



## CLOSURE REPORT

Property:

**Canyon Largo #57 (09/26/23)**  
Unit Letter D, S31 T25N R6W  
Rio Arriba County, New Mexico

**New Mexico EMNRD OCD Incident ID No. NAPP2327027386**

**December 12, 2023**

Ensolum Project No. 05A1226276

Prepared for:

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

Prepared by:

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## 1.0 INTRODUCTION

### 1.1 Site Description & Background

<b>Operator:</b>	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)
<b>Site Name:</b>	Canyon Largo #57 (09/26/23) (Site)
<b>NM EMNRD OCD Incident ID No.</b>	NAPP2327027386
<b>Location:</b>	36.36034° North, 107.51457° West Unit Letter D, Section 31, Township 25 North, Range 6 West Rio Arriba County, New Mexico
<b>Property:</b>	United States Bureau of Land Management
<b>Regulatory:</b>	New Mexico (NM) Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

On August 16, 2023, a release of natural gas from the Canyon Largo #57 pipeline was identified by a third party. Enterprise verified a release and subsequently isolated and locked the pipeline out of service. Enterprise initiated activities to repair the pipeline and remediate petroleum hydrocarbon impact. On September 26, 2023, 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. During the evaluation and remediation of the Site, Ensolum, LLC (Ensolum) referenced New Mexico Administrative Code (NMAC) 19.15.29 *Releases*, which establishes investigation and abatement action requirements for oil and gas release sites that are subject to reporting and/or corrective action. The appropriate closure criteria for sites are determined using the siting requirements outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC. Ensolum utilized the general site characteristics and information available from NM state agency databases and federal agency geospatial databases to determine the appropriate closure criteria for the Site. Supporting figures and documentation associated with the following Siting bullets are provided in **Appendix B**.

- The NM Office of the State Engineer (OSE) tracks the usage and assignment of water rights and water well installations and records this information in the Water Rights Reporting System (WRRS) database. Water wells and other points of diversion (PODs) are each assigned POD numbers in the database (which is searchable and includes an interactive map). No PODs with recorded depths to water were identified in the same Public Land Survey System (PLSS) section or in the adjacent PLSS sections (**Figure A, Appendix B**).
- One cathodic protection well (CPW) was identified in the NM EMNRD OCD imaging database in the adjacent PLSS section. This CPW is depicted on **Figure B (Appendix B)**. Documentation for the cathodic protection well located near the Harvey State #10 and #8 well

location indicates a depth to water of 280 feet bgs. This cathodic protection well is located approximately 1.05 miles southeast of the Site and is approximately 111 feet lower in elevation than the Site.

- The Site is not located within 300 feet of an NM EMNRD OCD-defined significant watercourse (**Figure C, Appendix B**).
- The Site is not located within 200 feet of a lakebed, sinkhole, or playa lake.
- The Site is not located within 300 feet of a permanent residence, school, hospital, institution, or church (**Figure D, Appendix B**).
- No springs, or private domestic freshwater wells used by less than five households for domestic or stock watering purposes were identified within 500 feet of the Site (**Figure E, Appendix B**).
- No freshwater wells or springs were identified within 1,000 feet of the Site (**Figure E, Appendix B**).
- The Site is not located within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to New Mexico Statutes Annotated (NMSA) 1978, Section 3-27-3.
- Based on information identified in the U.S. Fish & Wildlife Service National Wetlands Inventory Wetlands Mapper, the Site is not within 300 feet of a wetland (**Figure F, Appendix B**).
- Based on information identified in the NM Mining and Minerals Division's Geographic Information System (GIS) Maps and Mine Data database, the Site is not within an area overlying a subsurface mine (**Figure G, Appendix B**).
- The Site is not located within an unstable area per Paragraph (6) of Subsection U of 19.15.2.7 NMAC.
- Based on information provided by the Federal Emergency Management Agency (FEMA) National Flood Hazard Layer (NFHL) geospatial database, the Site is not within a 100-year floodplain (**Figure H, Appendix B**).

Based on available information Enterprise estimates the depth to water at the Site to be greater than 50 feet bgs, resulting in a Tier II or Tier III 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 collected at or below four feet bgs exceeded the Tier I closure criteria, so alternate closure criteria were not included in this report. 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 <sup>1</sup>	Method	Limit
Chloride	EPA 300.0 or SM4500 Cl B	600 mg/kg
TPH (GRO+DRO+MRO) <sup>2</sup>	EPA SW-846 Method 8015	100 mg/kg
BTEX <sup>3</sup>	EPA SW-846 Method 8021 or 8260	50 mg/kg
Benzene	EPA SW-846 Method 8021 or 8260	10 mg/kg

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

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

<sup>3</sup> – Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX).

### 3.0 SOIL REMEDIATION ACTIVITIES

After the release was identified, Enterprise initiated activities to repair the pipeline and remediate potential petroleum hydrocarbon impact resulting from the release. During the remediation and corrective action activities, Sunland Construction Inc, provided heavy equipment and labor support, while Ensolum provided environmental consulting support.

The final excavation measured approximately 30 feet long and 8 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 sandstone.

Approximately 84 cubic yards (yd<sup>3</sup>) of petroleum hydrocarbon-affected soils were transported to the Envirotech, Inc., (Envirotech) landfarm in San Juan County, NM for disposal/remediation. The executed C-138 solid waste acceptance form is provided in **Appendix C**. The excavation was backfilled with imported fill and then contoured to the surrounding 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<sup>®</sup> 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 four composite soil samples (S-1 through S-4) from the excavation for laboratory analysis. The composite samples were comprised of five aliquots each and represent an estimated 200 square foot (ft<sup>2</sup>) or less sample area per guidelines outlined in Section D of 19.15.29.12 NMAC. Hand tools were utilized to obtain fresh aliquots from each area of the excavation. Regulatory correspondence is provided in **Appendix E**.

#### Sampling Event

On September 29, 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 sample S-1 (4') was collected from the floor of the excavation. Composite soil samples S-2 (0' to 4'), S-3 (0'-4'), and S-4 (0' to 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 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-4) to the applicable NM EMNRD OCD closure criteria. The laboratory analytical results are summarized in **Table 1 (Appendix F)**.

- The laboratory analytical results for the composite soil samples 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 the composite soil samples 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 samples S-1 and S-4 indicate combined TPH GRO/DRO/MRO concentrations of 84 mg/kg and 9.4 mg/kg, respectively, which are less than the New Mexico EMNRD OCD closure criteria of 100 mg/kg. The laboratory analytical results for the other composite soil samples indicate combined TPH GRO/DRO/MRO is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the New Mexico EMNRD OCD closure criteria of 100 mg/kg.
- The laboratory analytical results for the composite soil samples indicate chloride is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the New Mexico EMNRD OCD closure criteria of 600 mg/kg or 10,000 mg/kg (depending on the depth of the represented soil).

## 7.0 RECLAMATION

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

## 8.0 FINDINGS AND RECOMMENDATION

- Four 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 84 yd<sup>3</sup> 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.



