ENSOLUM

CLOSURE REPORT

Property:

Trunk A Loop Receiver
Unit Letter D, S13 T29N R11W
San Juan County, New Mexico

New Mexico EMNRD OCD Incident ID No. NAPP2500746223

April 11, 2025

Ensolum Project No. 05A1226357

Prepared for:

Enterprise Field Services, LLC
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Farmington, NM 87401
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Prepared by:

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Project Scientist

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1.0 INTRODUCTION

1.1 Site Description & Background

Operator:	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)
Site Name:	Trunk A Loop Receiver (Site)
NM EMNRD OCD Incident ID No.	NAPP2500746223
Location:	36.732633° North, 107.949047° West Unit Letter D, Section 13, Township 9 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 December 17, 2024, Enterprise personnel identified a potential release of natural gas associated liquids from the Trunk A Loop Receiver sump line. On January 7, 2025, after hydro-excavating and delineating part of the release area, Enterprise determined the release was "reportable" due to the potential volume of petroleum hydrocarbon-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). Numerous PODs were identified in the same and adjacent PLSS sections. The average depth to water (DTW) for the PODs is 65 feet below grade surface (bgs). The closest POD with a listed depth to water (SJ-04254-POD1) is approximately 0.53 miles west of the site and approximately 25 feet lower in elevation than the Site. The recorded DTW for this POD is 63 feet bgs. POD SJ-04254-POD2 is approximately 0.56 miles west of the site and approximately 19 feet lower in elevation than the Site. The recorded DTW for this POD is 60 feet bgs. POD SJ-04254-POD4

is approximately 0.58 miles northwest of the site and approximately 10 feet lower in elevation than the Site. The recorded DTW for this POD is 41 feet bgs.

- Four cathodic protection wells (CPW) were identified in the NM EMNRD OCD imaging database in an adjacent PLSS section, and no CPWs were identified in the same PLSS section as the Site. Documentation for the closest cathodic protection well located near the Garrett Federal Com #1 and Garrett B #1 production pads indicates a depth to water of 230 feet bgs. This cathodic protection well is located approximately 0.63 miles northeast of the Site and is approximately 94 feet higher in elevation than the Site. Documentation for the cathodic protection well located near the Hubbel #3E, #8, and #14 production pads indicates a depth to water of 120 feet bgs. This cathodic protection well is located approximately 1.64 miles east of the Site and is approximately 17 feet lower in elevation than the Site. Documentation for the cathodic protection well located near the Bunce #2 and #3 production pads indicates a depth to water of 120 feet bgs. This cathodic protection well is located approximately 1.98 miles southeast of the Site and is approximately 54 feet lower in elevation than the Site.

- The Site is not located within 300 feet of a NM EMNRD OCD-defined continuously flowing watercourse or significant watercourse (**Figure C**, **Appendix B**).

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

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

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

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

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

- Based on information identified in the U.S. Fish & Wildlife Service National Wetlands Inventory Wetlands Mapper, the Site is not within 300 feet of a wetland (**Figure F**, **Appendix B**). The closest wetland is a pond located approximately 1,948 feet southwest of the Site.

- 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 in a 100-year floodplain (**Figure H**, **Appendix B**).

Based on POD DTW data, the depth to water at the Site may be less than 50 feet beneath the bottom of the excavation, resulting in a Tier I ranking. The closure criteria for soils remaining in place at the Site include:

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

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

3.0 SOIL REMEDIATION ACTIVITIES

On January 7, 2024, Enterprise initiated activities to remediate petroleum hydrocarbon impact resulting from the release. During the remediation and corrective action activities, Riley Industrial, Inc. Riley) and Sunland Construction, Inc. (Sunland) provided heavy equipment and labor support, while Ensolum provided environmental consulting support. Initial daylighting and excavation activities were performed by Riley with a hydro-excavator. The sump was ultimately removed from service and the remediation excavation was finished with a backhoe and an excavator (Sunland).

The excavation measured approximately 21.5 feet long and 19.5 feet wide at the maximum extents. The maximum depth of the excavation measured approximately 20 feet bgs, with a footprint of approximately 419 ft^2. The lithology encountered during the completion of remediation activities consisted primarily of silty sand and clay.

