

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	
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): nAPP2125739917
Contact mailing address: 614 Reilly Ave, Farmington, NM 87401	

Location of Release Source

Latitude **36.769485** Longitude **-107.958157** (NAD 83 in decimal degrees to 5 decimal places)

Site Name Wood #2	Site Type Natural Gas Gathering Pipeline
Date Release Discovered: : 09/01/2021	Serial Number (if applicable): N/A

Unit Letter	Section	Township	Range	County
G	35	30N	11W	San Juan

Surface Owner: State Federal Tribal Private (Name: **BLM**)

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input checked="" type="checkbox"/> Condensate	Volume Released (bbls): 3-5 BBLS	Volume Recovered (bbls): None
<input checked="" type="checkbox"/> Natural Gas	Volume Released (Mcf): 1.2 MCF	Volume Recovered (Mcf): None
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units):	Volume/Weight Recovered (provide units)

Cause of Release On September 1, 2021, Enterprise had a release of natural gas and natural gas liquids from the Wood #2 pipeline. The pipeline was isolated, depressurized, locked and tagged out. No liquids were observed on the ground surface. The release was underground. Liquids are present in the subsurface. No washes/waterway were affected. No residences were affected. No emergency services responded. Remediation and repairs began on 9-14-2021 at which time Enterprise determined the release reported per NMOCD regulation due to the volume of impacted subsurface soil. The final excavation dimensions measured approximately nine feet long by nine feet wide by four feet deep. Approximately 34 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	
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:  Date: 1-20-2022

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

OCD Only

Received by: _____ Date: _____

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

Closure Approved by:  Date: 02/23/2022

Printed Name: Nelson Velez Title: Environmental Specialist – Adv



CLOSURE REPORT

Property:

**Wood #2 (9/1/21)
Unit Letter G, S35 T30N R11W
San Juan County, New Mexico**

NM EMNRD OCD Incident ID No. NAPP2125739917

November 30, 2021
Ensolum Project No. 05A1226156

Prepared for:

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

Prepared by:

A handwritten signature in blue ink, appearing to read "Chad D'Aponti".

Chad D'Aponti
Project Scientist

A handwritten signature in blue ink, appearing to read "Rane Dechilly".

Rane Dechilly
Project Manager

A handwritten signature in blue ink, appearing to read "Kyle Summers".

Kyle Summers, CPG
Sr. Project Manager

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CLOSURE REPORT

**Wood #2 (9/1/21)
Unit Letter G, S35 T30N R11W
San Juan County, New Mexico**

Ensolum Project No. 05A1226156

1.0 INTRODUCTION

1.1 Site Description & Background

Operator:	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)
Site Name:	Wood #2 (9/1/21) (Site)
NM EMNRD OCD Incident ID No.	NAPP2125739917
Location:	36.769485° North, 107.958157° West Unit Letter G, Section 35, Township 30 North, Range 11 West San Juan County, New Mexico
Property:	Bureau of Land Management (BLM)
Regulatory:	New Mexico (NM) Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

On September 1, 2021, a release of natural gas was identified on the Wood #2 pipeline. Enterprise subsequently isolated and locked the pipeline out of service. On September 3, 2021, Enterprise initiated activities to repair the pipeline and remediate petroleum hydrocarbon impact.

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

1.2 Project Objective

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

2.0 CLOSURE CRITERIA

The Site is subject to regulatory oversight by the NM EMNRD OCD. To address activities related to oil and gas releases, the NM EMNRD OCD references NM 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. Ensolum, LLC (Ensolum) utilized information provided by Enterprise, the general site characteristics, and information available from the NM Office of the State Engineer (OSE) and the NM EMNRD OCD imaging database 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 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

Closure Report
Enterprise Field Services, LLC
Wood #2 (9/1/21)
November 30, 2021



and includes an interactive map). No PODs were identified within one mile of the Site. Nine PODs (SJ-03841 POD10 and SJ-04046 POD1 through SJ-04046 POD8) were identified in the adjacent Public Land Survey System (PLSS) section. Based on the OSE well record and log it appears that SJ-03841 POD10 is actually located near Navajo Dam. The OSE was notified of the discrepancy. The plugging plan documents for the monitoring well network (SJ 04046 POD1-POD8) that was located at the Conoco Phillips Company Martin 34 No. 2 well site, approximately 1.1 miles southwest of the Site and at a lower elevation (5,764 feet) than the Site (5,846 feet), indicate an average depth to water of 40 feet bgs (**Figure A, Appendix B**).

- Numerous cathodic protection wells (CPWs) were identified in the NM EMNRD OCD imaging database within one mile of the Site and in adjacent PLSS sections. The approximate locations of the three closest CPWs are depicted on **Figure B (Appendix B)**. One CPW is associated with the Seymour Com #3 oil/gas production well and is approximately 0.7 miles northeast of the site and at a higher elevation (5,923 feet) than the Site (5,846 feet), with a reported depth to water ranging from 80 to 90 feet bgs. The second CPW is associated with the Davis A Federal 1N oil/gas production well and is approximately 0.7 miles northeast of the site and at a higher elevation (5,912 feet) than the Site, with a reported depth to water of 180 feet bgs. The third CPW is associated with the Payne #1 oil/gas production well and is approximately 0.9 miles northwest of the site and at a higher elevation (5,928 feet, according to the well record) than the Site, with reported depth to water of 60 feet bgs.
- The Site is not located within 300 feet of a NM EMNRD OCD-defined continuously flowing watercourse or significant watercourse. The Site is located approximately 470 feet east of an ephemeral wash (**Figure C, Appendix B**).
- The Site is not located within 200 feet of a lakebed, sinkhole, or playa lake.
- The Site is not located within 300 feet of a permanent residence, school, hospital, institution, or church (**Figure D, Appendix B**).
- No springs, or private domestic fresh water 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 fresh water 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 located 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 located within an area overlying a subsurface mine (**Figure G, Appendix B**).
- The Site is not located within an unstable area.
- Based on information provided by the Federal Emergency Management Agency (FEMA) National Flood Hazard Layer (NFHL) geospatial database the location of the Site is not located within a 100-year floodplain (**Figure H, Appendix B**).

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Enterprise Field Services, LLC
Wood #2 (9/1/21)
November 30, 2021



Based on the identified siting criteria, Enterprise estimates the depth to water at the Site to be greater than 50 feet bgs, resulting in a Tier II ranking. However, the soil requirements of NMAC 19.15.29.13(D)(1) indicate that a minimum of the upper four feet must contain “uncontaminated” soil and that the soils meet Tier I closure criteria listed in Table 1 of NMAC 19.15.29.12. None of the samples were collected below four feet bgs, so Tier II closure criteria were not included in the report. The Tier I closure criteria 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 kilograms (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 September 3, 2021, Enterprise initiated activities to 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 nine feet long and nine feet wide at the maximum extents. The maximum depth of the excavation measured approximately four feet bgs. The lithology encountered during the completion of remediation activities consisted primarily of unconsolidated silty sand underlain by weathered sandstone.

Approximately 34 cubic yards (yd³) of petroleum hydrocarbon affected soil mixed with surface soils from Site leveling activities was 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 the area was 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 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 three composite soil samples (S-1 through S-3) from the excavation for laboratory analysis. The composite samples were comprised of five aliquots each and represent a 200 square foot (ft²), or less, sample area per guidelines outlined in Section D of 19.15.29.12 NMAC. Hand tools were utilized to obtain fresh aliquots from each area of the excavation. The regulatory correspondence is provided in **Appendix E**.

On September 16, 2021, the first 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

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soil sample S-1 (4') was collected from the floor of the excavation. Composite soil samples S-2 (0'-4') and S-3 (0'-4') were collected from the walls of the excavation.

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 DATA EVALUATION

Ensolum compared the BTEX, TPH, and chloride laboratory analytical results associated with the composite soil samples (S-1 through S-3) to the NM EMNRD OCD Tier I closure criteria. In the event that the laboratory did not quantify a result for BTEX or chloride, Ensolum compared the laboratory supplied practical quantitation limits (PQLs) / reporting limits (RLs) to the NM EMNRD OCD closure criteria. Due to the high PQLs/RLs associated with the TPH MRO range when using EPA SW-846 Method #8015, Ensolum only compared the quantified results to the NM EMNRD OCD closure criteria.

- The laboratory analytical result for composite soil sample S-3 indicates a benzene concentration of 0.15 mg/kg, which is less than the Tier I NM EMNRD OCD closure criteria of 10 mg/kg. The laboratory analytical results for composite soil samples S-1 and S-2 indicate benzene is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the Tier I NM EMNRD OCD closure criteria of 10 mg/kg.
- The laboratory analytical results for composite soil samples S-2 and S-3 indicate total BTEX concentrations of 0.22 mg/kg and 4.3 mg/kg, respectively, which are less than the Tier I NM EMNRD OCD closure criteria of 50 mg/kg. The laboratory analytical results for composite soil sample S-1 indicate total BTEX is not present at a concentration greater than the laboratory PQLs/RLs, which is less than the Tier I NM EMNRD OCD closure criteria of 50 mg/kg.
- The laboratory analytical results for composite soil samples S-2 and S-3 indicate combined TPH GRO/DRO/MRO concentrations of 16 mg/kg and 93 mg/kg, respectively, which are less than the Tier I NM EMNRD OCD closure criteria of 100 mg/kg. The laboratory analytical results for composite soil sample S-1 indicate total combined TPH GRO/DRO/MRO is not present at a concentration greater than the laboratory PQLs/RLs, which is less than the Tier I NM EMNRD OCD closure criteria of 100 mg/kg.
- The laboratory analytical results for the composite soil samples indicate chloride concentrations is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the Tier I NM EMNRD OCD closure criteria of 600 mg/kg.

The laboratory analytical results are summarized in **Table 1 (Appendix F)**.

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Enterprise Field Services, LLC
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November 30, 2021



7.0 RECLAMATION AND REVEGETATION

The excavation was backfilled with imported fill, and the area was then contoured to surrounding grade. The pipeline was hydro-excavated again after backfilling was complete to facilitate upcoming pipeline replacement. After permanent repairs are complete, Enterprise will re-seed the Site with a BLM-approved seed mixture.

8.0 FINDINGS AND RECOMMENDATION

- Three composite soil samples were collected from the Site. Based on laboratory analytical results, no benzene, BTEX, chloride, or combined TPH GRO/DRO/MRO exceedances were identified in the soils remaining at the Site.
- Approximately 34 yd³ of petroleum hydrocarbon affected soil mixed with surface soils from Site leveling activities was transported to the Envirotech landfarm for disposal/remediation. The excavation was backfilled with imported fill and then contoured to the surrounding grade.

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.

