		
110		
115		
120		
125		
130	3.0	
135	2.8	
140	2.3	
145	2.8	
150	2.9	
155	2.4	
160	2.5	
165	2.4	
170	2.6	
175	2.7	
180	3.0	
185	2.8	15
190	2.5	
195	2.4	14
200	2.8	
205	2.4	13
210	2.0	
215	2.8	
220	2.8	12
225	2.5	
230	2.5	11
235	2.6	
240	2.3	10
245	2.3	
250	2.6	9
255	2.7	
260	2.9	8
265	2.6	
270	2.3	7
275	2.1	
280	2.6	
285	2.7	6
290	3.1	
295	3.0	- 5
300	2.3	
305	2.2	4
310	2.5	
315	2.4	3
320	2.6	
325	2.6	2
330	2.0	
335	2.3	
340	2.5	1
345	2.4	
350	2.4	
355	T.D	357'
360		
365		
370		
375		
380		
385		
390		
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675		
680		
685		
690		
695		
700		

ANODE #	DEPTH	NO. COKE	FULLY COKED
1	340'	2.4	5.5
2	325'	2.6	5.4
3	315'	2.5	5.3
4	305'	2.2	4.8
5	295'	3.1	5.9
6	285'	2.4	5.2
7	270'	2.4	4.9
8	260'	2.8	5.6
9	250'	2.5	5.4
10	240'	2.3	4.9
11	230'	2.5	5.1
12	220'	2.7	5.4
13	205'	2.6	5.4
14	195'	2.4	5.0
15	185'	2.6	5.5
16			
17			
18			
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30			

DISTRIBUTION - ORIGINAL - PERMANENT CPS FILE

Division Corrosion Supervisor

ENSOLUM

APPENDIX C

Executed C-138 Solid Waste Acceptance Form

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

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

Form C-138
Revised 08/01/11

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

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Generator Name and Address:
Enterprise Field Services, LLC, 614 Reilly Ave, Farmington NM 87401

PayKey:AM14058
PM: ME Eddleman
AFE: N66882

2. Originating Site:
J.E. Decker #2

3. Location of Material (Street Address, City, State or ULSTR):
UL K Section 12 T32N R12W; 36.99670, -108.049583

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) 262 (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) 7-25-2023, 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: OFT and Subcontractors

OCD Permitted Surface Waste Management Facility

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

Waste Acceptance Status:

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

PRINT NAME: Greg Crabtree TITLE: Enviro Manager DATE: 7/25/23
SIGNATURE: TELEPHONE NO.: 505-632-0615
Surface Waste Management Facility Authorized Agent

ENSOLUM

APPENDIX D

Photographic Documentation

SITE PHOTOGRAPHS

Closure Report
Enterprise Field Services, LLC
J.E. Decker #2 (07/20/23)
Ensolum Project No. 05A1226252

ENSOLUM

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

SITE PHOTOGRAPHS

Closure Report
Enterprise Field Services, LLC
J.E. Decker #2 (07/20/23)
Ensolum Project No. 05A1226252

ENSOLUM

Photograph 4 Photograph Description: View of the site after initial restoration.	
Photograph 5 Photograph Description: View of the site after initial restoration.	

ENSOLUM

APPENDIX E

Regulatory Correspondence

From: Velez, Nelson, EMNRD
To: Long, Thomas
Cc: Stone, Brian; Kyle Summers
Subject: Re: [EXTERNAL] J.E. Decker #2 - UL K Section 12 T32N R12W; 36.99670, -108.049583; NMOCD Incident # nAPP2320228954
Date: Friday, July 28, 2023 7:58:18 AM
Attachments: image002.png
Outlook-ecnwh4wg.png

[Use caution with links/attachments]

Tom,

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

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

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

Regards,

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Long, Thomas <tjlong@eprod.com>
Sent: Thursday, July 27, 2023 4:34 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Stone, Brian <bmstone@eprod.com>; Kyle Summers <ksummers@ensolum.com>
Subject: RE: [EXTERNAL] J.E. Decker #2 - UL K Section 12 T32N R12W; 36.99670, -108.049583; NMOCD Incident # nAPP2320228954

Nelson,

This email is a notification and a variance request. Enterprise is requesting a variance for required 48 hour notification per 19.15.29.12D (1a) NMAC. Enterprise would like to collect soil samples for laboratory analysis tomorrow, July 28, 2023 at 9:00 a.m. at the J.E. Decker #2 excavation. We had two samples that did not pass from the last sampling event. We will excavate more and resample. Please acknowledge acceptance of this variance request. If you have any questions, please call or email.