Approximately 334 cubic yards (yd^3) of petroleum hydrocarbon-affected soils and 255 barrels (bbls) of hydro-excavation soil cuttings and water, were transported to the Envirotech, Inc., (Envirotech) landfarm in San Juan County, NM for disposal/remediation. The executed C-138 solid waste acceptance form is provided in **Appendix C**. The excavation was backfilled with imported fill and then contoured to the surrounding grade to create a suitable driving surface.

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 the excavation extents.

Ensolum's soil sampling program included the collection of 13 composite soil samples (S-1 through S-13) from the excavation and three composite samples (BF-1, BF-2, and BF-3)) from the backfill for laboratory analysis. The composite samples were comprised of five aliquots each and represent an estimated 200 square foot (ft^2) or less sample area per guidelines outlined in Section D of 19.15.29.12 NMAC. The excavator bucket and/or hand tools were utilized to obtain fresh aliquots from each area of the excavation and backfill. Regulatory correspondence is provided in **Appendix E**.

First Sampling Event

On January 9, 2025, sampling was performed at the Site. The NM EMNRD OCD was notified of the sampling event although no representative was present during sampling activities. Composite soil samples S-1 (20'), S-2 (20'), and S-3 (20') were collected from the floor of the excavation. Composite soil samples S-3 (0' to 20'), S-4 (0' to 20'), S-5 (0' to 20'), S-6 (0' to 20'), S-7 (0' to 20'), S-8 (0' to 20'), S-9 (0' to 20'), S-10 (0' to 20'), S-11 (0' to 20'), S-12 (0' to 20'), and S-13 (0' to 20') were collected from the walls of the excavation. Composite soil samples BF-1, BF-2, and BF-3 were collected from the imported backfill.

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

5.0 SOIL LABORATORY ANALYTICAL METHODS

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

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

6.0 SOIL DATA EVALUATION

Ensolum compared the benzene, BTEX, TPH, and chloride laboratory analytical results or laboratory practical quantitation limits (PQLs) / reporting limits (RLs) associated with the composite soil samples (S-1 through S-13 and BF-1) to the applicable NM EMNRD OCD closure criteria. Due to the high PQLs/RLs associated with the TPH MRO results when using EPA SW-846 Method 8015, Ensolum only compared the quantified TPH results to the New Mexico EMNRD OCD closure criteria. The laboratory analytical results are summarized in **Table 1** (**Appendix F**).

- The laboratory analytical results for the composite soil samples indicate that benzene is not present in soils remaining at the Site 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 that total BTEX is not present in the soils remaining at the Site at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 50 mg/kg.

- The laboratory analytical results for the composite soil samples indicate total combined TPH GRO/DRO/MRO is not present in the soils remaining at the Site at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 100 mg/kg.

- The laboratory analytical results for the composite soil samples indicate chloride is not present in the soils remaining at the Site at concentrations greater than the laboratory PQLs/RLs, which is less than the NM EMNRD OCD closure criteria of 600 mg/kg.

7.0 RECLAMATION

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

8.0 REVEGETATION

Revegetation will be addressed in accordance with 19.15.29.13 NMAC utilizing the recommended seed mix as described in the Vegetation Community Descriptions and Seed Mixes provided by the BLM Farmington Field Office. In this case the surrounding vegetation is predominantly of the Sagebrush Vegetation Community. Enterprise will reseed the area with the appropriate seed mix once the Trunk A Loop pigging receiver area is no longer in active use. At that time, a revegetation report will be provided under separate cover.

9.0 FINDINGS AND RECOMMENDATION

- Sixteen 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 334 yd^3 of petroleum hydrocarbon-affected soils and 255 bbls of hydro-excavation soil cuttings and water were transported to the Envirotech landfarm for disposal/remediation.