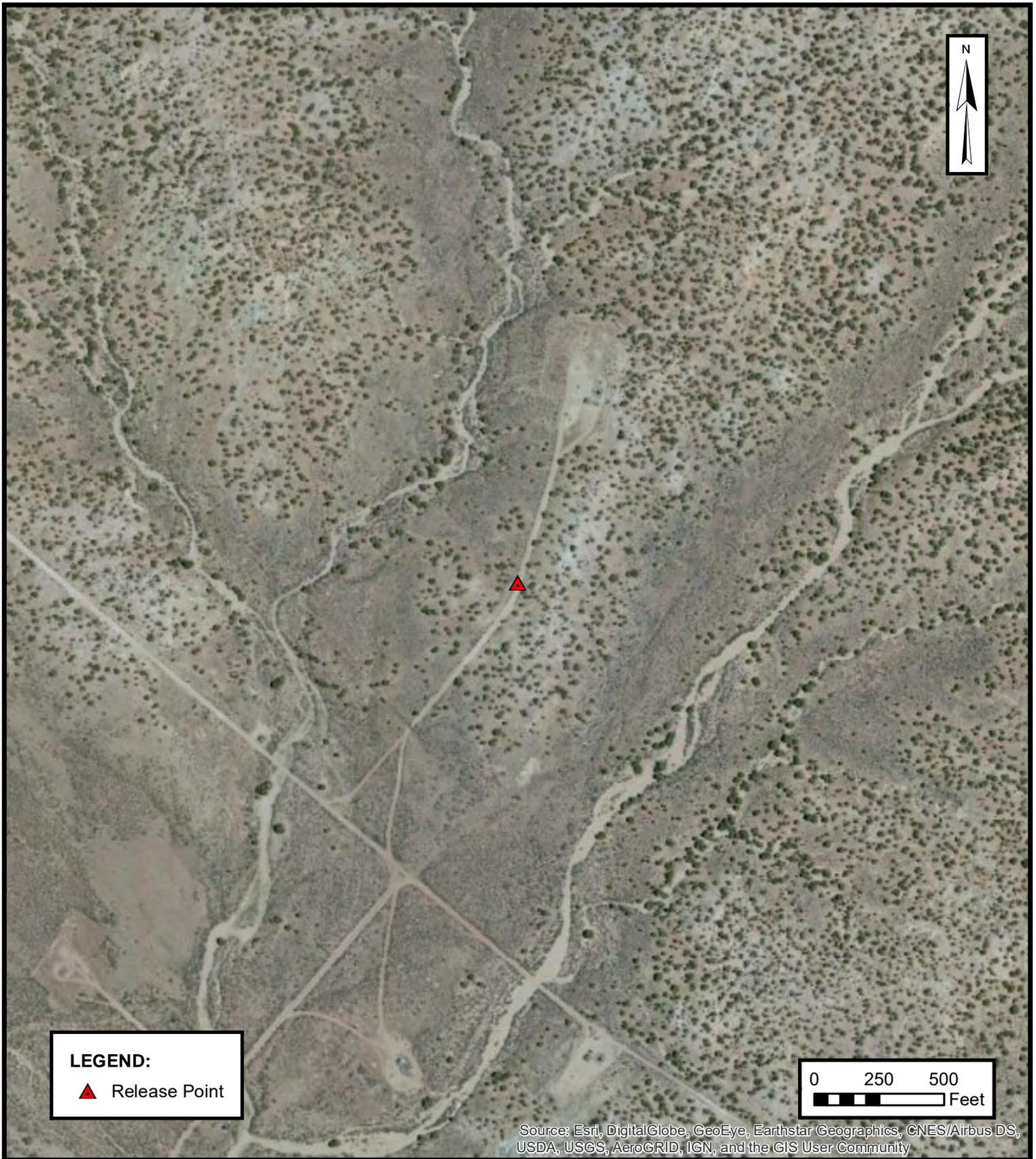
9.3 Reliance

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.



APPENDIX A

Figures



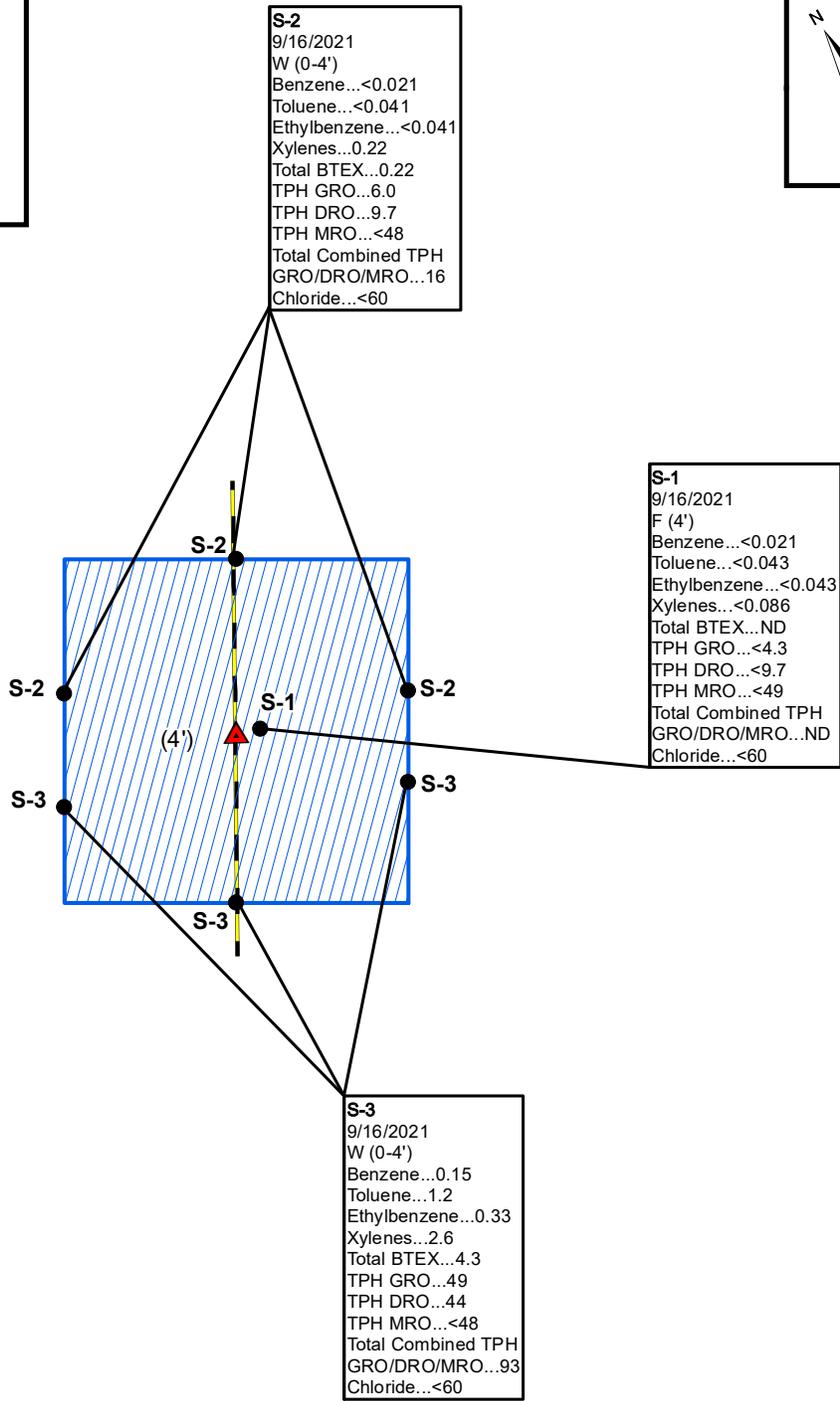
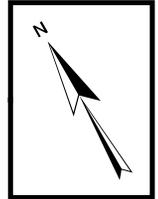
ENSOLUM
Environmental & Hydrogeologic Consultants

SITE VICINITY MAP
ENTERPRISE FIELD SERVICES, LLC
WOOD #2 (9/1/21)
Unit Letter G, S35 T30N R11W, San Juan County, New Mexico
36.769485° N, 107.958157° W
PROJECT NUMBER: 05A1226156

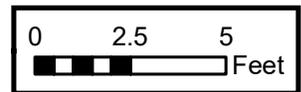
FIGURE
2

LEGEND:

-  Release Point
-  Composite Soil Sample Location
-  Extent of Excavation
-  Approximate Pipeline Location



NOTES:
 All Concentrations Are Listed in mg/Kg.
 All Depths Are Listed in Feet BGS.
 W - Wall Sample
 F - Floor Sample




SITE MAP WITH SOIL ANALYTICAL RESULTS

ENTERPRISE FIELD SERVICES, LLC
 WOOD #2 (9/1/21)
 Unit Letter G, S35 T30N R11W, San Juan County, New Mexico
 36.769485° N, 107.958157° W