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

Enterprise Products

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Wednesday, July 26, 2023 10:13 AM
To: Long, Thomas <tjlong@eprod.com>
Cc: Stone, Brian <bmstone@eprod.com>; Kyle Summers <ksummers@ensolum.com>
Subject: Re: [EXTERNAL] J.E. Decker #2 - UL K Section 12 T32N R12W; 36.99670, -108.049583; NMOCD Incident # nAPP2320228954

[Use caution with links/attachments]

Tom,

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

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

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

The OCD requires a copy of all correspondence relative to remedial activities be included in all

proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Regards,

Nelson Velez ● Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Long, Thomas <tjlong@eprod.com>
Sent: Wednesday, July 26, 2023 10:01 AM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Stone, Brian <bmstone@eprod.com>; Kyle Summers <ksummers@ensolum.com>
Subject: [EXTERNAL] J.E. Decker #2 - UL K Section 12 T32N R12W; 36.99670, -108.049583; NMOCD Incident # nAPP2320228954

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

Nelson,

This email is a notification and a variance request. Enterprise is requesting a variance for required 48 hour notification per 19.15.29.12D (1a) NMAC. Enterprise would like to collect soil samples for laboratory analysis today at 2:00 p.m. at the J.E. Decker #2 excavation. Please acknowledge acceptance of this variance request. If you have any questions, please call or email.

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

Enterprise Products

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APPENDIX F

Table 1 – Soil Analytical Summary

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TABLE 1
J.E. Decker #2 (07/20/23)
SOIL ANALYTICAL SUMMARY

Sample I.D.	Date	Sample Type C- Composite G - Grab	Sample Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX[1] (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total Combined TPH (GRO/DRO/MRO)[1] (mg/kg)	Chloride (mg/kg)
New Mexico Energy, Mineral & Natural Resources Department Oil Conservation Division Closure Criteria (Tier I)				**10**	**NE**	**NE**	**NE**	**50**	**NE**	**NE**	**NE**	**100**	**600**
Composite Soil Samples Removed by Excavation and Transported to the Landfarm for Disposal/Remediation													
S-4	07.26.23	C	12	<0.018	<0.036	<0.036	<0.073	ND	<3.6	<9.7	<49	ND	**700**
S-7	07.26.23	C	0 to 12	0.25	5.8	2.4	26	34	100	52	<47	**150**	450
Excavation Composite Soil Samples													
S-1	07.26.23	C	14 to 15	<0.020	0.049	<0.041	0.15	0.20	<4.1	<9.2	<46	ND	370
S-2	07.26.23	C	0 to 15	<0.019	<0.038	<0.038	<0.077	ND	<3.8	<9.7	<48	ND	230
S-3	07.26.23	C	0 to 15	<0.018	0.041	<0.036	0.15	0.19	<3.6	11	<48	11	150
S-5	07.26.23	C	0 to 12	<0.017	<0.035	<0.035	0.21	0.21	<3.5	<9.6	<48	ND	<60
S-6	07.26.23	C	0 to 12	<0.017	<0.033	<0.033	<0.066	ND	<3.3	<9.4	<47	ND	94
S-8	07.26.23	C	0 to 14	<0.017	<0.033	<0.033	0.22	0.22	<3.3	<9.6	<48	ND	180
S-9	07.28.23	C	13	<0.017	<0.034	<0.034	<0.068	ND	<3.4	<9.7	<49	ND	570
S-10	07.28.23	C	0 to 13	<0.018	<0.037	<0.037	<0.073	ND	<3.7	<9.8	<49	ND	580

*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)

NA = Not Analyzed

NE = Not established

mg/kg = milligrams per kilogram

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes

TPH = Total Petroleum Hydrocarbons

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

MRO = Motor Oil/Lube Oil Range Organics

ENSOLUM

APPENDIX G

Laboratory Data Sheets & Chain of Custody Documentation

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

July 31, 2023

Kyle Summers

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

RE: JE Decker 2 OrderNo.: 2307D01

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 8 sample(s) on 7/27/2023 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2307D01**
Date Reported: **7/31/2023**