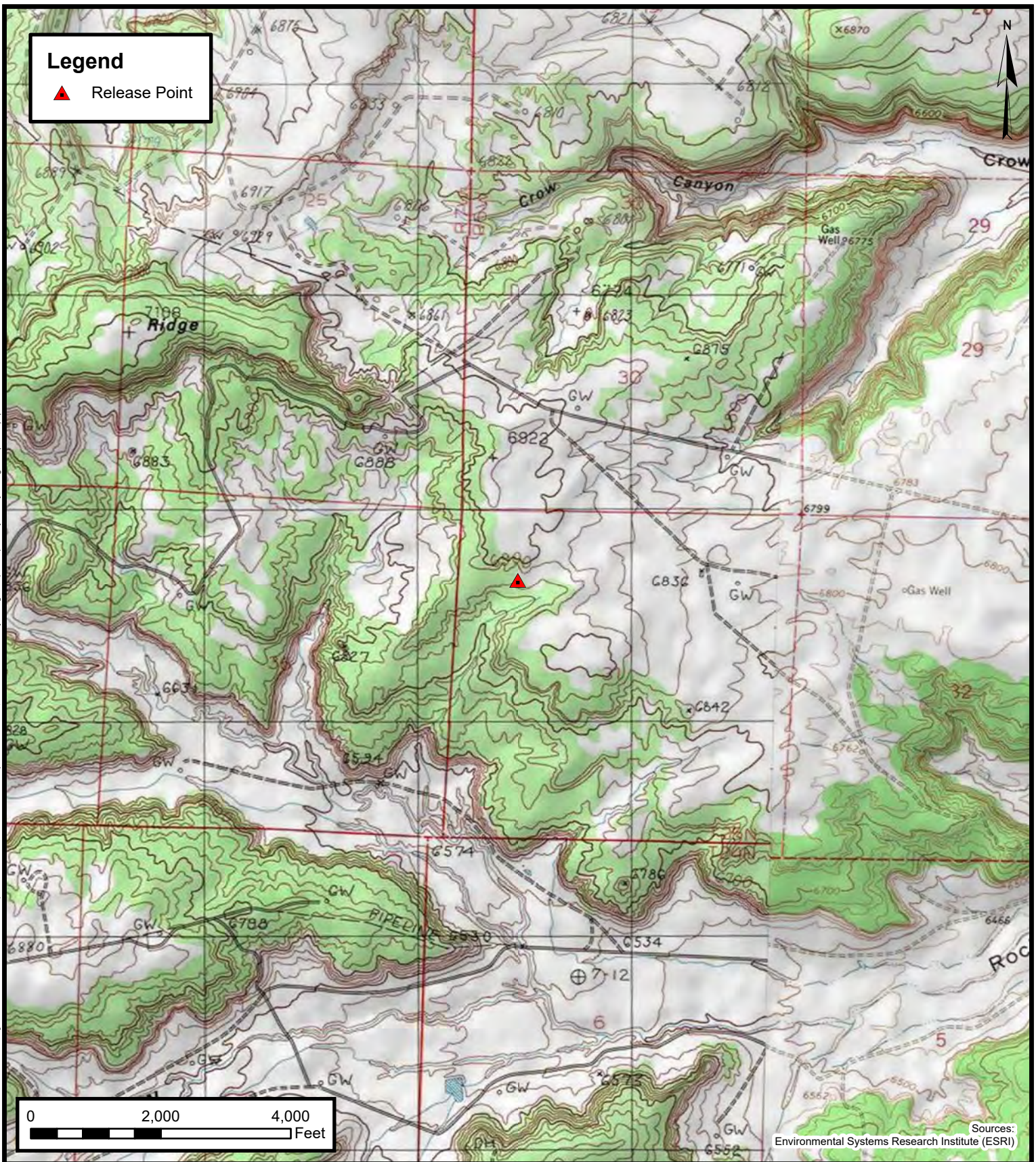
# APPENDIX A

## Figures

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## Topographic Map

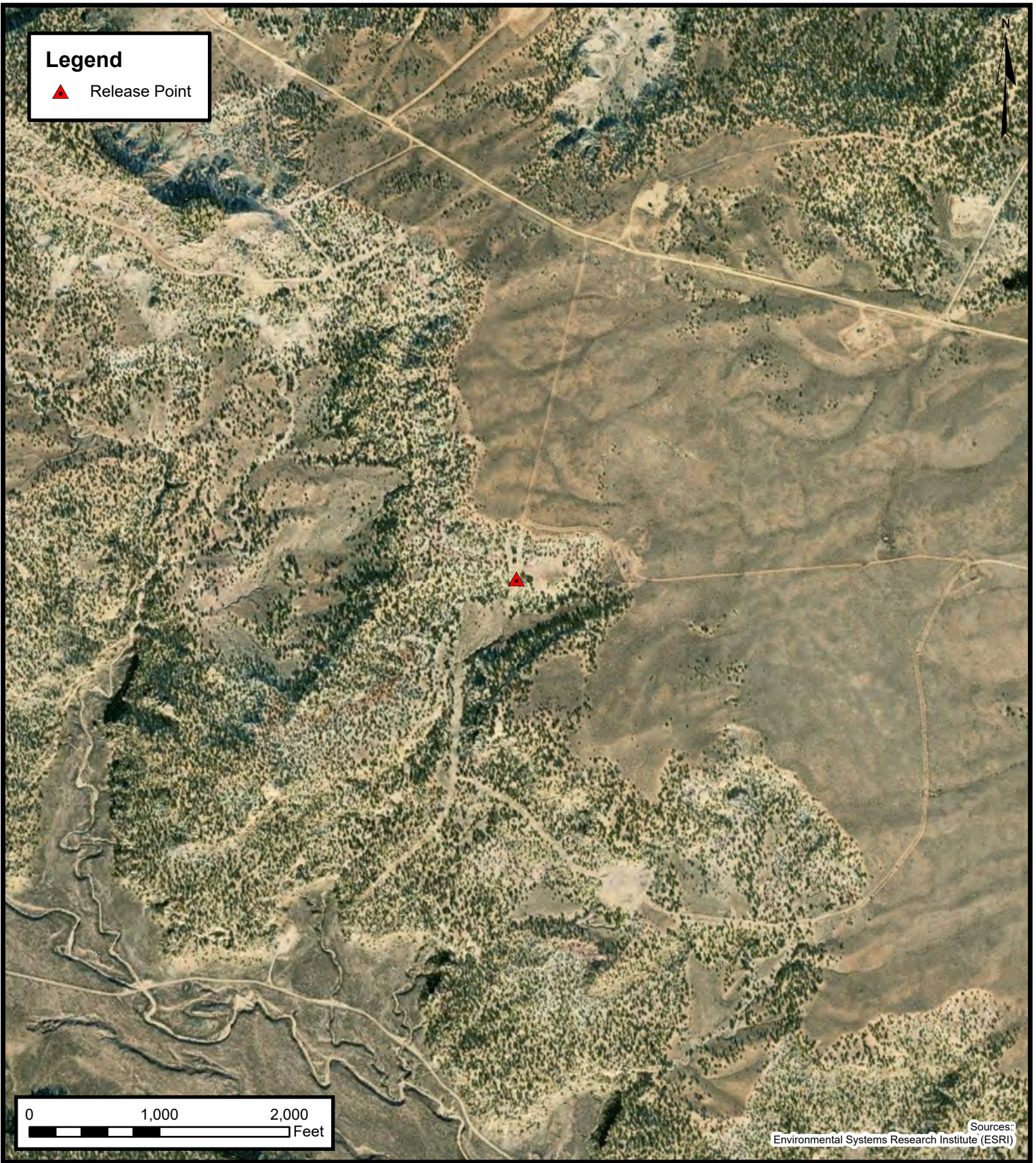
Enterprise Field Services, LLC  
Canyon Largo #57 (09/26/23)  
Project Number: 05A1226276

Unit Letter D, S31 T25N R06W, Rio Arriba County, New Mexico  
36.36034, -107.51457

**FIGURE**  
**1**



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## Site Vicinity Map

Enterprise Field Services, LLC  
Canyon Largo #57 (09/26/23)  
Project Number: 05A1226276






Unit Letter D, S31 T25N R06W, Rio Arriba County, New Mexico  
36.36034, -107.51457

FIGURE

2



**Legend**

-  Release Points
-  Composite Soil Sample Location
-  Pipeline
-  Excavation Extent
-  Sloped Wall (0' - 4')



S-1	
9.29.23	
F (4')	
Benzene...	<0.017
Toluene...	<0.034
Ethylbenzene...	<0.034
Xylenes...	<0.068
Total BTEX...	ND
TPH GRO...	<3.4
TPH DRO...	84
TPH MRO...	<47
Total Combined TPH	
GRO/DRO/MRO...	84
Chlorides...	<60

S-4	
9.29.23	
W (0' - 4')	
Benzene...	<0.018
Toluene...	<0.035
Ethylbenzene...	<0.035
Xylenes...	<0.071
Total BTEX...	ND
TPH GRO...	<3.5
TPH DRO...	9.4
TPH MRO...	<47
Total Combined TPH	
GRO/DRO/MRO...	9.4
Chlorides...	<60

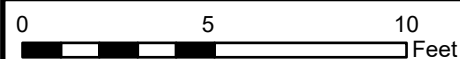
S-2	
9.29.23	
W (0' - 4')	
Benzene...	<0.018
Toluene...	<0.036
Ethylbenzene...	<0.036
Xylenes...	<0.073
Total BTEX...	ND
TPH GRO...	<3.6
TPH DRO...	<9.5
TPH MRO...	<48
Total Combined TPH	
GRO/DRO/MRO...	ND
Chlorides...	<59

S-3	
9.29.23	
W (0' - 4')	
Benzene...	<0.018
Toluene...	<0.036
Ethylbenzene...	<0.036
Xylenes...	<0.073
Total BTEX...	ND
TPH GRO...	<3.6
TPH DRO...	<9.7
TPH MRO...	<49
Total Combined TPH	
GRO/DRO/MRO...	ND
Chlorides...	<60

**Notes:**

F - Floor Sample  
W - Wall Sample

All concentration are listed in  
milligrams per kilogram (mg/kg)  
All depths are listed in feet BGS



Sources:  
Environmental Systems Research Institute (ESRI)

**Site Map with Soil Analytical Results**

Enterprise Field Services, LLC  
Canyon Largo #57 (09/26/23)  
Project Number: 05A1226276  
Unit Letter D, S31 T25N R06W, Rio Arriba County, New Mexico  
36.36034, -107.51457