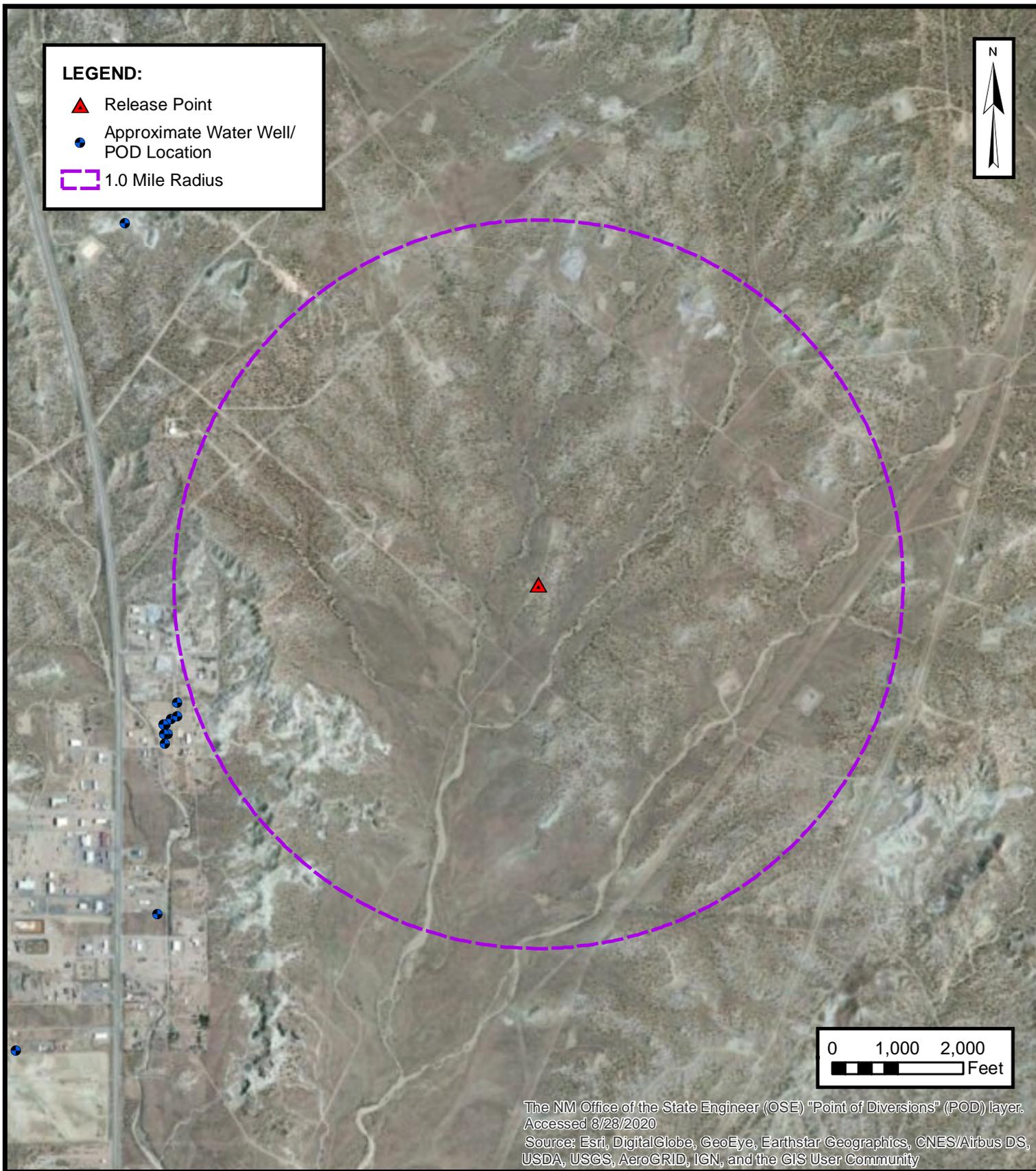
PROJECT NUMBER: 05A1226156

FIGURE
3



APPENDIX B

Siting Figures and Documentation



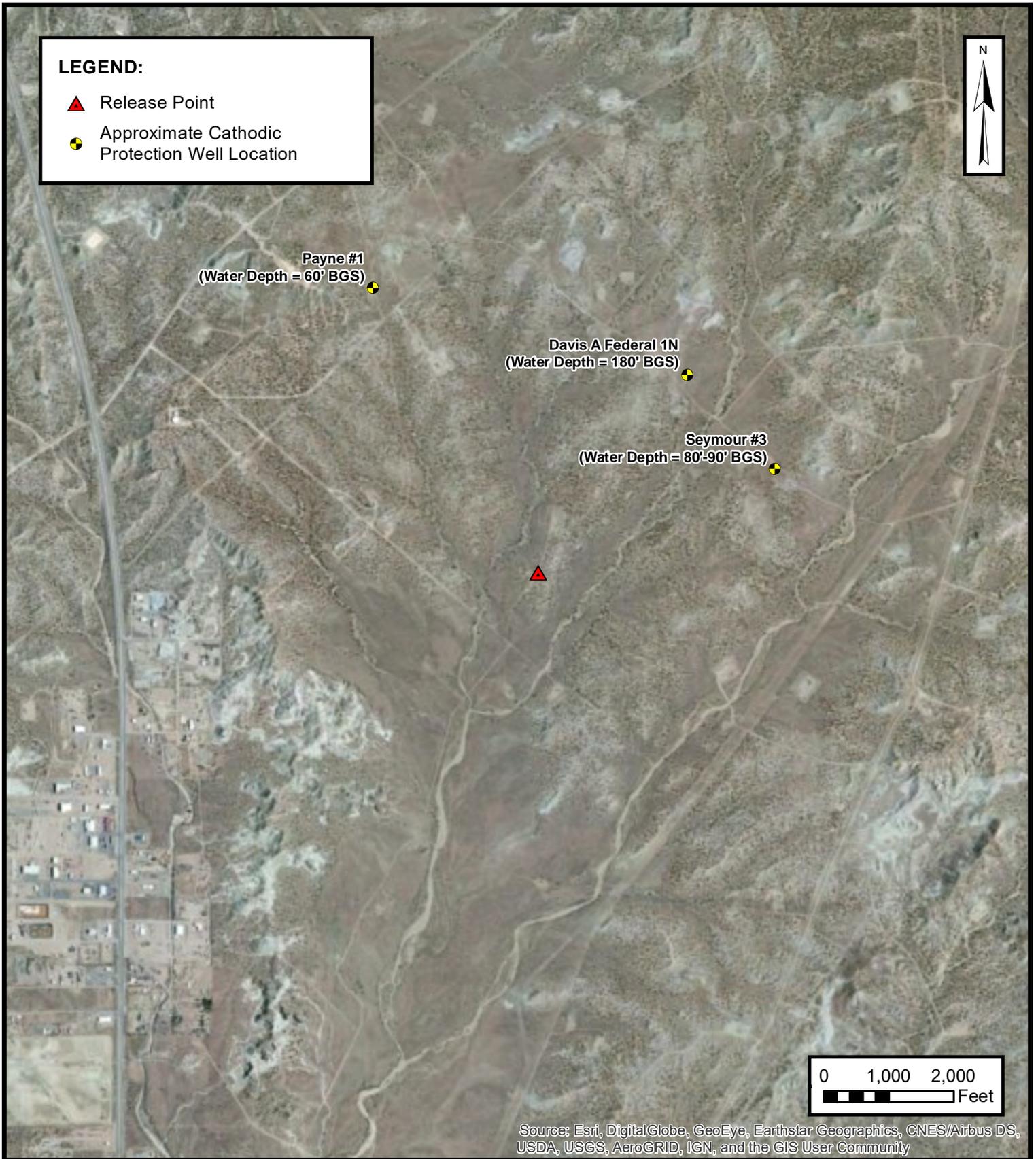
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1.0 MILE RADIUS WATER WELL/ POD LOCATION MAP

ENTERPRISE FIELD SERVICES, LLC
 WOOD #2 (9/1/21)
 Unit Letter G, S35 T30N R11W, San Juan County, New Mexico
 36.769485° N, 107.958157° W

PROJECT NUMBER: 05A1226156

FIGURE
A



LEGEND:

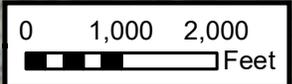
- ▲ Release Point
- Approximate Cathodic Protection Well Location



Payne #1
(Water Depth = 60' BGS)

Davis A Federal 1N
(Water Depth = 180' BGS)

Seymour #3
(Water Depth = 80'-90' BGS)