CLIENT: ENSOLUM
Client Sample ID: S-1
Project: JE Decker 2
Collection Date: 7/26/2023 2:30:00 PM
Lab ID: 2307D01-001
Matrix: MEOH (SOIL)
Received Date: 7/27/2023 6:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	370	60		mg/Kg	20	7/27/2023 11:37:09 AM	76506
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**	
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	7/27/2023 11:02:19 AM	76500
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/27/2023 11:02:19 AM	76500
Surr: DNOP	103	69-147		%Rec	1	7/27/2023 11:02:19 AM	76500
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**	
Gasoline Range Organics (GRO)	ND	4.1		mg/Kg	1	7/27/2023 10:57:00 AM	R98540
Surr: BFB	82.3	15-244		%Rec	1	7/27/2023 10:57:00 AM	R98540
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**	
Benzene	ND	0.020		mg/Kg	1	7/27/2023 10:57:00 AM	R98540
Toluene	0.049	0.041		mg/Kg	1	7/27/2023 10:57:00 AM	R98540
Ethylbenzene	ND	0.041		mg/Kg	1	7/27/2023 10:57:00 AM	R98540
Xylenes, Total	0.15	0.081		mg/Kg	1	7/27/2023 10:57:00 AM	R98540
Surr: 4-Bromofluorobenzene	79.7	39.1-146		%Rec	1	7/27/2023 10:57:00 AM	R98540

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

Qualifiers:

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

Analytical Report
Lab Order **2307D01**
Date Reported: **7/31/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** S-2
Project: JE Decker 2 **Collection Date:** 7/26/2023 2:35:00 PM
Lab ID: 2307D01-002 **Matrix:** MEOH (SOIL) **Received Date:** 7/27/2023 6:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	230	60		mg/Kg	20	7/27/2023 11:49:33 AM	76506
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	7/27/2023 11:20:53 AM	76500
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/27/2023 11:20:53 AM	76500
Surr: DNOP	103	69-147		%Rec	1	7/27/2023 11:20:53 AM	76500
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**	
Gasoline Range Organics (GRO)	ND	3.8		mg/Kg	1	7/27/2023 11:19:00 AM	R98540
Surr: BFB	84.2	15-244		%Rec	1	7/27/2023 11:19:00 AM	R98540
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**	
Benzene	ND	0.019		mg/Kg	1	7/27/2023 11:19:00 AM	R98540
Toluene	ND	0.038		mg/Kg	1	7/27/2023 11:19:00 AM	R98540
Ethylbenzene	ND	0.038		mg/Kg	1	7/27/2023 11:19:00 AM	R98540
Xylenes, Total	ND	0.077		mg/Kg	1	7/27/2023 11:19:00 AM	R98540
Surr: 4-Bromofluorobenzene	79.2	39.1-146		%Rec	1	7/27/2023 11:19:00 AM	R98540

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2307D01**
Date Reported: **7/31/2023**

CLIENT: ENSOLUM
Client Sample ID: S-3
Project: JE Decker 2
Collection Date: 7/26/2023 2:40:00 PM
Lab ID: 2307D01-003
Matrix: MEOH (SOIL)
Received Date: 7/27/2023 6:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	150	60		mg/Kg	20	7/27/2023 12:01:57 PM	76506
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**	
Diesel Range Organics (DRO)	11	9.6		mg/Kg	1	7/27/2023 11:39:19 AM	76500
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/27/2023 11:39:19 AM	76500
Surr: DNOP	103	69-147		%Rec	1	7/27/2023 11:39:19 AM	76500
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**	
Gasoline Range Organics (GRO)	ND	3.6		mg/Kg	1	7/27/2023 11:41:00 AM	R98540
Surr: BFB	87.1	15-244		%Rec	1	7/27/2023 11:41:00 AM	R98540
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**	
Benzene	ND	0.018		mg/Kg	1	7/27/2023 11:41:00 AM	R98540
Toluene	0.041	0.036		mg/Kg	1	7/27/2023 11:41:00 AM	R98540
Ethylbenzene	ND	0.036		mg/Kg	1	7/27/2023 11:41:00 AM	R98540
Xylenes, Total	0.15	0.071		mg/Kg	1	7/27/2023 11:41:00 AM	R98540
Surr: 4-Bromofluorobenzene	81.2	39.1-146		%Rec	1	7/27/2023 11:41:00 AM	R98540

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

Qualifiers:

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

Analytical Report
Lab Order **2307D01**
Date Reported: **7/31/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** S-4
Project: JE Decker 2 **Collection Date:** 7/26/2023 2:45:00 PM
Lab ID: 2307D01-004 **Matrix:** MEOH (SOIL) **Received Date:** 7/27/2023 6:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	700	60		mg/Kg	20	7/27/2023 12:14:21 PM	76506
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	7/27/2023 11:57:47 AM	76500
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/27/2023 11:57:47 AM	76500
Surr: DNOP	104	69-147		%Rec	1	7/27/2023 11:57:47 AM	76500
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**	
Gasoline Range Organics (GRO)	ND	3.6		mg/Kg	1	7/27/2023 12:03:00 PM	R98540
Surr: BFB	85.6	15-244		%Rec	1	7/27/2023 12:03:00 PM	R98540
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**	
Benzene	ND	0.018		mg/Kg	1	7/27/2023 12:03:00 PM	R98540
Toluene	ND	0.036		mg/Kg	1	7/27/2023 12:03:00 PM	R98540
Ethylbenzene	ND	0.036		mg/Kg	1	7/27/2023 12:03:00 PM	R98540
Xylenes, Total	ND	0.073		mg/Kg	1	7/27/2023 12:03:00 PM	R98540
Surr: 4-Bromofluorobenzene	80.1	39.1-146		%Rec	1	7/27/2023 12:03:00 PM	R98540

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

Qualifiers:

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

Analytical Report
Lab Order **2307D01**
Date Reported: **7/31/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** S-5
Project: JE Decker 2 **Collection Date:** 7/26/2023 2:50:00 PM
Lab ID: 2307D01-005 **Matrix:** MEOH (SOIL) **Received Date:** 7/27/2023 6:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	ND	60		mg/Kg	20	7/27/2023 12:26:46 PM	76506
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	7/27/2023 12:16:11 PM	76500
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/27/2023 12:16:11 PM	76500
Surr: DNOP	106	69-147		%Rec	1	7/27/2023 12:16:11 PM	76500
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**	
Gasoline Range Organics (GRO)	ND	3.5		mg/Kg	1	7/27/2023 12:24:00 PM	R98540
Surr: BFB	86.8	15-244		%Rec	1	7/27/2023 12:24:00 PM	R98540
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**	
Benzene	ND	0.017		mg/Kg	1	7/27/2023 12:24:00 PM	R98540
Toluene	ND	0.035		mg/Kg	1	7/27/2023 12:24:00 PM	R98540
Ethylbenzene	ND	0.035		mg/Kg	1	7/27/2023 12:24:00 PM	R98540
Xylenes, Total	0.21	0.070		mg/Kg	1	7/27/2023 12:24:00 PM	R98540
Surr: 4-Bromofluorobenzene	80.8	39.1-146		%Rec	1	7/27/2023 12:24:00 PM	R98540

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

Qualifiers:

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

Analytical Report
Lab Order **2307D01**
Date Reported: **7/31/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** S-6
Project: JE Decker 2 **Collection Date:** 7/26/2023 2:55:00 PM
Lab ID: 2307D01-006 **Matrix:** MEOH (SOIL) **Received Date:** 7/27/2023 6:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	94	60		mg/Kg	20	7/27/2023 12:39:11 PM	76506
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	7/27/2023 12:34:45 PM	76500
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/27/2023 12:34:45 PM	76500
Surr: DNOP	107	69-147		%Rec	1	7/27/2023 12:34:45 PM	76500
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**	
Gasoline Range Organics (GRO)	ND	3.3		mg/Kg	1	7/27/2023 12:46:00 PM	R98540
Surr: BFB	83.4	15-244		%Rec	1	7/27/2023 12:46:00 PM	R98540
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**	
Benzene	ND	0.017		mg/Kg	1	7/27/2023 12:46:00 PM	R98540
Toluene	ND	0.033		mg/Kg	1	7/27/2023 12:46:00 PM	R98540
Ethylbenzene	ND	0.033		mg/Kg	1	7/27/2023 12:46:00 PM	R98540
Xylenes, Total	ND	0.066		mg/Kg	1	7/27/2023 12:46:00 PM	R98540
Surr: 4-Bromofluorobenzene	78.3	39.1-146		%Rec	1	7/27/2023 12:46:00 PM	R98540

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

Qualifiers:

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

Analytical Report
Lab Order **2307D01**
Date Reported: **7/31/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** S-7
Project: JE Decker 2 **Collection Date:** 7/26/2023 3:00:00 PM
Lab ID: 2307D01-007 **Matrix:** MEOH (SOIL) **Received Date:** 7/27/2023 6:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	450	60		mg/Kg	20	7/27/2023 12:51:36 PM	76506
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**	
Diesel Range Organics (DRO)	52	9.4		mg/Kg	1	7/27/2023 12:53:32 PM	76500
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/27/2023 12:53:32 PM	76500
Surr: DNOP	106	69-147		%Rec	1	7/27/2023 12:53:32 PM	76500
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**	
Gasoline Range Organics (GRO)	100	35		mg/Kg	10	7/27/2023 1:08:00 PM	R98540
Surr: BFB	158	15-244		%Rec	10	7/27/2023 1:08:00 PM	R98540
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**	
Benzene	0.25	0.17		mg/Kg	10	7/27/2023 1:08:00 PM	R98540
Toluene	5.8	0.35		mg/Kg	10	7/27/2023 1:08:00 PM	R98540
Ethylbenzene	2.4	0.35		mg/Kg	10	7/27/2023 1:08:00 PM	R98540
Xylenes, Total	26	0.70		mg/Kg	10	7/27/2023 1:08:00 PM	R98540
Surr: 4-Bromofluorobenzene	98.8	39.1-146		%Rec	10	7/27/2023 1:08:00 PM	R98540