**FIGURE**  
**3**



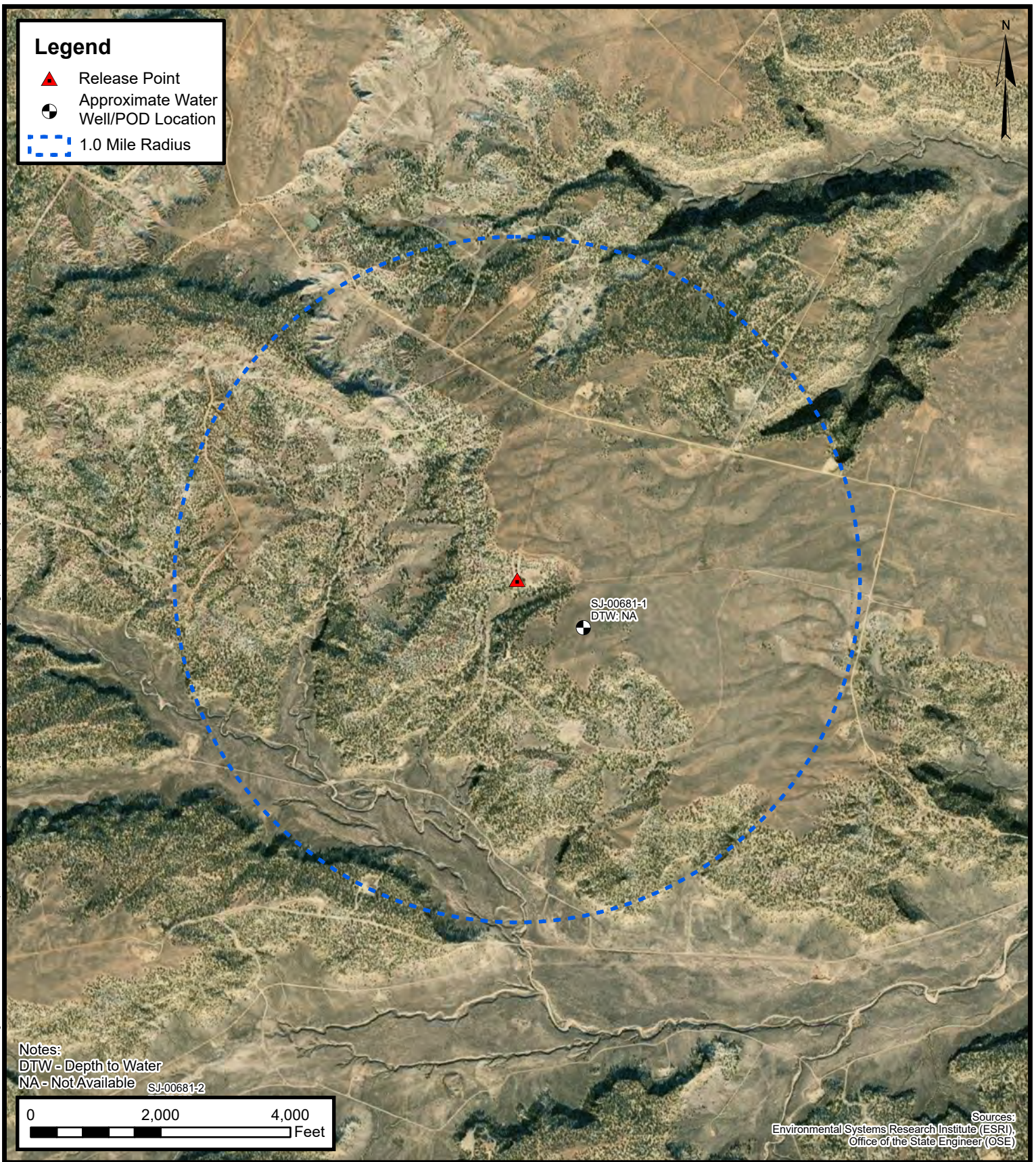
## APPENDIX B

### Siting Figures and Documentation

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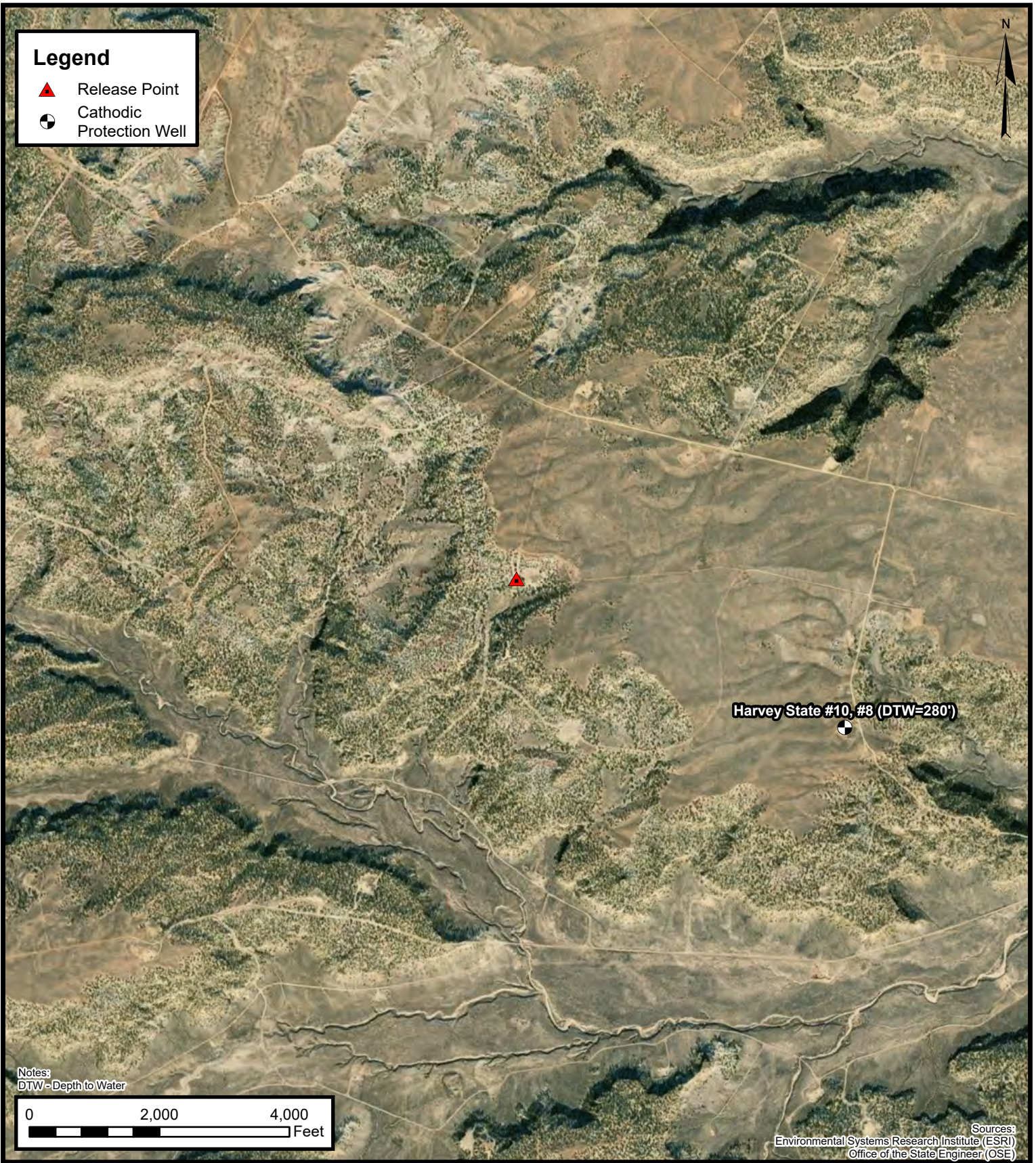
## 1.0 Mile Radius Water Well/POD Location Map

Enterprise Field Services, LLC  
Canyon Largo #57 (09/26/23)  
Project Number: 05A1226276  
Unit Letter D, S31 T25N R06W, Rio Arriba County, New Mexico  
36.36034, -107.51457

FIGURE  
**A**



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## Cathodic Protection Well Recorded Depth to Water

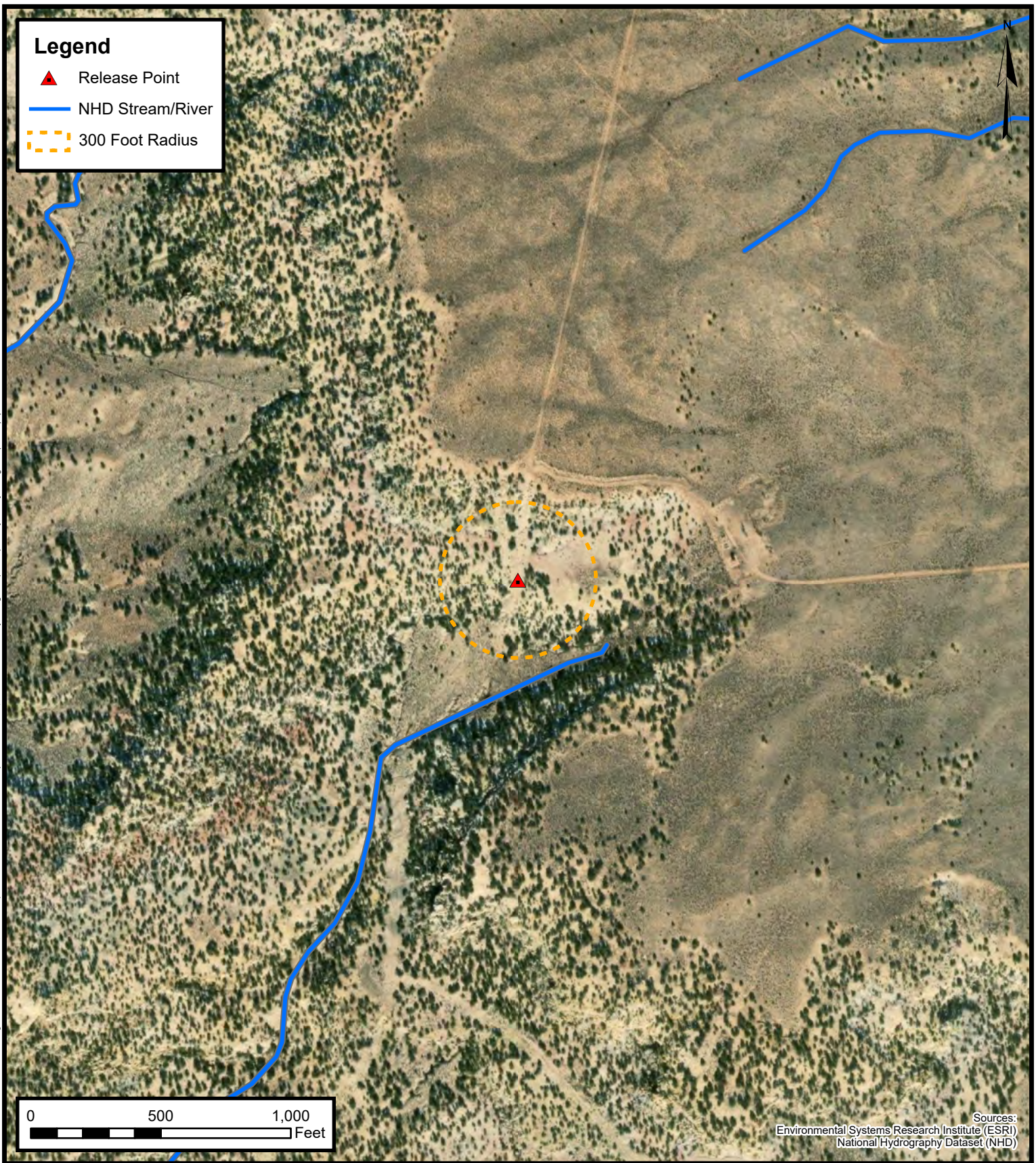
Enterprise Field Services, LLC  
Canyon Largo #57 (09/26/23)  
Project Number: 05A1226276