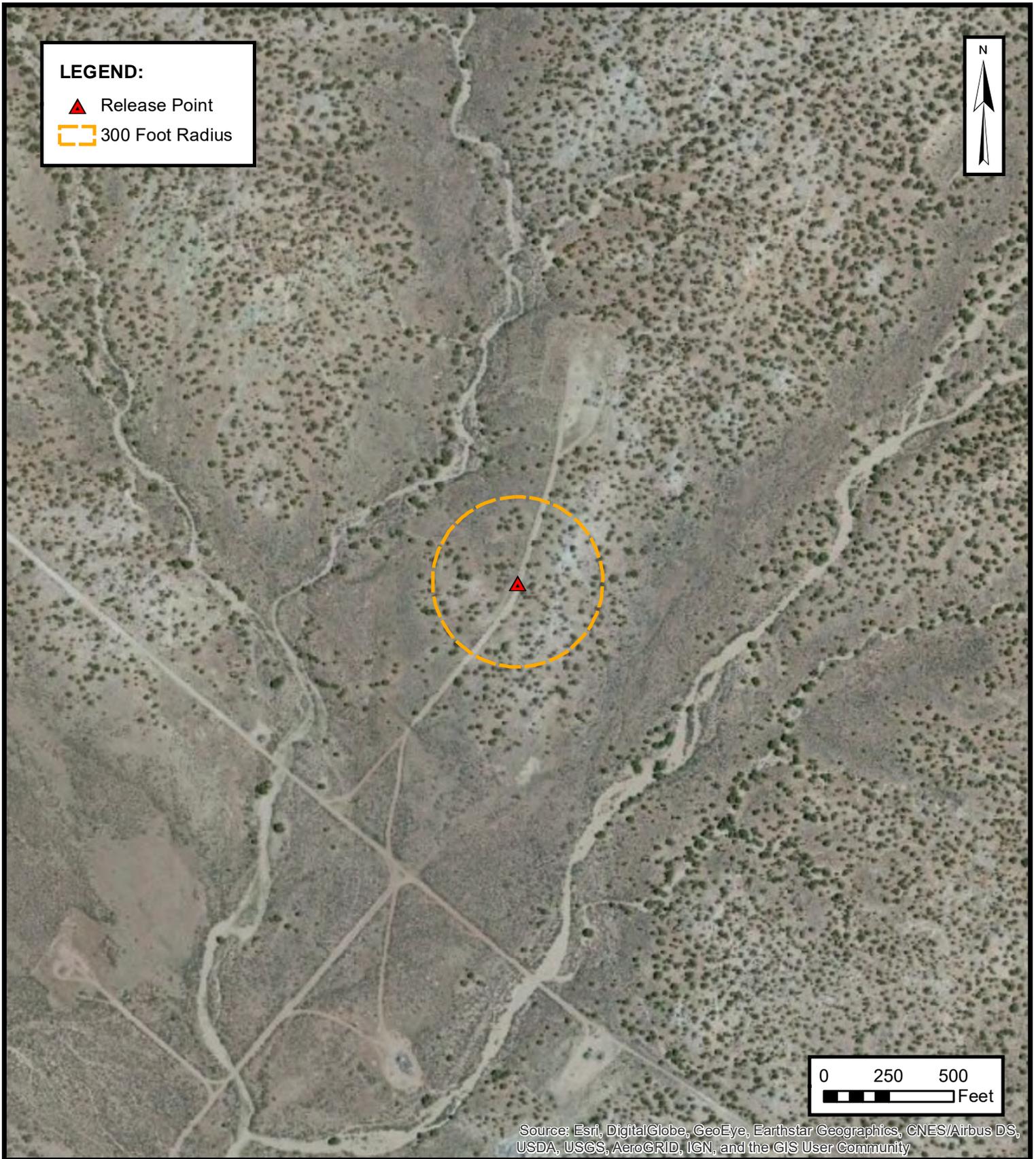


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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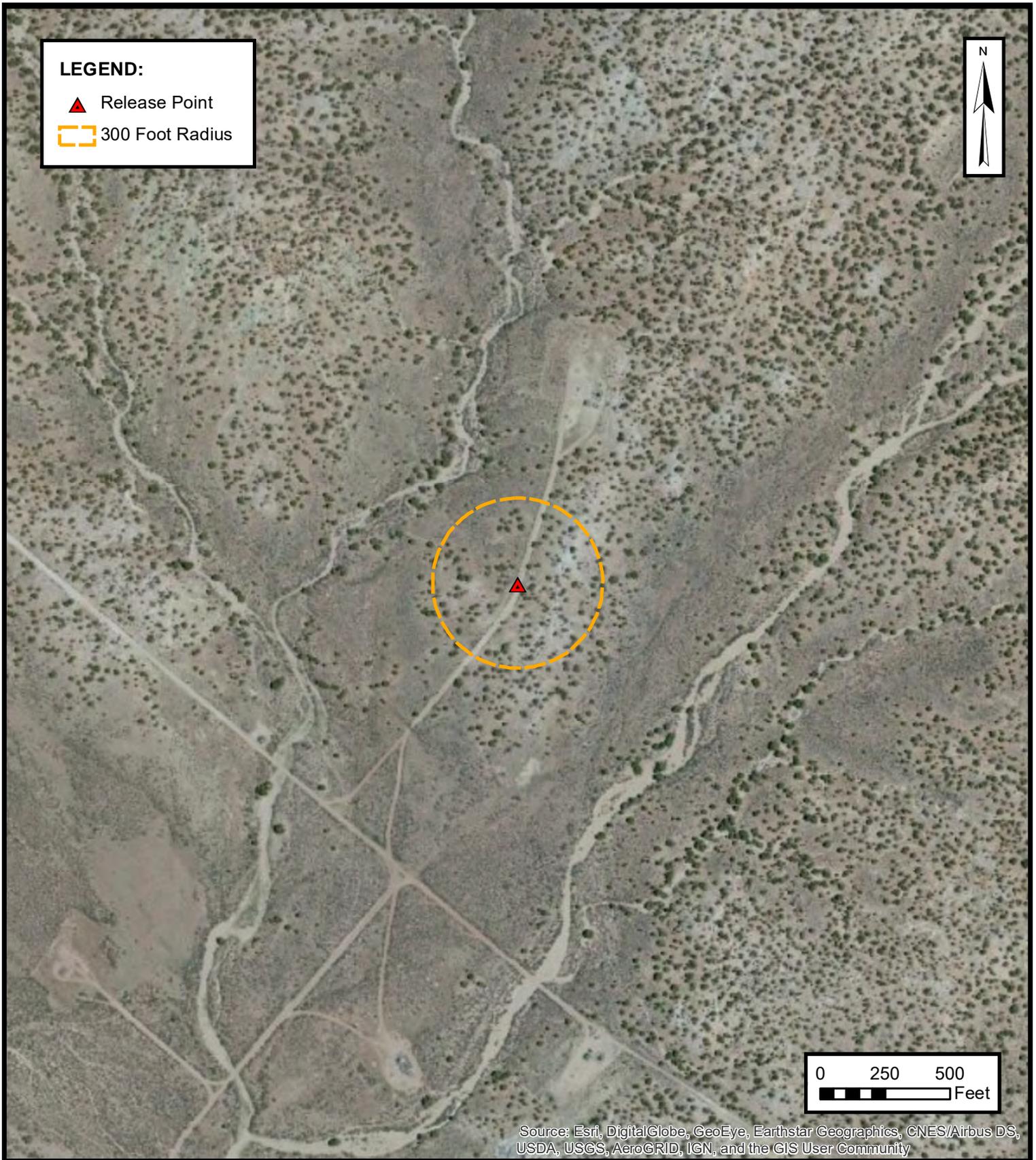
**CATHODIC PROTECTION WELL RECORDED
DEPTH TO WATER**
 ENTERPRISE FIELD SERVICES, LLC
 WOOD #2 (9/1/21)
 Unit Letter G, S35 T30N R11W, San Juan County, New Mexico
 36.769485° N, 107.958157° W
 PROJECT NUMBER: 05A1226156

**FIGURE
B**



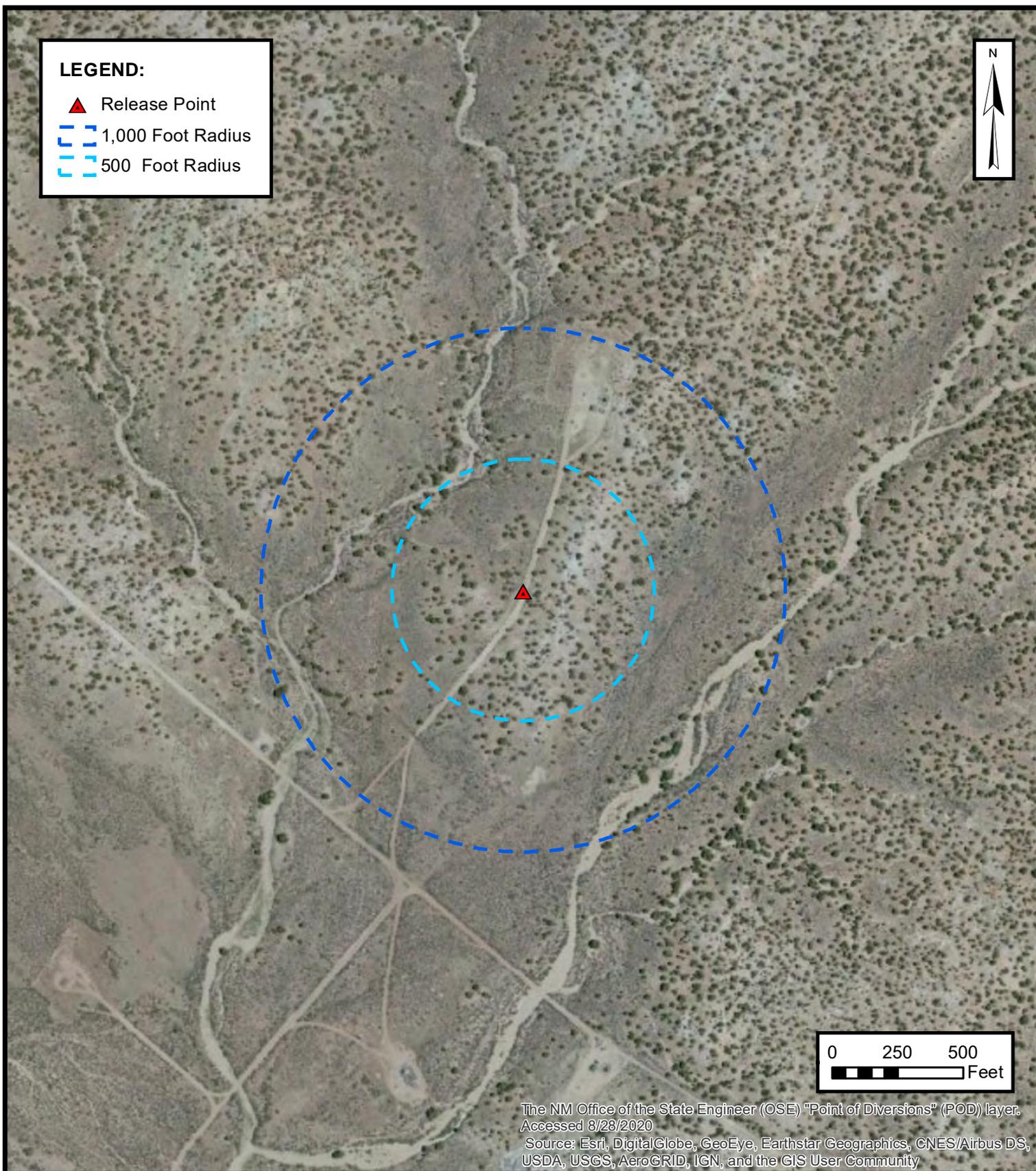
**300 FOOT RADIUS
WATERCOURSE AND DRAINAGE IDENTIFICATION**
ENTERPRISE FIELD SERVICES, LLC
WOOD #2 (9/1/21)
Unit Letter G, S35 T30N R11W, San Juan County, New Mexico
36.769485° N, 107.958157° W
PROJECT NUMBER: 05A1226156

**FIGURE
C**



**300 FOOT RADIUS
OCCUPIED STRUCTURE IDENTIFICATION**
ENTERPRISE FIELD SERVICES, LLC
WOOD #2 (9/1/21)
Unit Letter G, S35 T30N R11W, San Juan County, New Mexico
36.769485° N, 107.958157° W
PROJECT NUMBER: 05A1226156

**FIGURE
D**

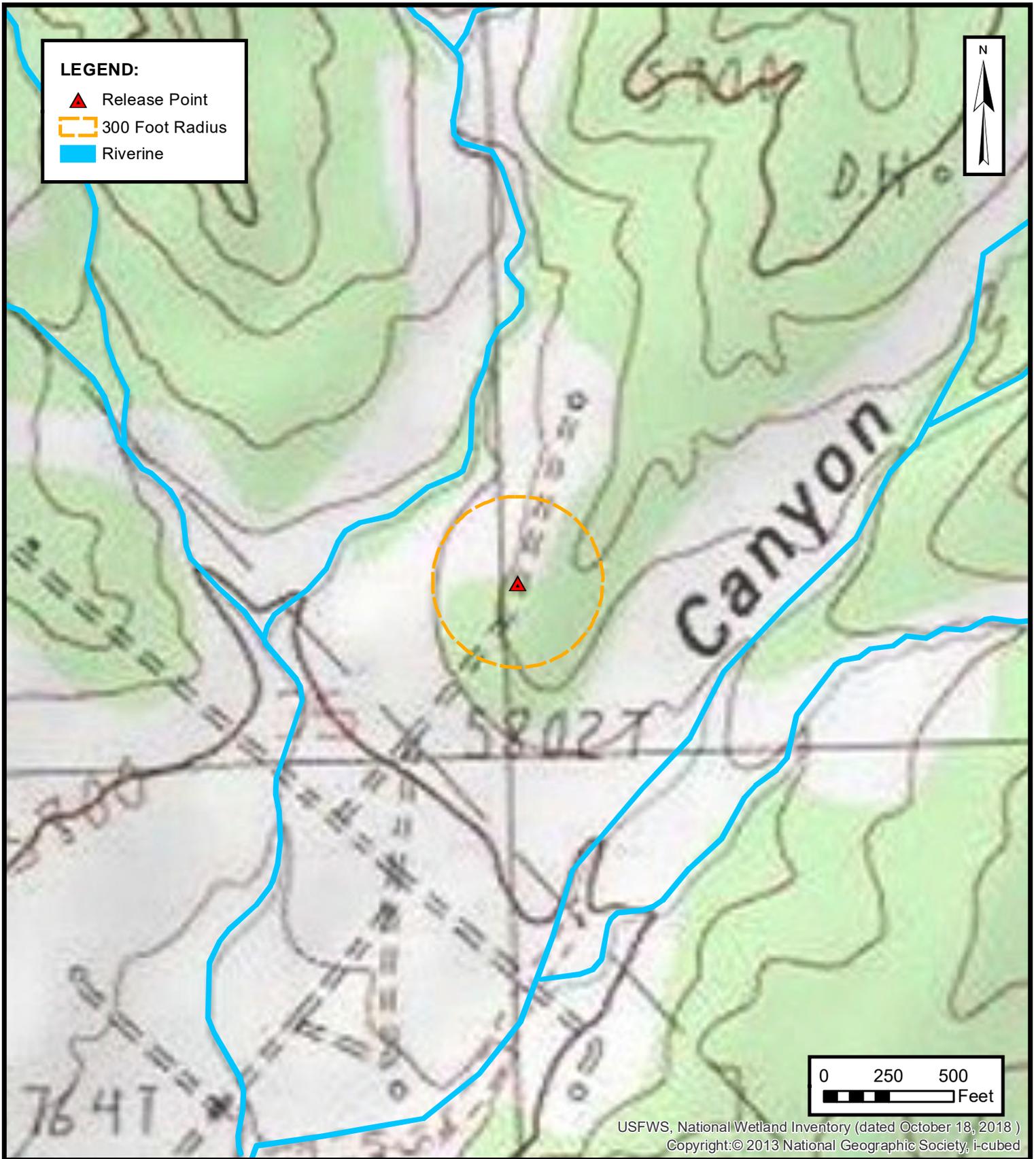


WATER WELL AND NATURAL SPRING LOCATION

ENTERPRISE FIELD SERVICES, LLC
 WOOD #2 (9/1/21)
 Unit Letter G, S35 T30N R11W, San Juan County, New Mexico
 36.769485° N, 107.958157° W