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

Qualifiers:

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

Analytical Report
Lab Order **2307D01**
Date Reported: **7/31/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** S-8
Project: JE Decker 2 **Collection Date:** 7/26/2023 3:05:00 PM
Lab ID: 2307D01-008 **Matrix:** MEOH (SOIL) **Received Date:** 7/27/2023 6:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	180	60		mg/Kg	20	7/27/2023 1:04:01 PM	76506
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	7/27/2023 1:12:24 PM	76500
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/27/2023 1:12:24 PM	76500
Surr: DNOP	107	69-147		%Rec	1	7/27/2023 1:12:24 PM	76500
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**	
Gasoline Range Organics (GRO)	ND	3.3		mg/Kg	1	7/27/2023 2:34:00 PM	R98540
Surr: BFB	88.7	15-244		%Rec	1	7/27/2023 2:34:00 PM	R98540
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**	
Benzene	ND	0.017		mg/Kg	1	7/27/2023 2:34:00 PM	R98540
Toluene	ND	0.033		mg/Kg	1	7/27/2023 2:34:00 PM	R98540
Ethylbenzene	ND	0.033		mg/Kg	1	7/27/2023 2:34:00 PM	R98540
Xylenes, Total	0.22	0.067		mg/Kg	1	7/27/2023 2:34:00 PM	R98540
Surr: 4-Bromofluorobenzene	79.2	39.1-146		%Rec	1	7/27/2023 2:34:00 PM	R98540

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2307D01**

31-Jul-23

Client: ENSOLUM

Project: JE Decker 2

Sample ID: **MB-76506**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **76506**	RunNo: **98546**
Prep Date: **7/27/2023**	Analysis Date: **7/27/2023**	SeqNo: **3589322** Units: **mg/Kg**

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

Sample ID: **LCS-76506**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **76506**	RunNo: **98546**
Prep Date: **7/27/2023**	Analysis Date: **7/27/2023**	SeqNo: **3589323** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.5	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2307D01**

31-Jul-23

Client: ENSOLUM

Project: JE Decker 2

Sample ID: **MB-76500**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **76500**	RunNo: **98545**
Prep Date: **7/27/2023**	Analysis Date: **7/27/2023**	SeqNo: **3588054** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		102	69	147			

Sample ID: **LCS-76500**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **76500**	RunNo: **98545**
Prep Date: **7/27/2023**	Analysis Date: **7/27/2023**	SeqNo: **3588055** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	88.0	61.9	130			
Surr: DNOP	5.0		5.000		100	69	147			

Sample ID: **2307D01-008AMS**	SampType: **MS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **S-8**	Batch ID: **76500**	RunNo: **98545**
Prep Date: **7/27/2023**	Analysis Date: **7/27/2023**	SeqNo: **3588935** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	60	9.8	48.88	0	124	54.2	135			
Surr: DNOP	5.2		4.888		107	69	147			

Sample ID: **2307D01-008AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **S-8**	Batch ID: **76500**	RunNo: **98545**
Prep Date: **7/27/2023**	Analysis Date: **7/27/2023**	SeqNo: **3588936** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	9.8	48.78	0	95.1	54.2	135	26.2	29.2	
Surr: DNOP	5.0		4.878		103	69	147	0	0	

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2307D01**

31-Jul-23

Client: ENSOLUM

Project: JE Decker 2

Sample ID: **2.5ug gro lcs**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **R98540**	RunNo: **98540**
Prep Date:	Analysis Date: **7/27/2023**	SeqNo: **3587907** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	84.5	70	130			
Surr: BFB	1900		1000		190	15	244			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **R98540**	RunNo: **98540**
Prep Date:	Analysis Date: **7/27/2023**	SeqNo: **3587908** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	820		1000		82.0	15	244			