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

10.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

10.1 Standard of Care

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

10.2 Limitations

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

10.3 Reliance

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

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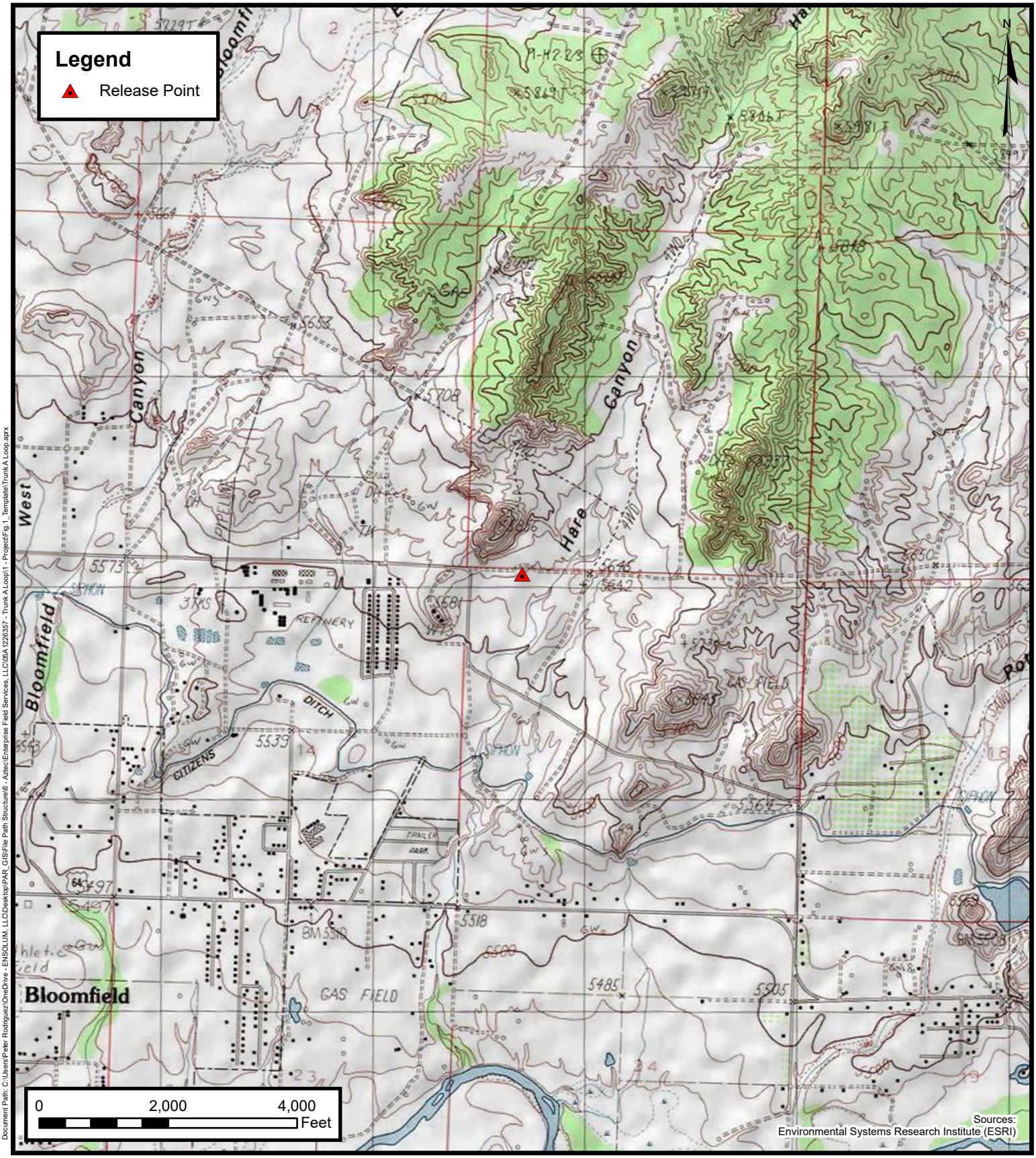
APPENDIX A

Figures



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Environmental, Engineering and Hydrogeologic Consultants

Topographic Map

Enterprise Field Services, LLC
Trunk A Loop
Project Number: 05A1226357
Unit Letter D, S13 T29N R11W, San Juan County, New Mexico
36.732633, -107.949047