PROJECT NUMBER: 05A1226156

FIGURE
E



USFWS, National Wetland Inventory (dated October 18, 2018)
 Copyright:© 2013 National Geographic Society, i-cubed

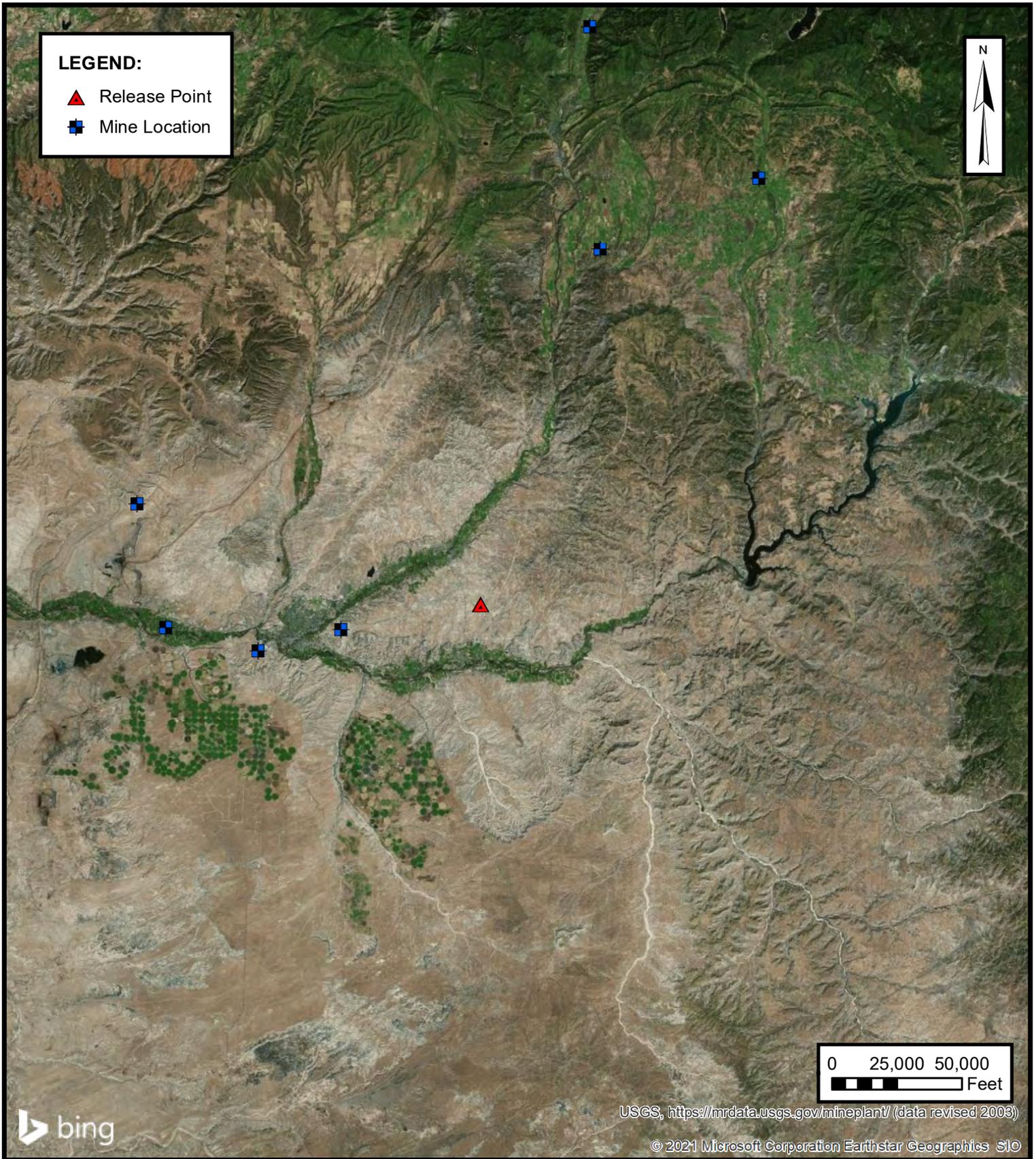
ENSOLUM
 Environmental & Hydrogeologic Consultants

WETLANDS

ENTERPRISE FIELD SERVICES, LLC
 WOOD #2 (9/1/21)
 Unit Letter G, S35 T30N R11W, San Juan County, New Mexico
 36.769485° N, 107.958157° W

PROJECT NUMBER: 05A1226156

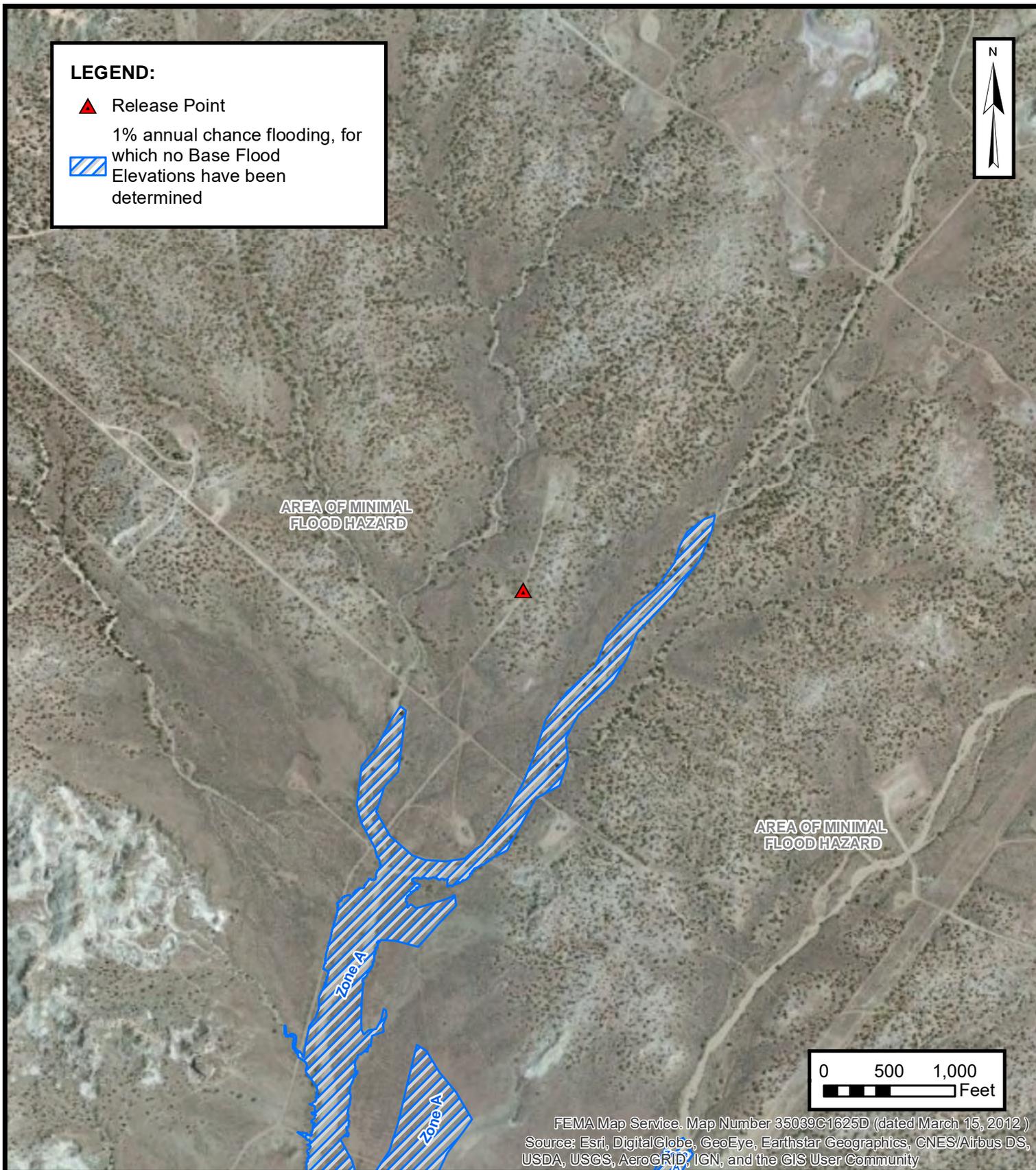
FIGURE
F



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MINES, MILLS AND QUARRIES
 ENTERPRISE FIELD SERVICES, LLC
 WOOD #2 (9/1/21)
 Unit Letter G, S35 T30N R11W, San Juan County, New Mexico
 36.769485° N, 107.958157° W
 PROJECT NUMBER: 05A1226156

FIGURE
G



100-YEAR FLOOD PLAIN MAP

ENTERPRISE FIELD SERVICES, LLC
 WOOD #2 (9/1/21)
 Unit Letter G, S35 T30N R11W, San Juan County, New Mexico
 36.769485° N, 107.958157° W

PROJECT NUMBER: 05A1226156

FIGURE

H



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

(R=POD has been replaced,
 O=orphaned,
 C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE)
 (quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
SJ 03841 POD10	SJ	SJ		3	34			30N	11W	261236	4075354	42	30	12

Average Depth to Water: **30 feet**
 Minimum Depth: **30 feet**
 Maximum Depth: **30 feet**

Record Count: 1

PLSS Search:

Section(s): 35, 25, 26, 27, 34, 36 **Township:** 30N **Range:** 11W

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.



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

No records found.

PLSS Search:

Section(s): 1, 2, 3

Township: 29N

Range: 11W

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.