Sample ID: **2307D01-001ams**	SampType: **MS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **S-1**	Batch ID: **R98540**	RunNo: **98540**
Prep Date:	Analysis Date: **7/27/2023**	SeqNo: **3588346** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	19	4.1	20.32	0	91.8	70	130			
Surr: BFB	1500		813.0		189	15	244			

Sample ID: **2307D01-001amsd**	SampType: **MSD**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **S-1**	Batch ID: **R98540**	RunNo: **98540**
Prep Date:	Analysis Date: **7/27/2023**	SeqNo: **3588347** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	17	4.1	20.32	0	85.2	70	130	7.50	20	
Surr: BFB	1500		813.0		190	15	244	0	0	

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2307D01**

31-Jul-23

Client: ENSOLUM

Project: JE Decker 2

Sample ID: **100ng btex lcs**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **R98540**	RunNo: **98540**
Prep Date:	Analysis Date: **7/27/2023**	SeqNo: **3587913** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	97.2	70	130			
Toluene	0.99	0.050	1.000	0	98.6	70	130			
Ethylbenzene	0.99	0.050	1.000	0	99.0	70	130			
Xylenes, Total	3.0	0.10	3.000	0	99.0	70	130			
Surr: 4-Bromofluorobenzene	0.83		1.000		82.5	39.1	146			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **R98540**	RunNo: **98540**
Prep Date:	Analysis Date: **7/27/2023**	SeqNo: **3587914** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.82		1.000		81.7	39.1	146			

Sample ID: **2307D01-002ams**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **S-2**	Batch ID: **R98540**	RunNo: **98540**
Prep Date:	Analysis Date: **7/27/2023**	SeqNo: **3588350** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.75	0.019	0.7663	0	97.3	70	130			
Toluene	0.76	0.038	0.7663	0.01012	98.0	70	130			
Ethylbenzene	0.75	0.038	0.7663	0	98.3	70	130			
Xylenes, Total	2.3	0.077	2.299	0.03852	98.0	70	130			
Surr: 4-Bromofluorobenzene	0.61		0.7663		79.1	39.1	146			

Sample ID: **2307D01-002amsd**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **S-2**	Batch ID: **R98540**	RunNo: **98540**
Prep Date:	Analysis Date: **7/27/2023**	SeqNo: **3588351** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.69	0.019	0.7663	0	90.6	70	130	7.11	20	
Toluene	0.71	0.038	0.7663	0.01012	91.8	70	130	6.45	20	
Ethylbenzene	0.71	0.038	0.7663	0	92.7	70	130	5.92	20	
Xylenes, Total	2.2	0.077	2.299	0.03852	92.6	70	130	5.58	20	
Surr: 4-Bromofluorobenzene	0.61		0.7663		80.0	39.1	146	0	0	

Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: ENSOLUM Work Order Number: 2307D01 RcptNo: 1

Received By: Tracy Casarrubias 7/27/2023 6:30:00 AM

Completed By: Tracy Casarrubias 7/27/2023 7:04:49 AM

Reviewed By: ~~SAA SCC~~ SCM 07/27/23 SCM 07/27/23

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	# of preserved bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted?
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	Checked by: 7M 7/27/23

Special Handling (if applicable)

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

Person Notified: Date:

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

Regarding:

Client Instructions: Phone number is missingon COC-TMC 7/27/23

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.8	Good	Yes	Yogi		

Chain-of-Custody Record

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Client: Ensolum, LLC

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

Phone #:

email or Fax#: ksummers@ensolum.com

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

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

Turn-Around Time:
☐ Standard ☒ Rush 120 Y. Same-Day

Project Name: J.E. Decker #2

Project #: SEE NOTES

Project Manager:

Sampler: L. Daniell
On Ice: ☒ Yes ☐ No yogi
# of Coolers: 1
Cooler Temp (including CF): 1.8-0=1.8 (°C)

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2307D01	BTEX / ~~MTBE / TMB's~~ (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	(Cl), ~~F, Br, NO3, NO2, PO4, SO4~~	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7/26/23	14:30	S	S-1	1 4oz jar	Cool	001	X	X					X			
↓	14:35	S	S-2	↓	↓	002	X	X					X			
	14:40	S	S-3			003	X	X					X			
	14:45	S	S-4			004	X	X					X			
	14:50	S	S-5			005	X	X					X			
	14:55	S	S-6			006	X	X					X			
	15:00	S	S-7			007	X	X					X			
↓	15:05	S	S-8	↓	↓	008	X	X					X			