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36.36034, -107.51457

FIGURE  
**B**



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### 300 Foot Radius Watercourse and Drainage Identification

Enterprise Field Services, LLC  
Canyon Largo #57 (09/26/23)

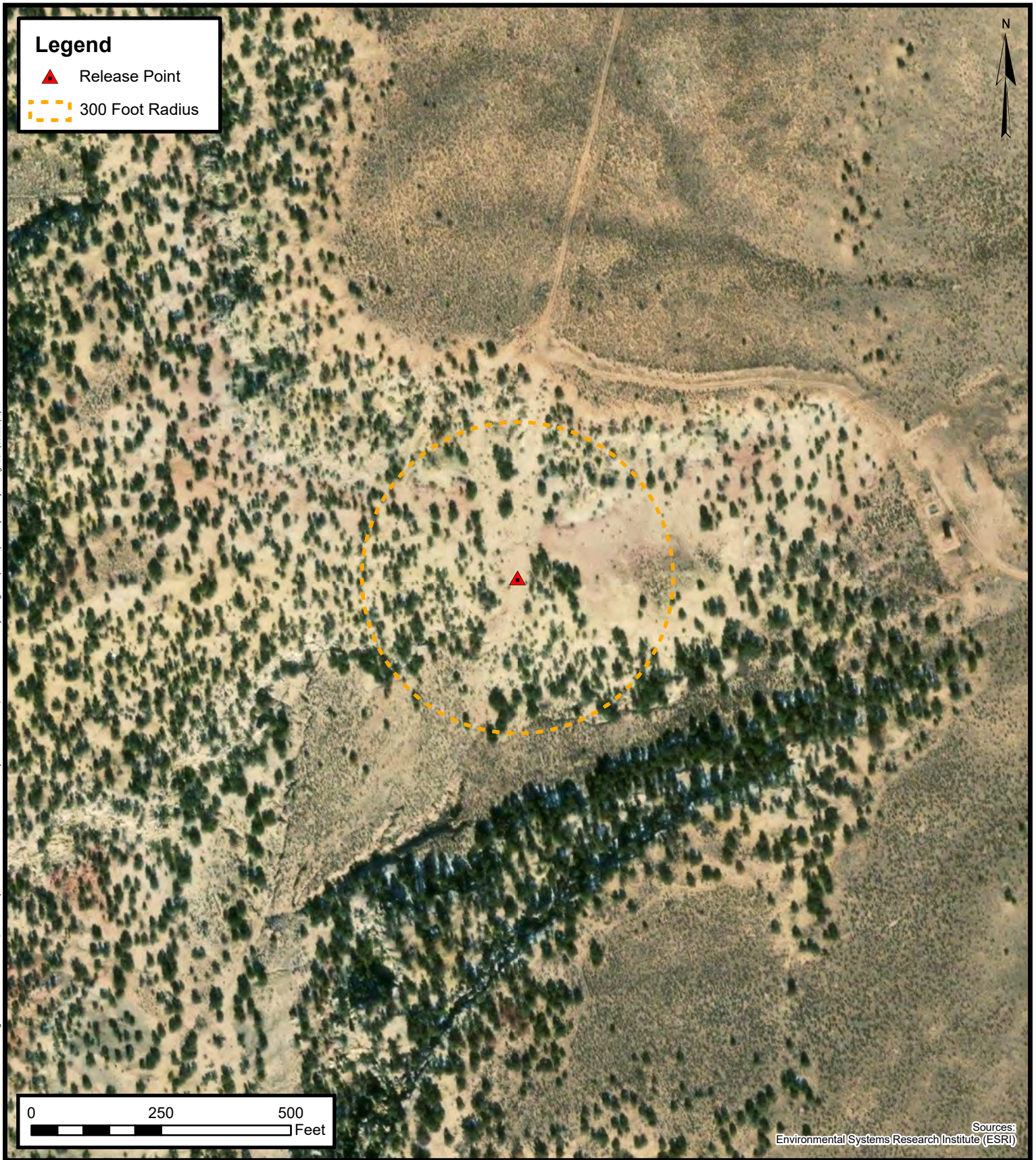
Project Number: 05A1226276

Unit Letter D, S31 T25N R06W, Rio Arriba County, New Mexico  
36.36034, -107.51457

FIGURE  
**C**



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### 300 Foot Radius Occupied Structure Identification

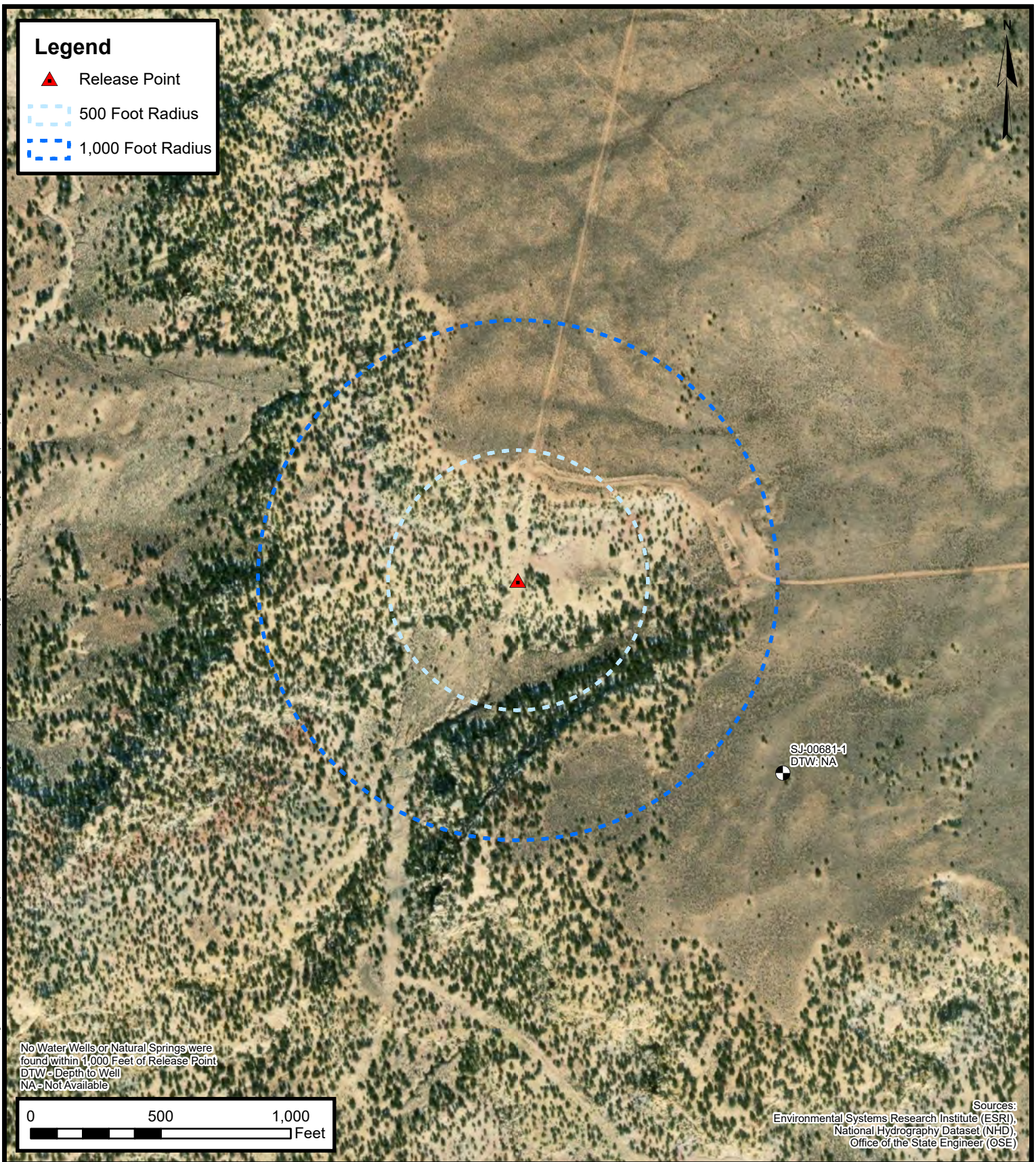
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Canyon Largo #57 (09/26/23)  
Project Number: 05A1226276