9/8/21 10:02 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

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

Operator BURLINGTON RESOURCES Location: Unit Q Sec. 36 Twp 30 Rng 11

Name of Well/Wells or Pipeline Serviced SEYOUR COM # 3 30-045-29509

Elevation _____ Completion Date 6-26-98 Total Depth 300 Land Type 5

Casing Strings, Sizes, Types & Depths _____
20' 8" PVC

If Casing Strings are cemented, show amounts & types used _____
NONE

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. _____
80'-90' 3 GAL PER MIN.

Depths gas encountered: _____
NONE

Ground bed depth with type & amount of coke breeze used: _____
300' 1600# SW LAROSCO

Depths anodes placed: 180-190-198-200-230-235-265-270

Depths vent pipes placed: 0-270

Vent pipe perforations: 170-270

Remarks: _____

RECEIVED
MAR - 9 1999
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.

TIERRA DYNAMIC COMPANY			DEEP WELL GROUNDLOG DATA SHEET												
COMPANY NAME: <u>BURLINGTON RESOURCES</u>			Ls E-2526-16												
WELL NAME: <u>SEVEN COM # 3</u>															
LEGAL LOCATION: <u>36-30-11</u>			COUNTY: <u>SAN JUAN NM</u>												
DATE: <u>6-26-98</u>			TYPE OF COKE: <u>SW</u>												
DEPTH: <u>300</u>			AMT. OF COKE BACKFILL: <u>1600</u>												
BIT SIZE: <u>6 1/8</u>			VENT PIPE: <u>0-770</u>												
DRILLER NAME: <u>MACEA</u>			PERF. PIPE: <u>170-270</u>												
SIZE AND TYPE OF CASING: <u>20' 8" PVC</u>			ANODE AMT. & TYPE: <u>8</u>												
			BOULDER DRILLING:												
DEPTH			DEPTH			DEPTH			COMPLETION INFORMATION:						
FT.	LOG	ANODE	FT.	LOG	ANODE	FT.	LOG	ANODE	WATER DEPTHS: <u>80'-90'</u>						
									ISOLATION PLUGS:						
100	1.5		265	1.9		430									
105	1.3		270	2.2		435						OUTPUT	OUTPUT		
110	1.3		275	1.9		440						ANODE#	DEPTH	NO COK	COKED
115	1.4		280	1.7		445			1	270	2.1	8.0			
120	1.4		285	1.3		450			2	265	2.1	7.9			
125	1.2		290	1.7		455			3	235	2.1	7.9			
130	.7		295	1.7		460			4	290	2.9	8.2			
135	1.6		300			465			5	200	2.0	8.3			
140	2.4		305			470			6	195	2.0	7.5			
145	2.0		310			475			7	190	2.0	7.6			
150	1.9		315			480			8	180	2.0	7.2			
155	1.8		320			485			9						
160	1.7		325			490			10						
165	1.9		330			495			11						
170	1.9		335			500			12						
175	2.1		340			505			13						
180	1.7		345			510			14						
185	2.1		350			515			15						
190	2.0		355			520			16						
195	2.1		360			525			17						
200	2.0		365			530			18						
205	2.0		370			535			19						
210	1.9		375			540			20						
215	1.6		380			545			21						
220	2.0		385			550			22						
225	2.0		390			555			23						
230	2.1		395			560			24						
235	2.1		400			565			25						
240	1.3		405			570			26						
245	1.7		410			575			27						
250	1.8		415			580			28						
255	1.8		420			585			29						
260	1.9		425			590			30						
						595									

LOGGING VOLTS: 11.5 VOLTAGE SOURCE: BAT
 TOTAL AMPS: ~~23.5~~ 23.5 TOTAL G/B RESISTANCE: 0.493
 REMARKS:

OCD CATHODIC PROTECTION DEEPWELL GROUND BED REPORT DATA SHEET: NORTHWESTERN NEW MEXICO

SUBMIT 2 COPIES TO O.C.D. AZTEC OFFICE

OPERATC Burlington
FARMINGTON, NM 87401
PHONE: 599-3400

LOCATION INFORMATION

API NUMBER: **3004535290**

WELL NAME OR PIPELINE SERVED: **DAVIS A FEDERAL 1N** LEGAL LOCATION: **25 30N 11W** INSTALLATION DATE: **12/17/2012**

PPCO. RECTIFIER NO.: **10609W** ADDITIONAL WELLS:

TYPE OF LEASE: LEASE NUMBER: **SF-080869**

GROUND BED INFORMATION

TOTAL DEPTH: **300'** CASING DIAMETER: **8"** TYPE OF CASING: **PVC** CASING DEPTH: **20'** CASING CEMENTED

TOP ANODE DEPTH: **167'** BOTTOM ANODE DEPTH: **275'**

ANODE DEPTHS: **167, 179, 191, 203, 215, 215, 227, 239, 251, 263, 275,**

AMOUNT OF COKE: **50 BAGS**

WATER INFORMATION

WATER DEPTH (1): **180' - 300'** WATER DEPTH (2):

GAS DEPTH: CEMENT PLUGS:

RCVD JAN 23 '13
OIL CONS. DIV.
DIST. 3

OTHER INFORMATION

TOP OF VENT PERFORATIONS: **160'** VENT PIPE DEPTH: **300'**

REMARKS:
COKE DEPTH:150'

IF ANY OF THE ABOVE INFORMATION IS UNAVAILABLE, PLEASE INDICATE SO. COPIES OF ALL LOGS, INCLUDING DRILLERS LOGS, WATER ANALYSIS, AND WELL BORE SCHEMATICS SHOULD BE SUBMITTED WHEN AVAILABLE. UNPLUGGED UNABANDONED 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.

ca

Wednesday, Nov

Page 1 of 1

COMPANY: CONOCO PHILLIPS
 COMPANY REP.: JOHN TAFOYA
 LOCATION: DAVIS A FEDERAL 1/N
 JOB NO.: 340140387
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 12/17/2012
 DIA. HOLE: 7 7/8
 DEPTH: 300'
 COKE TYPE: SW
 # OF COKE: 50 BAGS
 # OF BENTONITE: 0

CASING: SCH40 PVC
 DIAMETER: 7 7/8
 CASING DEPTH: 20'
 # OF ANODES: 10
 ANODE TYPE: 2284Z
 ANODE LEAD: HWMPE #8



RECTIFIER MFG: _____
 MODEL: _____
 SERIAL #: _____
 V-DC: _____ A-DC: _____

WELL LOG										ANODE PLACEMENT			
DEPTH FT.	DRILLERS LOG - SOIL TYPE	VOLTS	AMPS	COMMENTS / ANODE #	DEPTH FT.	DRILLERS LOG - SOIL TYPE	VOLTS	AMPS	COMMENTS / ANODE #	ANODE NO.	ANODE DEPTH	AMPS W/O COKE	AMPS W/ COKE
0	CLAY	13.40		CASING	250	SHALE		3.20	#3-251	1	275	4.40	7.50
5	CLAY			CASING	255	SHALE		3.20		2	263	3.10	6.90
10	CLAY			CASING	260	SHALE		4.00		3	251	7.50	11.60
15	CLAY			CASING	265	GRAY SANDY SHALE		5.30	#2-263	4	239	7.00	12.00
20	CLAY			CASING	270	GRAY SANDY SHALE		7.10		5	227	5.40	8.90
25	GRAY SANDSTONE				275	GRAY SANDY SHALE		6.60	#1-275	6	215	5.20	10.30
30	GRAY SANDSTONE				280	GRAY SANDY SHALE				7	203	3.90	8.50
35	GRAY SANDSTONE				285	GRAY SANDY SHALE				8	191	4.10	8.70
40	GRAY SANDSTONE				290	GRAY SANDY SHALE				9	179	4.20	8.40
45	GRAY SANDSTONE				295	GRAY SANDY SHALE				10	167	4.40	7.00
50	GRAY SANDSTONE				300	GRAY SANDY SHALE				11			
55	GRAY SANDSTONE				305					12			
60	GRAY SANDSTONE				310					13			
65	GRAY SANDSTONE				315					14			
70	GRAY SANDSTONE				320					15			
75	GRAY SANDSTONE				325					16			
80	GRAY SANDSTONE		2.70		330					17			
85	GRAY SANDSTONE W/SOME SHALE		3.50		335					18			
90	GRAY SANDSTONE W/SOME SHALE		2.90		340					19			
95	GRAY SANDSTONE W/SOME SHALE		3.10		345					20			
100	GRAY SANDSTONE W/SOME SHALE		3.60		350					21			
105	GRAY SANDSTONE		2.90		355					22			
110	GRAY SANDSTONE		5.50		360					23			
115	GRAY SANDSTONE		5.30		365					24			
120	GRAY SANDSTONE		5.00		370					25			
125	GRAY SANDSTONE		4.70		375								
130	GRAY SANDSTONE		4.90		380								
135	GRAY SANDSTONE		5.00		385								
140	GRAY SANDSTONE		4.90		390								
145	GRAY SANDSTONE		6.10		395								
150	GRAY SANDSTONE		4.90		400								
155	GRAY SANDSTONE		4.60		405								
160	GRAY SANDSTONE		4.10		410								
165	GRAY SANDSTONE		4.20	#10-167	415								
170	GRAY SANDSTONE		4.10		420								
175	GRAY SANDSTONE		4.10		425								
180	GRAY SANDSTONE		4.10	#9-179	430								
185	GRAY SANDSTONE		4.00		435								
190	GRAY SANDSTONE		4.10	#8-191	440								
195	WATER/SAND		4.20		445								
200	WATER/SAND		4.20		450								
205	WATER/SAND		5.50	#7-203	455								
210	WATER/SAND		6.40		460								
215	WATER/SAND		5.50	#6-215	465								
220	WATER/SAND		5.90		470								
225	SHALE		6.70	#5-227	475								
230	SHALE		6.90		480								
235	SHALE		7.20		485								
240	SHALE		6.80	#4-239	490								
245	SHALE		6.40		495								

TD: 292'
 VENT PIPE DEPTH: 303'

GROUND BED RESISTANCE
 TOTAL VOLTS: 13.40
 TOTAL AMPS: 36.60
0.37 OHMS

SITE ELEVATION: 5906'
 WATER CONDUCTIVITY:
 COKE LEVEL: 150'
 EXTRA CASING USED:
 ADDITIONAL COMMENTS: INJECT WATER 180' - 300'

30-045-09K19

3897

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL INC. Location: Unit L Sec. 26 Twp 30 Rng 11

Name of Well/Wells or Pipeline Serviced PAYNE #1
cps 1947w

Elevation 5928' Completion Date 5/16/88 Total Depth 400' Land Type* N/A

Casing, Sizes, Types & Depths 20' OF 8" PVC CASING

If Casing is cemented, show amounts & types used N/A

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

Depths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. 60'

Depths gas encountered: 350'

Type & amount of coke breeze used: N/A

Depths anodes placed: 365', 350', 305', 275', 265', 255', 225', 205', 195', 180'

Depths vent pipes placed: 395'

Vent pipe perforations: 360'

Remarks: gb #1 HOLE MAKING GAS AND WATER OUT OF VENT PIPE. INSTALLED 1" VALVE ON VENT PIPE.