Date	Time	Relinquished by	Received by	Via	Date	Time
7/26/23	1705	[signature]	[signature]		7/26/23	1710
7/26/23	1840	[signature]	[signature]	courier	7/27/23	6:30

Remarks: PM Tom Long
Pay Key: RB21200
Non AFE# N66842
Same-Day

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

August 04, 2023

Kyle Summers

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

RE: JE Decker 2 OrderNo.: 2307E45

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 2 sample(s) on 7/29/2023 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2307E45**
Date Reported: **8/4/2023**

CLIENT: ENSOLUM
Client Sample ID: S-9
Project: JE Decker 2
Collection Date: 7/28/2023 9:00:00 AM
Lab ID: 2307E45-001
Matrix: MEOH (SOIL)
Received Date: 7/29/2023 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **SNS**	
Chloride	570	60		mg/Kg	20	7/31/2023 1:31:48 PM	76564
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	7/29/2023 2:18:43 PM	76555
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/29/2023 2:18:43 PM	76555
Surr: DNOP	103	69-147		%Rec	1	7/29/2023 2:18:43 PM	76555
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**	
Gasoline Range Organics (GRO)	ND	3.4		mg/Kg	1	7/31/2023 12:51:31 PM	GS98601
Surr: BFB	94.8	15-244		%Rec	1	7/31/2023 12:51:31 PM	GS98601
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	ND	0.017		mg/Kg	1	7/31/2023 12:51:31 PM	BS98601
Toluene	ND	0.034		mg/Kg	1	7/31/2023 12:51:31 PM	BS98601
Ethylbenzene	ND	0.034		mg/Kg	1	7/31/2023 12:51:31 PM	BS98601
Xylenes, Total	ND	0.068		mg/Kg	1	7/31/2023 12:51:31 PM	BS98601
Surr: 4-Bromofluorobenzene	111	39.1-146		%Rec	1	7/31/2023 12:51:31 PM	BS98601

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

Qualifiers:

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

Analytical Report
Lab Order **2307E45**
Date Reported: **8/4/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: S-10
Project: JE Decker 2
Collection Date: 7/28/2023 9:10:00 AM
Lab ID: 2307E45-002
Matrix: MEOH (SOIL)
Received Date: 7/29/2023 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **SNS**	
Chloride	580	60		mg/Kg	20	7/31/2023 1:44:12 PM	76564
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	7/29/2023 2:51:28 PM	76555
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/29/2023 2:51:28 PM	76555
Surr: DNOP	103	69-147		%Rec	1	7/29/2023 2:51:28 PM	76555
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**	
Gasoline Range Organics (GRO)	ND	3.7		mg/Kg	1	7/31/2023 1:15:02 PM	GS98601
Surr: BFB	94.0	15-244		%Rec	1	7/31/2023 1:15:02 PM	GS98601
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	ND	0.018		mg/Kg	1	7/31/2023 1:15:02 PM	BS98601
Toluene	ND	0.037		mg/Kg	1	7/31/2023 1:15:02 PM	BS98601
Ethylbenzene	ND	0.037		mg/Kg	1	7/31/2023 1:15:02 PM	BS98601
Xylenes, Total	ND	0.073		mg/Kg	1	7/31/2023 1:15:02 PM	BS98601
Surr: 4-Bromofluorobenzene	112	39.1-146		%Rec	1	7/31/2023 1:15:02 PM	BS98601

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2307E45**

04-Aug-23

Client: ENSOLUM

Project: JE Decker 2

Sample ID:	**MB-76564**	SampType:	**MBLK**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**PBS**	Batch ID:	**76564**	RunNo:	**98608**					
Prep Date:	**7/31/2023**	Analysis Date:	**7/31/2023**	SeqNo:	**3592134**	Units:	**mg/Kg**			

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

Sample ID:	**LCS-76564**	SampType:	**LCS**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**LCSS**	Batch ID:	**76564**	RunNo:	**98608**					
Prep Date:	**7/31/2023**	Analysis Date:	**7/31/2023**	SeqNo:	**3592135**	Units:	**mg/Kg**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.1	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2307E45**

04-Aug-23

Client: ENSOLUM

Project: JE Decker 2

Sample ID: **2307E45-001AMS**	SampType: **MS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **S-9**	Batch ID: **76555**	RunNo: **98594**
Prep Date: **7/29/2023**	Analysis Date: **7/29/2023**	SeqNo: **3590211** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	9.5	47.48	0	106	54.2	135			
Surr: DNOP	4.9		4.748		104	69	147			