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36.36034, -107.51457

FIGURE  
D



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**Water Well and  
Natural Spring Location**

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Unit Letter D, S31 T25N R06W, Rio Arriba County, New Mexico  
36.36034, -107.51457

**FIGURE  
E**



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## Wetlands

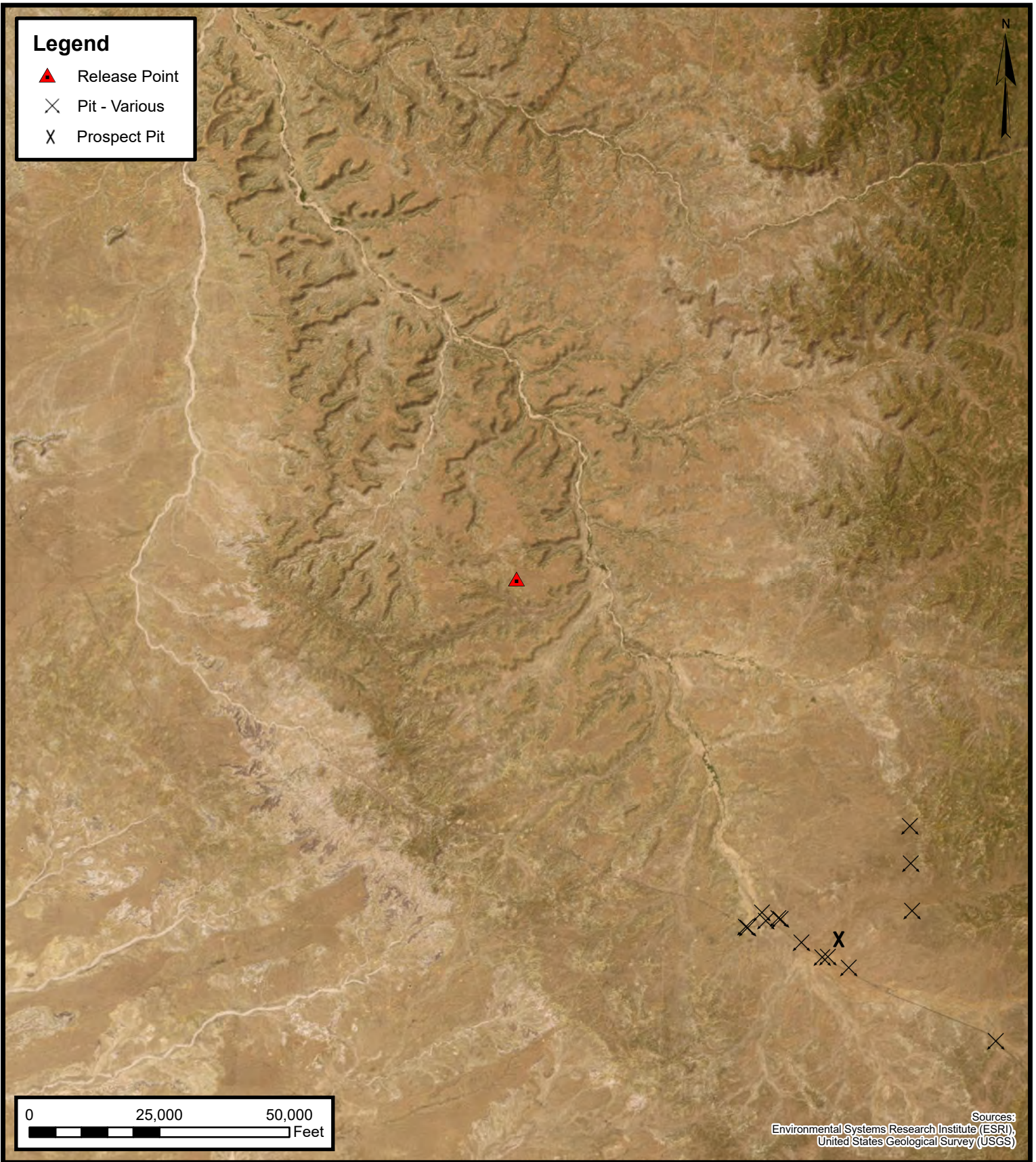
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Canyon Largo #57 (09/26/23)  
Project Number: 05A1226276

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36.36034, -107.51457

FIGURE  
F



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## Mines, Mills, and Quarries

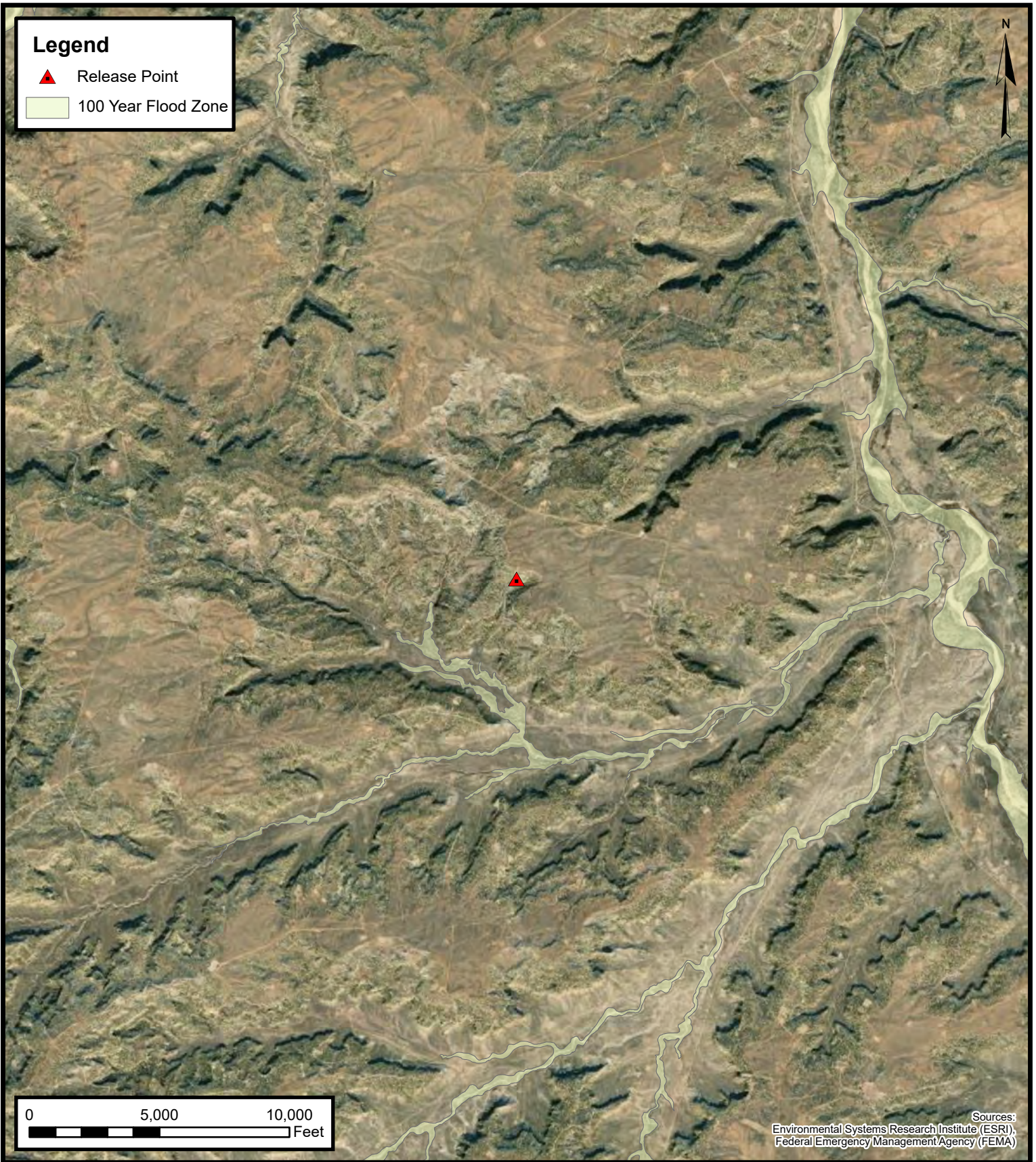
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Canyon Largo #57 (09/26/23)  
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FIGURE  
G



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## 100-Year Flood Plain Map

Enterprise Field Services, LLC  
Canyon Largo #57 (09/26/23)  
Project Number: 05A1226276

Unit Letter D, S31 T25N R06W, Rio Arriba County, New Mexico  
36.36034, -107.51457

FIGURE  
H



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

---

No records found.

**PLSS Search:**

**Section(s):** 31, 29, 30, 32    **Township:** 25N    **Range:** 06W

---

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

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9/27/23 9:05 AM

Page 1 of 1

WATER COLUMN/ AVERAGE  
DEPTH TO WATER





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

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No records found.

**PLSS Search:**

**Section(s):** 6, 5

**Township:** 24N

**Range:** 06W

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Page 1 of 1

WATER COLUMN/ AVERAGE  
DEPTH TO WATER



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

---

No records found.