RECEIVED
MAY 8 11 1991
OIL CON. DIV.
DIST. 9

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.

CATHODIC PROTECTION CONSTRUCTION REPORT

DAILY LOG

Drilling Log (Attach Here)

RFE
G 031

COMP
6-20-22

Completion Date: 5/16/22

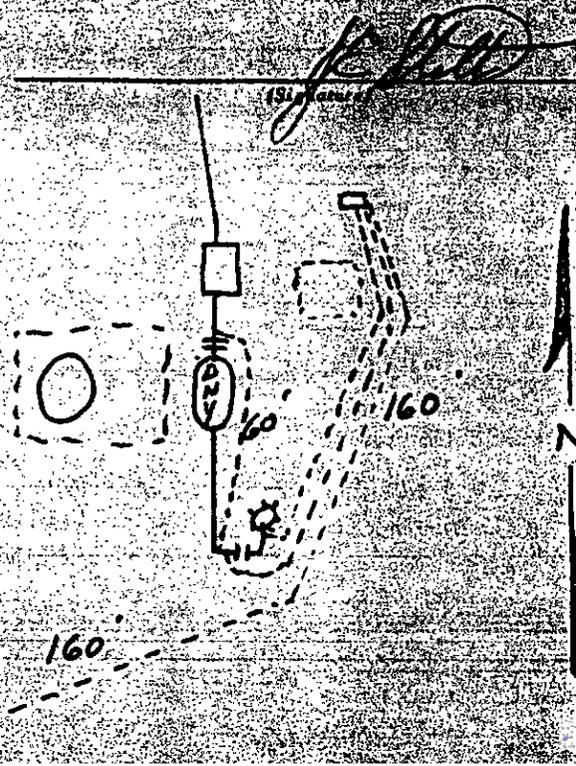
CP#	Well Name, Line or Phase	Work Order #	Station	Surf Elevation
1947W	PAYNE "1"	48583A	600' W = 95V	<input type="checkbox"/> <input type="checkbox"/>
Location: L-26-30-11		Anode Size: 2" X 6"	Anode Type: DURATION	Size Dia: 6 3/4"
Depth Drilled: 400'	Depth Logged: 395'	Drilling Rig Type:	Total Lbs. Cable Used:	Line Connections Made:
Anode Depth				
#1 365'	#2 350'	#3 305'	#4 275'	#5 265'
#6 255'	#7 220'	#8 205'	#9 190'	#10 180'
Anode Output (Amps)				
#1 5.9	#2 6.6	#3 6.0	#4 5.6	#5 7.3
#6 7.2	#7 7.0	#8 6.9	#9 8.2	#10 7.2
Anode Depth				
#11	#12	#13	#14	#15
#16	#17	#18	#19	#20
Anode Output (Amps)				
#11	#12	#13	#14	#15
#16	#17	#18	#19	#20
Total Circuit Resistance:			No. of C.P. Cable Used:	
Volts: 11.79V	Amps: 24.8A	Ohms: .34		

Remarks: WATER AT 60', TOOK WATER SAMPLE. HIT GAS AGAIN AT 250'.
 INSTALLED 395' OF 1" P.V.C. VENT PIPE, PERFORATED 360'.
 HOLE WAS MAKING GAS & WATER OUT VENT PIPE, WHEN IT WAS COMPLETED. SET 20' OF 8" P.V.C. CASINGS, LEFT COKE BREEZE DOWN 20', IN HOLE, & INSTALLED 1" VALVE ON VENT PIPE

G.B. - \$4074.00

Rectifier Size: 40 V 16 A	669.00
Add'l Depth	
Depth Credit: -105	-367.50
Extra Cable: 360	86.40
Ditch & I Cable: 320 380	224.00 266.00
25' Meter Pole: -	
20' Meter Pole: 1	297.00
10' Stub Pole: -	
Junction Box: 1	225.00
20' of 8" P.V.C. CASINGS	100.00
1 Hr. setting Time	138.00
	5487.90
TAX	274.40
	\$ 5762.30

All Construction Completed



5028

Company

Meridian oil

Well No. DAYNE #1

Location L-20-30-11

Volts Applied 11.79

Amperes 342

5			230	2.4		455			680		
10			235	3.0		460			685		
15			240	2.8		465			690	1.4	
20			245	2.7		470			695	2.3	
25			250	2.6		475			700	3.3	
30			255	4.0	(6)	480			705	4.2	
35			260	4.6		485			710	5.2	
40			265	4.2	(5)	490			715	6.2	
45			270	3.5		495			720	7.2	
50			275	3.6	(4)	500			725	8.2	
55			280	3.2		505			730	9.2	
60	2.6	WATER	285	2.9		510			735	10.2	
65	2.4		290	2.7		515			740		
70	2.2		295	2.7		520			745		
75	2.0		300	2.9		525			750		
80	1.9		305	4.1	(3)	530			755		
85	1.7		310	3.4		535			760		
90	1.4		315	3.1		540			765		
95	1.4		320	2.7		545			770		
100	1.4		325	2.4		550			775		
105	2.0		330	2.2		555			780		
110	2.1		335	2.5		560			785		
115	1.9		340	2.4		565			790		
120	1.8		345	2.2		570			795		
125	1.7		350	4.0	(2)	575			800		
130	2.0		355	2.9		580			805		
135	2.4		360	3.2		585			810		
140	2.9		365	3.2	(1)	590			815		
145	3.0		370	3.5		595			820		
150	3.1		375	3.4		600			825		
155	3.4		380	3.4		605			830		
160	2.5		385	2.8		610			835		
165	3.5		390	2.8		615			840		
170	3.4		395		T.D	620			845		
175	3.2		400		Drilled To	625			850		
180	3.8	(10)	405			630			855		
185	3.6		410			635			860		
190	3.8		415			640			865		
195	4.0	(9)	420			645			870		
200	4.1		425			650			875		
205	4.0	(8)	430			655			880		
210	2.5		435			660			885		
215	3.7		440			665			890		
220	4.0	(7)	445			670			895		
225	3.6		450			675			900		

D. CIASS DRILLING CO. 1947

Drill No. 3

DRILLER'S WELL LOG

S. P. No. Payne No 1 Date 5-15-88
Client Meridian Oil Co. Prospect _____
County SAN JUAN State New Mexico

If hole is a redrill or if moved from original staked position show distance and direction moved: _____

FROM	TO	FORMATION — COLOR — HARDNESS
0	40	SOFT SANDSTONE
40	80	SHALE
80	150	SANDSTONE
150	250	SHALE
250	260	SANDSTONE
260	290	SHALE
290	310	SANDSTONE
310	340	SANDY SHALE
340	360	SANDSTONE
360	400	SHALE

Mud _____ Bran _____ Lime

Rock Bit Number _____ Make _____

Remarks: Water @ 60'

Set 25' OF CASING 1 Hr.

Driller: Ronnie Brown



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.
97057-1125

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Generator Name and Address:
Enterprise Field Services, LLC, 614 Reilly Ave, Farmington NM 87401
PayKey: RB21200
PM: Matt Melvin
AFE: N55025

2. Originating Site:
Wood #2

3. Location of Material (Street Address, City, State or ULSTR):
UL G Section 35 T30N R11W; 36.769485, -107.958157
Sept 2021

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) 58 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* 9-14-2021, representative for Enterprise Products Operating authorizes Envirotech, Inc. to complete
Generator Signature
the required testing/sign the Generator Waste Testing Certification.

I, _____, 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: ~~OET~~ Bailey's STAN Horn

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: _____
Surface Waste Management Facility Authorized Agent

TITLE: Enviro Manager
TELEPHONE NO.: _____
505-632-0615

DATE: 9/14/21



APPENDIX D

Photographic Documentation

SITE PHOTOGRAPHS

Closure Report
Enterprise Field Services, LLC
Wood #2 (9/01/21)
Ensolum Project No. 05A1226156



<p>Photograph 1</p> <p>Photograph Description: View of the initial excavation activities.</p>	 A close-up photograph of an excavation site. The ground is light-colored, sandy soil with some darker patches. A blue and black object, possibly a tool or part of a machine, is lying on the ground. The background shows more of the excavated area.
<p>Photograph 2</p> <p>Photograph Description: View of the final excavation.</p>	 A photograph showing a large, deep excavation pit. A yellow Deere excavator is visible at the top of the pit, with its arm and bucket extended. The soil is light brown and appears to be in the final stages of excavation. The background shows some green vegetation and a clear sky.
<p>Photograph 3</p> <p>Photograph Description: View of the site after initial restoration.</p>	 A wide-angle photograph of a site after initial restoration. The ground is sandy and shows tire tracks. In the center, there is a red safety fence or barrier. The background features a clear blue sky, some trees, and a dirt road.



APPENDIX E

Regulatory Correspondence

From: [Long, Thomas](#)
To: "[Smith, Cory, EMNRD \(Cory.Smith@state.nm.us\)](#)"; rjoyner@blm.gov
Cc: [Stone, Brian](#)
Subject: FW: Wood #2 Pipeline- UL G Section 35 T30N R11W; 36.769485, -107.958157 - Incident # nAPP2125739917
Date: Monday, September 20, 2021 7:17:00 AM
Attachments: [Wood #2 Site Drawing & Sample locations.jpg](#)
[Wood 2.pdf](#)

Cory/Ryan,

Please find the attached site sketch and lab report for the Wood #2 excavation. All sample results are below the NMOCD Tier remediation standard. Enterprise will backfill the excavation with clean imported fill material. 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



From: Long, Thomas
Sent: Tuesday, September 14, 2021 11:50 AM
To: 'Smith, Cory, EMNRD (Cory.Smith@state.nm.us)' <Cory.Smith@state.nm.us>; 'rjoyner@blm.gov' <rjoyner@blm.gov>
Cc: Stone, Brian <bmstone@eprod.com>
Subject: Wood #2 Pipeline- UL G Section 35 T30N R11W; 36.769485, -107.958157 - Incident # nAPP2125739917

Cory/Ryan,

This email is a notification the Enterprise will be collecting soil samples at the Wood #2 pipeline excavation on Thursday, September 16, 2021 at 0900. 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