Sample ID: **2307E45-001AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **S-9**	Batch ID: **76555**	RunNo: **98594**
Prep Date: **7/29/2023**	Analysis Date: **7/29/2023**	SeqNo: **3590212** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	53	9.4	46.86	0	114	54.2	135	5.91	29.2	
Surr: DNOP	5.7		4.686		121	69	147	0	0	

Sample ID: **LCS-76555**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **76555**	RunNo: **98594**
Prep Date: **7/29/2023**	Analysis Date: **7/29/2023**	SeqNo: **3590225** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	53	10	50.00	0	107	61.9	130			
Surr: DNOP	5.1		5.000		103	69	147			

Sample ID: **MB-76555**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **76555**	RunNo: **98594**
Prep Date: **7/29/2023**	Analysis Date: **7/29/2023**	SeqNo: **3590227** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		111	69	147			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2307E45**

04-Aug-23

Client: ENSOLUM

Project: JE Decker 2

Sample ID: **2.5ug gro lcs**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **GS98601**	RunNo: **98601**
Prep Date:	Analysis Date: **7/31/2023**	SeqNo: **3590782** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	89.2	70	130			
Surr: BFB	2000		1000		195	15	244			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **GS98601**	RunNo: **98601**
Prep Date:	Analysis Date: **7/31/2023**	SeqNo: **3590783** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	900		1000		90.4	15	244			

Sample ID: **lcs-76543**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **76543**	RunNo: **98601**
Prep Date: **7/28/2023**	Analysis Date: **7/31/2023**	SeqNo: **3591155** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	2000		1000		199	15	244			

Sample ID: **mb-76543**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **76543**	RunNo: **98601**
Prep Date: **7/28/2023**	Analysis Date: **7/31/2023**	SeqNo: **3591604** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	960		1000		96.1	15	244			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2307E45**

04-Aug-23

Client: ENSOLUM

Project: JE Decker 2

Sample ID: **100ng btex lcs**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **BS98601**	RunNo: **98601**
Prep Date:	Analysis Date: **7/31/2023**	SeqNo: **3590788** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	110	70	130			
Toluene	1.1	0.050	1.000	0	111	70	130			
Ethylbenzene	1.1	0.050	1.000	0	110	70	130			
Xylenes, Total	3.3	0.10	3.000	0	111	70	130			
Surr: 4-Bromofluorobenzene	1.1		1.000		109	39.1	146			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **BS98601**	RunNo: **98601**
Prep Date:	Analysis Date: **7/31/2023**	SeqNo: **3590790** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		109	39.1	146			

Sample ID: **LCS-76543**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **76543**	RunNo: **98601**
Prep Date: **7/28/2023**	Analysis Date: **7/31/2023**	SeqNo: **3591156** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		114	39.1	146			

Sample ID: **mb-76543**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **76543**	RunNo: **98601**
Prep Date: **7/28/2023**	Analysis Date: **7/31/2023**	SeqNo: **3591642** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		114	39.1	146			

Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: ENSOLUM Work Order Number: 2307E45 RcptNo: 1

Received By: Juan Rojas 7/29/2023 7:05:00 AM

Completed By: Tracy Casarrubias 7/29/2023 8:19:24 AM

Reviewed By: JR 7/29/23

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	# of preserved bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted?
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	Checked by: TMC 7/29/23

Special Handling (if applicable)

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

Person Notified: Date:

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

Regarding:

Client Instructions: Phone number is missing on COC- TMC 7/29/23

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.7	Good	Yes	Morty		

Chain-of-Custody Record

Client: Ensolum, LLC

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

Phone #:

email or Fax#: ksummers@ensolum.com

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☐ Standard ☒ Rush 100% Same-Day

Project Name: J. E. Decker #2 CD

Project #: SEE NOTES

Project Manager: K. Summers

Sampler: L. Daniell

On Ice: ☑ Yes ☐ No

# of Coolers: 1 Wet

Cooler Temp(including CF): 0.8 0.1 = 0.7 (°C)

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2307E45	BTEX / ~~MTBE / TMB's~~ (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, ~~Br~~, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7/28/23	9:00	S	S-9	1 4oz jar	Cool	001	X	X					X			
7/28/23	9:10	S	S-10	1 4oz jar	Cool	002	X	X					X			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
7/28/23	1401		Chet Walters		7/28/23	1401
7/28/23	1807	Chet Walters		Courier	7/29/23	7:05

Remarks: Seal Intact Ja 7/28/23
PM Tom Long
Pay Key: RB21200
Non AFE # N66842
Same Day

Analysis Request

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

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

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

CONDITIONS

Action 263347

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 263347
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	12/19/2023