**PLSS Search:**

**Section(s):** 1

**Township:** 24N

**Range:** 07W

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WATER COLUMN/ AVERAGE  
DEPTH TO WATER



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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No records found.

### PLSS Search:

**Section(s):** 36, 25

**Township:** 25N

**Range:** 07W

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Page 1 of 1

WATER COLUMN/ AVERAGE  
DEPTH TO WATER



1310

8-30-039-05717

10-30-039-23668

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. 32 Twp 25 Rng 6Name of Well/Wells or Pipeline Serviced HARVEY STATE #10, #8cps 1918wElevation 6763' Completion Date 11/24/87 Total Depth 520' Land Type\* N/ACasing, Sizes, Types & Depths N/AIf Casing is cemented, show amounts & types used N/A'If Cement or Bentonite Plugs have been placed, show depths & amounts used  
N/ADepths & thickness of water zones with description of water when possible:  
Fresh, Clear, Salty, Sulphur, Etc. 280' NO SAMPLEDepths gas encountered: N/AType & amount of coke breeze used: N/ADepths anodes placed: 435', 425', 415', 405', 395', 385', 375', 360', 350', 295'Depths vent pipes placed: N/AVent pipe perforations: 260'Remarks: (gb #1)

RECEIVED  
MAY 31 1991  
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.



Meridian Oil, Inc.  
 Farmington, New Mexico 87499  
 (505) 327-0251

Bunk

WELL CASING  
 CATHODIC PROTECTION CONSTRUCTION REPORT Completion Date 11-24-87  
 DAILY LOG

CPS # \_\_\_\_\_ Well Name, Line or Phase: Harvey State #10 Work Order # \_\_\_\_\_ Static: -79 N Ins. Union Check: ☒ Good ☐ Bad

Location: L 32-25-06 Anode Size: 211x60" Anode Type: Duriron Size Bit: 6 3/4

Depth Drilled: 520 Depth Logged: 455' Drilling Rig Time: 8 hrs Total Lbs. Cable Used: \_\_\_\_\_ Loss Circulation Mat'l Used: \_\_\_\_\_ No. Sacks Mat'l Used: \_\_\_\_\_

Anode Depth:	#1 <u>4'35"</u>	#2 <u>4'25"</u>	#3 <u>4'15"</u>	#4 <u>4'05"</u>	#5 <u>3'95"</u>	#6 <u>3'85"</u>	#7 <u>3'75"</u>	#8 <u>3'60"</u>	#9 <u>3'50"</u>	#10 <u>2'95"</u>	
Anode Output (Amps):	#1 <u>4.4</u>	#2 <u>5.0</u>	#3 <u>4.7</u>	#4 <u>4.6</u>	#5 <u>4.0</u>	#6 <u>4.6</u>	#7 <u>4.5</u>	#8 <u>5.1</u>	#9 <u>4.9</u>	#10 <u>4.3</u>	
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:	Volts <u>11.91</u> Amps <u>18.4</u> Ohms <u>0.647</u>					No. 8 C.P. Cable Used: _____					No. 2 C.P. Cable Used: _____

Remarks: Driller said water was at 280'. No water sample was taken. Vent pipe is perforated up to 260'.

4300

Rectifier Size: \_\_\_\_\_ V \_\_\_\_\_ A Solar 7

Add'l Depth: \_\_\_\_\_

Depth Credit: 45 ✓ 157.50 ✓

Extra Cable: 30 ✓ 7.50 ✓ 4142.50

Ditch & 1 Cable: 30 ✓ 12.90 ✓

Ditch & 2 Cable: 150 ✓ 82.50 ✓

25' Meter Pole: \_\_\_\_\_

20' Meter Pole: \_\_\_\_\_

10' Stub Pole: \_\_\_\_\_

Junction Box: 400P ✓

4285.40 ✓

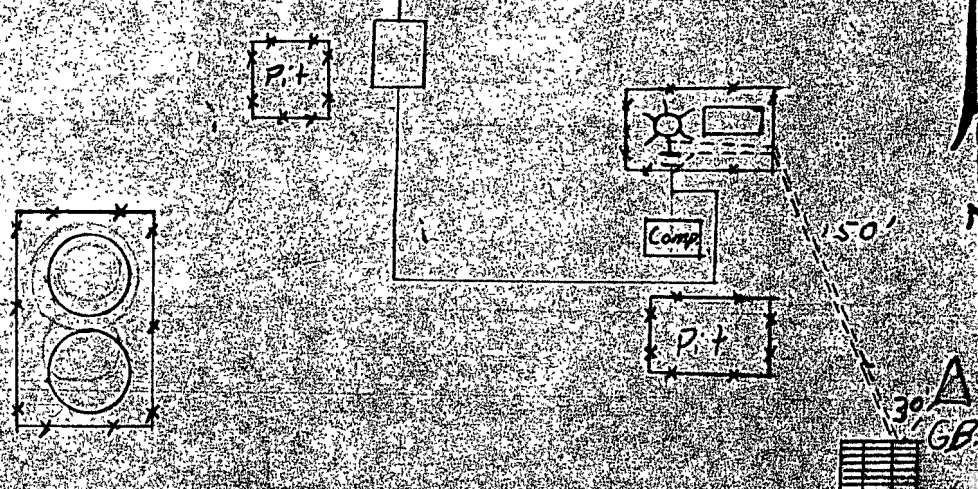
214.27

4499.67 o/c

All Construction Completed

Randy Smith  
 (Signature)

GROUND BED LAYOUT SKETCH





## BURG CORROSION SYSTEMS, IC

P.O. BOX 1359- PHONE 334-6141

AZTEC, NEW MEXICO 87410

DEEP WELL GROUNDRED LOG

Date 11-24-87

Company

Meridian Oil

Well No

10

Location

Harvey State

Volts Applied

11.91

Amperes

18

5					230					455	7.2	45.5			680				
10					235					460					685				
15					240					465	0.4	3.5	2.4		690	4.4			
20					245					470	0.4	2.5	3.0		695	5.0			
25					250					475	0.4	1.5	2.3		700	4.7			
30					255					480	0.4	0.5	2.9		705	4.6			
35					260	.1				485	0.3	9.5	2.5		710	4.0			
40					265	.1				490	0.3	8.5	2.9		715	4.6			
45					270	1.6				495	0.3	7.5	2.6		720	4.5			
50					275	1.0				500	0.3	6.0	2.9		725	5.1			
55					280	.7				505	0.3	5.0	2.9		730	4.9			
60					285	1.0				510	0.2	9.5	2.5		735	4.3			
65					290	1.8				515					740				
70					295	2.0	10			520					745				
75					300	1.9				525					750				
80					305	1.1				530					755				
85					310	.2				535					760				
90					315	.1				540					765				
95					320	.1				545					770				
100					325	.2				550					775				
105					330	1.0				555					780				
110					335	1.5				560					785				
115					340	1.5				565					790				
120					345	1.5				570					795				
125					350	1.9	9			575					800				
130					355	2.3				580					805				
135					360	2.2	10			585					810				
140					365	1.8				590					815				
145					370	.8				595					820				
150					375	2.1	10			600					825				
155					380	2.0				605					830				
160					385	2.3	10			610					835				
165					390	2.2				615					840				
170					395	2.4	10			620					845				
175					400	2.4				625					850				
180					405	2.9	10			630					855				
185					410	2.7				635					860				
190					415	2.2	10			640					865				
195					420	2.4				645					870				
200					425	2.9	10			650					875				
205					430	2.8				655					880				
210					435	2.5	10			660					885				
215					440	2.4				665					890				
220					445	2.6				670					895				
					450	2.6				675					900				



## BURGE CORROSION SYSTEMS INC.

P.O. BOX 1359

AZTEC, NEW MEXICO 87410

DRILLING AND LOGGING LOG

JOB NUMBER 147HOLE DIAMETER 6 3/4 INDATE 11-27-97WELL NAME Harvey State #10HOLE DEPTH 520 FT

FINAL READING \_\_\_\_\_ VOLTS

COMPANY NAME Meridian

NUM OF ANODES \_\_\_\_\_

FINAL READING \_\_\_\_\_ AMPS

LEGAL DESCRIPTION 1/4 S 22 T 25 R 6WATER DEPTH 220 FT

FINAL READING \_\_\_\_\_ OHMS

HOLE DEPTH	SOIL TYPE	LOG AMPS	INITIAL AMPS	FINAL AMPS	HOLE DEPTH	SOIL TYPE	LOG AMPS	INITIAL AMPS	FINAL AMPS	HOLE DEPTH	SOIL TYPE	LOG AMPS	INITIAL AMPS	FINAL AMPS
5	Sand				245	//				485	//			
10	//				250	//				490	//			
15	//				255	//				495	//			
20	//				260	//				500	//			
25	Shale				265	Sandstone				505	//			
30	//				270	//				510	//			
35	Sandstone				275	//				515	//			
40	//				280	//				520	//			
45	//				285	//				525				
50	//				290	//				530				
55	//				295	//				535				
60	//				300	//				540				
65	Shale				305	Sandy Shale				545				
70	Sandstone				310	//				550				
75	//				315	//				555				
80	//				320	//				560				
85	//				325	//				565				
90	//				330	//				570				
95	//				335	//				575				
100	//				340	//				580				
105	//				345	//				585				
110	//				350	//				590				
115	//				355	Sandstone				595				
120	//				360	//				600				
125	//				365	Shale				605				
130	//				370	//				610				
135	//				375	//				615				
140	//				380	//				620				
145	//				385	//				625				
150	//				390	//				630				
155	//				395	//				635				
160	//				400	//				640				
165	//				405	//				645				
170	//				410	//				650				
175	//				415	//				655				
180	//				420	//				660				
185	Water Sand				425	//				665				
190	//				430	//				670				
195	Shale				435	//				675				
200	//				440	//				680				
205	//				445	//				685				
210	Water Sand				450	//				690				
215	//				455	//				695				
220	//				460	//				700				
225	//				465	//				705				
230	//				470	//				710				
235	Shale				475	//				715				
240	//				480	//				720				

CPS 19186



## 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

### 2. Originating Site:

Canyon Largo #57

AFE: N67249

PM: Dwayne Dixon

Pay Key: AM14058

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

UL G Section 33 T24N R1W; 36.360340, -107.514570

Sept 2023


### 4. Source and Description of Waste:

Source: Hydrocarbon contaminated soil/water/sludge associated with cleaning a natural condensate tank.