APPENDIX F

Table 1 – Soil Analytical Summary



TABLE 1 Woods #2 (9/1/21) SOIL ANALYTICAL SUMMARY													
Sample I.D.	Date	Sample Type	Sample Depth	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX ¹	TPH GRO	TPH DRO	TPH MRO	Total Combined TPH (GRO/DRO/MRO) ¹	Chloride
		C- Composite G - Grab	(feet)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
New Mexico Energy, Mineral & Natural Resources Department Oil Conservation Division Closure Criteria (Tier I)				10	NE	NE	NE	50				100	600
Excavation Composite Soil Samples													
S-1	9.16.21	C	4	<0.021	<0.043	<0.043	<0.086	ND	<4.3	<9.7	<49	ND	<60
S-2	9.16.21	C	0 to 4	<0.021	<0.041	<0.041	0.22	0.22	6.0	9.7	<48	16	<60
S-3	9.16.21	C	0 to 4	0.15	1.2	0.33	2.6	4.3	49	44	<48	93	<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)

NA = Not Analyzed

NE = Not established

mg/kg = milligram 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



APPENDIX G

Laboratory Data Sheets & Chain of Custody Documentation



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

September 22, 2021

Kyle Summers

ENSOLUM

606 S. Rio Grande Suite A

Aztec, NM 87410

TEL: (903) 821-5603

FAX

RE: Wood 2

OrderNo.: 2109890

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 3 sample(s) on 9/17/2021 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,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a white background.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order **2109890**

Date Reported: **9/22/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM

Client Sample ID: S-1

Project: Wood 2

Collection Date: 9/16/2021 9:00:00 AM

Lab ID: 2109890-001

Matrix: MEOH (SOIL)

Received Date: 9/17/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	9/17/2021 10:08:29 AM	62652
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	9/17/2021 9:35:13 AM	62646
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/17/2021 9:35:13 AM	62646
Surr: DNOP	96.1	70-130		%Rec	1	9/17/2021 9:35:13 AM	62646
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.3		mg/Kg	1	9/17/2021 11:23:59 AM	62641
Surr: BFB	112	70-130		%Rec	1	9/17/2021 11:23:59 AM	62641
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.021		mg/Kg	1	9/17/2021 11:23:59 AM	62641
Toluene	ND	0.043		mg/Kg	1	9/17/2021 11:23:59 AM	62641
Ethylbenzene	ND	0.043		mg/Kg	1	9/17/2021 11:23:59 AM	62641
Xylenes, Total	ND	0.086		mg/Kg	1	9/17/2021 11:23:59 AM	62641
Surr: 4-Bromofluorobenzene	90.0	70-130		%Rec	1	9/17/2021 11:23:59 AM	62641

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 Value above quantitation range
	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 Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

Analytical Report

Lab Order **2109890**

Date Reported: **9/22/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM

Client Sample ID: S-2

Project: Wood 2

Collection Date: 9/16/2021 9:05:00 AM

Lab ID: 2109890-002

Matrix: MEOH (SOIL)

Received Date: 9/17/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	9/17/2021 10:20:53 AM	62652
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	9.7	9.5		mg/Kg	1	9/17/2021 9:44:56 AM	62646
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/17/2021 9:44:56 AM	62646
Surr: DNOP	92.1	70-130		%Rec	1	9/17/2021 9:44:56 AM	62646
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	6.0	4.1		mg/Kg	1	9/17/2021 11:47:32 AM	62641
Surr: BFB	140	70-130	S	%Rec	1	9/17/2021 11:47:32 AM	62641
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.021		mg/Kg	1	9/17/2021 11:47:32 AM	62641
Toluene	ND	0.041		mg/Kg	1	9/17/2021 11:47:32 AM	62641
Ethylbenzene	ND	0.041		mg/Kg	1	9/17/2021 11:47:32 AM	62641
Xylenes, Total	0.22	0.083		mg/Kg	1	9/17/2021 11:47:32 AM	62641
Surr: 4-Bromofluorobenzene	95.1	70-130		%Rec	1	9/17/2021 11:47:32 AM	62641

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	Value above quantitation range
	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 Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order **2109890**

Date Reported: **9/22/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM

Client Sample ID: S-3

Project: Wood 2

Collection Date: 9/16/2021 9:10:00 AM

Lab ID: 2109890-003

Matrix: MEOH (SOIL)

Received Date: 9/17/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	9/17/2021 10:33:18 AM	62652
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	44	9.5		mg/Kg	1	9/17/2021 9:54:40 AM	62646
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/17/2021 9:54:40 AM	62646
Surr: DNOP	90.6	70-130		%Rec	1	9/17/2021 9:54:40 AM	62646
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	49	4.9		mg/Kg	1	9/17/2021 12:11:10 PM	62641
Surr: BFB	310	70-130	S	%Rec	1	9/17/2021 12:11:10 PM	62641
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	0.15	0.025		mg/Kg	1	9/17/2021 12:11:10 PM	62641
Toluene	1.2	0.049		mg/Kg	1	9/17/2021 12:11:10 PM	62641
Ethylbenzene	0.33	0.049		mg/Kg	1	9/17/2021 12:11:10 PM	62641
Xylenes, Total	2.6	0.098		mg/Kg	1	9/17/2021 12:11:10 PM	62641
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	9/17/2021 12:11:10 PM	62641

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	Value above quantitation range
	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 Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2109890

22-Sep-21

Client: ENSOLUM
Project: Wood 2

Sample ID: MB-62652	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 62652	RunNo: 81356								
Prep Date: 9/17/2021	Analysis Date: 9/17/2021	SeqNo: 2874173	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-62652	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 62652	RunNo: 81356								
Prep Date: 9/17/2021	Analysis Date: 9/17/2021	SeqNo: 2874174	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	96.9	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2109890

22-Sep-21

Client: ENSOLUM

Project: Wood 2

Sample ID: MB-62629	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 62629	RunNo: 81352								
Prep Date: 9/16/2021	Analysis Date: 9/17/2021	SeqNo: 2873417	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	11		10.00		106	70	130			

Sample ID: MB-62646	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 62646	RunNo: 81352								
Prep Date: 9/17/2021	Analysis Date: 9/17/2021	SeqNo: 2873418	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		100	70	130			

Sample ID: LCS-62629	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 62629	RunNo: 81352								
Prep Date: 9/16/2021	Analysis Date: 9/17/2021	SeqNo: 2873420	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.7		5.000		114	70	130			

Sample ID: LCS-62646	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 62646	RunNo: 81352								
Prep Date: 9/17/2021	Analysis Date: 9/17/2021	SeqNo: 2873421	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	10	50.00	0	99.1	68.9	135			
Surr: DNOP	5.6		5.000		113	70	130			

Sample ID: 2109890-001AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S-1	Batch ID: 62646	RunNo: 81352								
Prep Date: 9/17/2021	Analysis Date: 9/17/2021	SeqNo: 2873442	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	5.972	86.5	39.3	155			
Surr: DNOP	5.3		5.000		106	70	130			

Sample ID: 2109890-001AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S-1	Batch ID: 62646	RunNo: 81352								
Prep Date: 9/17/2021	Analysis Date: 9/17/2021	SeqNo: 2873444	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	9.6	48.17	5.972	85.0	39.3	155	4.83	23.4	

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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2109890

22-Sep-21

Client: ENSOLUM

Project: Wood 2

Sample ID: 2109890-001AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S-1	Batch ID: 62646	RunNo: 81352								
Prep Date: 9/17/2021	Analysis Date: 9/17/2021	SeqNo: 2873444			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.0		4.817		105	70	130	0	0	

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| 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 Quantitative Limit | RL Reporting Limit |
| S % Recovery outside of range due to dilution or matrix | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2109890

22-Sep-21

Client: ENSOLUM

Project: Wood 2

Sample ID: mb-62641	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 62641	RunNo: 81363								
Prep Date: 9/16/2021	Analysis Date: 9/17/2021	SeqNo: 2873982	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	1100		1000		111	70	130			

Sample ID: ics-62641	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 62641	RunNo: 81363								
Prep Date: 9/16/2021	Analysis Date: 9/17/2021	SeqNo: 2873985	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	30	5.0	25.00	0	120	78.6	131			
Surr: BFB	1100		1000		115	70	130			

Sample ID: mb-62628	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 62628	RunNo: 81363								
Prep Date: 9/16/2021	Analysis Date: 9/18/2021	SeqNo: 2874049	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		107	70	130			

Sample ID: ics-62628	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 62628	RunNo: 81363								
Prep Date: 9/16/2021	Analysis Date: 9/17/2021	SeqNo: 2874050	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1200		1000		115	70	130			

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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2109890

22-Sep-21

Client: ENSOLUM

Project: Wood 2

Sample ID: mb-62641	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 62641	RunNo: 81363								
Prep Date: 9/16/2021	Analysis Date: 9/17/2021	SeqNo: 2874122	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	0.96		1.000		95.6	70	130			

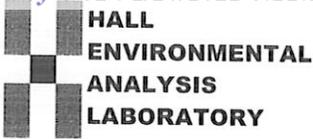
Sample ID: LCS-62641	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 62641	RunNo: 81363								
Prep Date: 9/16/2021	Analysis Date: 9/17/2021	SeqNo: 2874123	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	99.9	80	120			
Toluene	1.0	0.050	1.000	0	101	80	120			
Ethylbenzene	1.0	0.050	1.000	0	99.8	80	120			
Xylenes, Total	2.9	0.10	3.000	0	98.2	80	120			
Surr: 4-Bromofluorobenzene	0.89		1.000		89.2	70	130			

Sample ID: mb-62628	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 62628	RunNo: 81363								
Prep Date: 9/16/2021	Analysis Date: 9/18/2021	SeqNo: 2874132	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.93		1.000		93.4	70	130			

Sample ID: LCS-62628	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 62628	RunNo: 81363								
Prep Date: 9/16/2021	Analysis Date: 9/17/2021	SeqNo: 2874133	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.93		1.000		92.8	70	130			

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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



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

Sample Log-In Check List

Client Name: ENSOLUM Work Order Number: 2109890 RcptNo: 1

Received By: Cheyenne Cason 9/17/2021 7:30:00 AM
Completed By: Sean Livingston 9/17/2021 8:07:15 AM
Reviewed By: JN 9/17/21

Handwritten signatures: Cason, Sean Livingston

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [] Not Present []
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [] NA []
4. Were all samples received at a temperature of >0° C to 6.0°C Yes [checked] No [] NA []
5. Sample(s) in proper container(s)? Yes [checked] No []
6. Sufficient sample volume for indicated test(s)? Yes [checked] No []
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No []
8. Was preservative added to bottles? Yes [] No [checked] NA []
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [] No [] NA [checked]
10. Were any sample containers received broken? Yes [] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No []
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No []
13. Is it clear what analyses were requested? Yes [checked] No []
14. Were all holding times able to be met? Yes [checked] No []

of preserved bottles checked for pH: (<2 or >12 unless noted) Adjusted? Checked by: KPG 9/17/21

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [] No [] NA [checked]

Person Notified: Date: By Whom: Via: eMail Phone Fax In Person Regarding: Client Instructions:

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Rows 1 and 2.

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 73744

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 73744
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	2/23/2022