Description: Hydrocarbon contaminated soil/water/sludge associated with cleaning a natural condensate tank..

Estimated Volume 50 yd<sup>3</sup>/bbls Known Volume (to be entered by the operator at the end of the haul) 84 yd<sup>3</sup>/bbls

### 5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS

I, 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 , 9-25-2023, representative for Enterprise Products Operating authorize 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: Enterprise Contractors

#### OCD Permitted Surface Waste Management Facility

Name and Facility Permit #: Envirotech, Inc. Soil Remediation Facility \* Permit #: NM01-0011

Address of Facility: Hill Top, 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: 9/25/23

SIGNATURE: 

TELEPHONE NO.: 505-632-0615

Surface Waste Management Facility Authorized Agent



## APPENDIX D

# Photographic Documentation



SITE PHOTOGRAPHS

Closure Report  
Enterprise Field Services, LLC  
Canyon Largo #57 (09/26/23)  
Ensolum Project No. 05A1226276



**Photograph 1**

Photograph Description: View of the final excavation.



**Photograph 2**

Photograph Description: View of the final excavation.



**Photograph 3**

Photograph Description: View of the site after initial restoration.







## APPENDIX E

### Regulatory Correspondence

---

**From:** [Kyle Summers](#)  
**To:** [Landon Daniell](#); [Ranee Deechilly](#)  
**Subject:** Fwd: [EXTERNAL] Canyon Largo #57 - UL D Section 31 T25N R6W; 36.36034,-107.51457; NMOCD Incident #NAPP2327027386  
**Date:** Wednesday, September 27, 2023 7:58:02 AM  
**Attachments:** [Outlook-euu3gi2h.png](#)

---

Kyle Summers  
Principal  
903-821-5603  
Ensolum, LLC

---

**From:** Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>  
**Sent:** Wednesday, September 27, 2023 7:50:35 AM  
**To:** Long, Thomas <tjlong@eprod.com>; 'aadeloye@blm.gov' <aadeloye@blm.gov>  
**Cc:** Stone, Brian <bmstone@eprod.com>; Kyle Summers <ksummers@ensolum.com>  
**Subject:** Re: [EXTERNAL] Canyon Largo #57 - UL D Section 31 T25N R6W; 36.36034,-107.51457; NMOCD Incident #NAPP2327027386

[ \*\*EXTERNAL EMAIL\*\* ]

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](mailto:nelson.velez@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>



---

**From:** Long, Thomas <tjlong@eprod.com>  
**Sent:** Wednesday, September 27, 2023 7:48 AM  
**To:** Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; 'aadeloye@blm.gov' <aadeloye@blm.gov>  
**Cc:** Stone, Brian <bmstone@eprod.com>; Kyle Summers <ksummers@ensolum.com>  
**Subject:** [EXTERNAL] Canyon Largo #57 - UL D Section 31 T25N R6W; 36.36034,-107.51457; NMOCD Incident #NAPP2327027386

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

Nelson/Emanual,

This email is a notification that Enterprise had a release of natural gas and condensate on the Canyon Largo #57 on 8-16-2023. The pipeline was isolated, depressurized, lock and tagged out. No liquids were observed on the ground surface. No washes were affected. No fire nor injuries occurred. Enterprise began remediation of the release on 9-25-2023 and determined the release reportable per NMOCD regulation due to the volume of impacted subsurface soil on 9-26-2023.

The email also serves as a sample notification and variance request. Enterprise is requesting a variance for required 48-hour notification per 19.15.29.12D (1a) NMAC. Enterprise would like to collect closure samples on Thursday, September 28, 2023 at 9:00 a.m. Please acknowledge 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](mailto:tjlong@eprod.com)



---

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



## APPENDIX F

### Table 1 – Soil Analytical Summary

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**TABLE 1**  
Canyon Largo #57 (09/26/23)  
SOIL ANALYTICAL SUMMARY

Sample I.D.	Date	Sample Type	Sample Depth	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX <sup>1</sup>	TPH GRO	TPH DRO	TPH MRO	Total Combined TPH (GRO/DRO/MRO) <sup>1</sup>	Chloride
		C- Composite G - Grab	(feet)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
New Mexico Energy, Mineral & Natural Resources Department Oil Conservation Division Closure Criteria (Tier I)				10	NE	NE	NE	50	NE	NE	NE	100	600
Excavation Composite Soil Samples													
S-1	9.29.23	C	4	<0.017	<0.034	<0.034	<0.068	ND	<3.4	84	<47	84	<60
S-2	9.29.23	C	0 to 4	<0.018	<0.036	<0.036	<0.073	ND	<3.6	<9.5	<48	ND	<59
S-3	9.29.23	C	0 to 4	<0.018	<0.036	<0.036	<0.073	ND	<3.6	<9.7	<49	ND	<60
S-4	9.29.23	C	0 to 4	<0.018	<0.035	<0.035	<0.071	ND	<3.5	9.4	<47	9.4	<60

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

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

NE = Not established

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



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

October 04, 2023

Kyle Summers

ENSOLUM

606 S. Rio Grande Suite A

Aztec, NM 87410

TEL: (903) 821-5603

FAX:

RE: Canyon Largo Unit 57

OrderNo.: 2309H64

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 4 sample(s) on 9/30/2023 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](http://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 light blue horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109



## Analytical Report

Lab Order 2309H64

Date Reported: 10/4/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM

Client Sample ID: S-1

Project: Canyon Largo Unit 57

Collection Date: 9/29/2023 9:15:00 AM

Lab ID: 2309H64-001

Matrix: MEOH (SOIL)

Received Date: 9/30/2023 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	9/30/2023 8:52:13 PM	77869
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	84	9.4		mg/Kg	1	10/2/2023 12:14:00 PM	77873
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/2/2023 12:14:00 PM	77873
Surr: DNOP	99.8	69-147		%Rec	1	10/2/2023 12:14:00 PM	77873
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	3.4		mg/Kg	1	9/30/2023 11:17:00 PM	R100114
Surr: BFB	96.5	15-244		%Rec	1	9/30/2023 11:17:00 PM	R100114
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.017		mg/Kg	1	9/30/2023 11:17:00 PM	B100114
Toluene	ND	0.034		mg/Kg	1	9/30/2023 11:17:00 PM	B100114
Ethylbenzene	ND	0.034		mg/Kg	1	9/30/2023 11:17:00 PM	B100114
Xylenes, Total	ND	0.068		mg/Kg	1	9/30/2023 11:17:00 PM	B100114
Surr: 4-Bromofluorobenzene	86.3	39.1-146		%Rec	1	9/30/2023 11:17:00 PM	B100114

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

<b>Qualifiers:</b>	*	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 Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

## Analytical Report

Lab Order 2309H64

Date Reported: 10/4/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM

Client Sample ID: S-2

Project: Canyon Largo Unit 57

Collection Date: 9/29/2023 9:20:00 AM

Lab ID: 2309H64-002

Matrix: MEOH (SOIL)

Received Date: 9/30/2023 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	59		mg/Kg	20	9/30/2023 9:04:38 PM	77869
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	10/2/2023 12:38:43 PM	77873
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/2/2023 12:38:43 PM	77873
Surr: DNOP	97.5	69-147		%Rec	1	10/2/2023 12:38:43 PM	77873
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	3.6		mg/Kg	1	9/30/2023 11:39:00 PM	R100114
Surr: BFB	98.8	15-244		%Rec	1	9/30/2023 11:39:00 PM	R100114
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.018		mg/Kg	1	9/30/2023 11:39:00 PM	B100114
Toluene	ND	0.036		mg/Kg	1	9/30/2023 11:39:00 PM	B100114
Ethylbenzene	ND	0.036		mg/Kg	1	9/30/2023 11:39:00 PM	B100114
Xylenes, Total	ND	0.073		mg/Kg	1	9/30/2023 11:39:00 PM	B100114
Surr: 4-Bromofluorobenzene	88.9	39.1-146		%Rec	1	9/30/2023 11:39:00 PM	B100114

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

<b>Qualifiers:</b>	*	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 Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

## Analytical Report

Lab Order 2309H64

Date Reported: 10/4/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM

Client Sample ID: S-3

Project: Canyon Largo Unit 57

Collection Date: 9/29/2023 9:25:00 AM

Lab ID: 2309H64-003

Matrix: MEOH (SOIL)

Received Date: 9/30/2023 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	9/30/2023 9:17:02 PM	77869
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/2/2023 1:03:41 PM	77873
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/2/2023 1:03:41 PM	77873
Surr: DNOP	98.6	69-147		%Rec	1	10/2/2023 1:03:41 PM	77873
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	3.6		mg/Kg	1	10/1/2023 12:01:00 AM	R100114
Surr: BFB	101	15-244		%Rec	1	10/1/2023 12:01:00 AM	R100114
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.018		mg/Kg	1	10/1/2023 12:01:00 AM	B100114
Toluene	ND	0.036		mg/Kg	1	10/1/2023 12:01:00 AM	B100114
Ethylbenzene	ND	0.036		mg/Kg	1	10/1/2023 12:01:00 AM	B100114
Xylenes, Total	ND	0.073		mg/Kg	1	10/1/2023 12:01:00 AM	B100114
Surr: 4-Bromofluorobenzene	88.8	39.1-146		%Rec	1	10/1/2023 12:01:00 AM	B100114

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

<b>Qualifiers:</b>	*	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 Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

## Analytical Report

Lab Order 2309H64

Date Reported: 10/4/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM

Client Sample ID: S-4

Project: Canyon Largo Unit 57

Collection Date: 9/29/2023 9:30:00 AM

Lab ID: 2309H64-004

Matrix: MEOH (SOIL)

Received Date: 9/30/2023 8:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	9/30/2023 9:29:26 PM	77869
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	9.4	9.3		mg/Kg	1	10/2/2023 1:28:34 PM	77873
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/2/2023 1:28:34 PM	77873
Surr: DNOP	99.7	69-147		%Rec	1	10/2/2023 1:28:34 PM	77873
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	3.5		mg/Kg	1	10/1/2023 12:22:00 AM	R100114
Surr: BFB	103	15-244		%Rec	1	10/1/2023 12:22:00 AM	R100114
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.018		mg/Kg	1	10/1/2023 12:22:00 AM	B100114
Toluene	ND	0.035		mg/Kg	1	10/1/2023 12:22:00 AM	B100114
Ethylbenzene	ND	0.035		mg/Kg	1	10/1/2023 12:22:00 AM	B100114
Xylenes, Total	ND	0.071		mg/Kg	1	10/1/2023 12:22:00 AM	B100114
Surr: 4-Bromofluorobenzene	89.7	39.1-146		%Rec	1	10/1/2023 12:22:00 AM	B100114

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

<b>Qualifiers:</b>	*	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 Quantitative 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#: 2309H64

04-Oct-23

Client: ENSOLUM

Project: Canyon Largo Unit 57

Sample ID: <b>LCS-77873</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>77873</b>			RunNo: <b>100132</b>						
Prep Date: <b>10/2/2023</b>	Analysis Date: <b>10/2/2023</b>			SeqNo: <b>3664628</b>	Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	53	10	50.00	0	106	61.9	130			
Surr: DNOP	4.9		5.000		98.9	69	147			

Sample ID: <b>MB-77873</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>PBS</b>	Batch ID: <b>77873</b>			RunNo: <b>100132</b>						
Prep Date: <b>10/2/2023</b>	Analysis Date: <b>10/2/2023</b>			SeqNo: <b>3664630</b>	Units: <b>mg/Kg</b>					
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		103	69	147			

Sample ID: <b>LCS-77851</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>77851</b>			RunNo: <b>100132</b>						
Prep Date: <b>9/29/2023</b>	Analysis Date: <b>10/2/2023</b>			SeqNo: <b>3665777</b>	Units: <b>%Rec</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.2		5.000		104	69	147			

Sample ID: <b>LCS-77867</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>77867</b>			RunNo: <b>100132</b>						
Prep Date: <b>9/29/2023</b>	Analysis Date: <b>10/2/2023</b>			SeqNo: <b>3665778</b>	Units: <b>%Rec</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.1		5.000		102	69	147			

Sample ID: <b>MB-77851</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>PBS</b>	Batch ID: <b>77851</b>			RunNo: <b>100132</b>						
Prep Date: <b>9/29/2023</b>	Analysis Date: <b>10/2/2023</b>			SeqNo: <b>3665780</b>	Units: <b>%Rec</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	11		10.00		105	69	147			

Sample ID: <b>MB-77867</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>PBS</b>	Batch ID: <b>77867</b>			RunNo: <b>100132</b>						
Prep Date: <b>9/29/2023</b>	Analysis Date: <b>10/2/2023</b>			SeqNo: <b>3665781</b>	Units: <b>%Rec</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	10		10.00		101	69	147			

### 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 Quantitative 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#: 2309H64  
04-Oct-23

Client: ENSOLUM

Project: Canyon Largo Unit 57

Sample ID: mb	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: R100114			RunNo: 100114						
Prep Date:	Analysis Date: 9/30/2023			SeqNo: 3663745		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	1000		1000		103	15	244			

Sample ID: 2.5ug gro lcs	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: R100114			RunNo: 100114						
Prep Date:	Analysis Date: 9/30/2023			SeqNo: 3663765		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	103	70	130			
Surr: BFB	2300		1000		232	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 Quantitative 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#: 2309H64

04-Oct-23

Client: ENSOLUM

Project: Canyon Largo Unit 57

Sample ID: 100ng btex lcs	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: B100114		RunNo: 100114							
Prep Date:	Analysis Date: 9/30/2023		SeqNo: 3663772		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	1.000	0	90.2	70	130			
Toluene	0.91	0.050	1.000	0	91.5	70	130			
Ethylbenzene	0.94	0.050	1.000	0	93.8	70	130			
Xylenes, Total	2.8	0.10	3.000	0	94.2	70	130			
Surr: 4-Bromofluorobenzene	0.93		1.000		93.2	39.1	146			

Sample ID: mb	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: B100114		RunNo: 100114							
Prep Date:	Analysis Date: 9/30/2023		SeqNo: 3663773		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	0.90		1.000		90.4	39.1	146			

### 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 Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		



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: 2309H64

RcptNo: 1

Received By: Tracy Casarrubias 9/30/2023 8:10:00 AM

Completed By: Tracy Casarrubias 9/30/2023 9:26:31 AM

Reviewed By: *Pl 9/30/23*

### 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? Yes ☒ No ☐  
(Note discrepancies on chain of custody)
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? Yes ☒ No ☐  
(If no, notify customer for authorization.)
- # of preserved bottles checked for pH: (<2 or >12 unless noted)
- Checked by: *TMC 9/30/23*

### 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 9/30/23

16. Additional remarks:

### 17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.4	Good	Yes	Yogi		





**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

QUESTIONS  
  
Action 324228

QUESTIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID:
	241602
	Action Number:
	324228
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2327027386
Incident Name	NAPP2327027386 CANYON LARGO #57 @ 0
Incident Type	Natural Gas Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	CANYON LARGO #57
Date Release Discovered	09/26/2023
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Natural Gas Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Corrosion   Pipeline (Any)   Condensate   Released: 5 BBL   Recovered: 0 BBL   Lost: 5 BBL.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

QUESTIONS, Page 2

Action 324228

**QUESTIONS (continued)**

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID:	241602
	Action Number:	324228
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>More info needed to determine if this will be treated as a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>No</b>
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

**Initial Response**

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.*

The source of the release has been stopped	<b>True</b>
The impacted area has been secured to protect human health and the environment	<b>True</b>
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	<b>True</b>
All free liquids and recoverable materials have been removed and managed appropriately	<b>True</b>
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

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

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

I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 12/13/2023
--	---



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

QUESTIONS, Page 3

Action 324228

**QUESTIONS (continued)**

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID:	241602
	Action Number:	324228
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS****Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	OCD Imaging Records Lookup
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 300 and 500 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 300 and 500 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	None
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**

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

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

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

Chloride (EPA 300.0 or SM4500 Cl B)	60
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	84
GRO+DRO (EPA SW-846 Method 8015M)	87
BTEX (EPA SW-846 Method 8021B or 8260B)	0.1
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1

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

On what estimated date will the remediation commence	09/29/2023
On what date will (or did) the final sampling or liner inspection occur	09/29/2023
On what date will (or was) the remediation complete(d)	09/29/2023
What is the estimated surface area (in square feet) that will be reclaimed	240
What is the estimated volume (in cubic yards) that will be reclaimed	84
What is the estimated surface area (in square feet) that will be remediated	240
What is the estimated volume (in cubic yards) that will be remediated	84

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

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

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QUESTIONS, Page 4

Action 324228

**QUESTIONS (continued)**

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID:	241602
	Action Number:	324228
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS****Remediation Plan (continued)**

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

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	ENVIROTECH LANDFARM #2 [FEEM0112336756]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	No
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Yes
What is the name of the NMED facility	Envirotech Land Farm
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

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

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

I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 03/18/2024
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 324228

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID:
	241602
	Action Number:
	324228
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

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



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Action 324228

**QUESTIONS (continued)**

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID:	241602
	Action Number:	324228
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	294103
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/29/2023
What was the (estimated) number of samples that were to be gathered	4
What was the sampling surface area in square feet	200

**Remediation Closure Request**

*Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.*

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	240
What was the total volume (cubic yards) remediated	84
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	540
What was the total volume (in cubic yards) reclaimed	84
Summarize any additional remediation activities not included by answers (above)	None

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

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

I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 03/18/2024
--	---

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QUESTIONS, Page 7  
  
Action 324228

QUESTIONS (continued)

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QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS  
  
Action 324228

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 324228
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	4/25/2024