FIGURE
1

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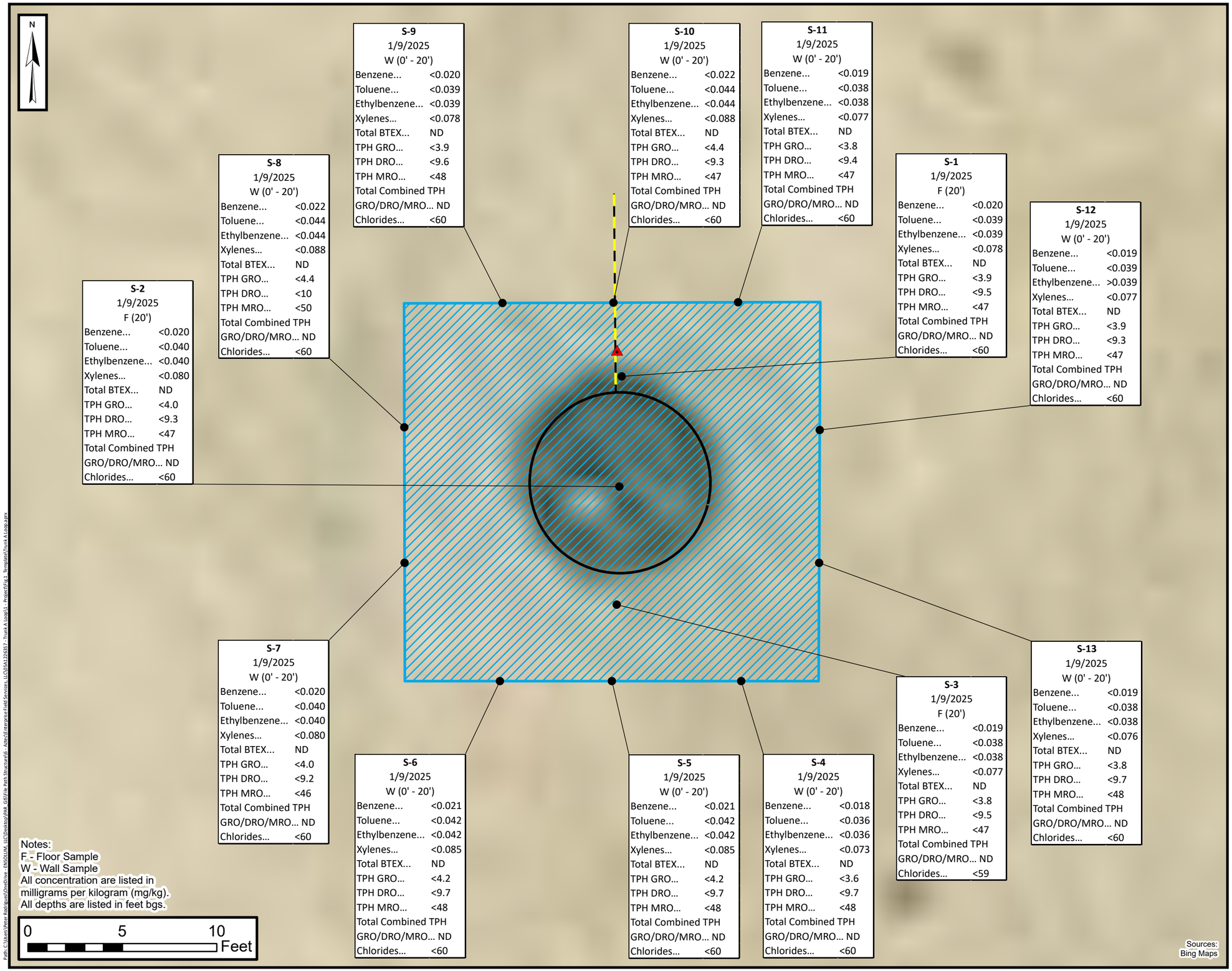
Site Vicinity Map

Enterprise Field Services, LLC
Trunk A Loop
Project Number: 05A1226357
Unit Letter D, S13 T29N R11W, San Juan County, New Mexico
36.732633, -107.949047

FIGURE
2



LEGEND

- Point of Release
- Composite Soil Sample Location
- Former Sump Tank
- Trunk A Loop Pipeline
- Excavation Extent

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Site Map with Soil Analytical Results

Enterprise Field Services, LLC
Trunk A Loop

Unit Letter D, S13 T29N R11W
San Juan County, New Mexico
36.732633, -107.949047

Figure 3

Project Number: 05A1226357

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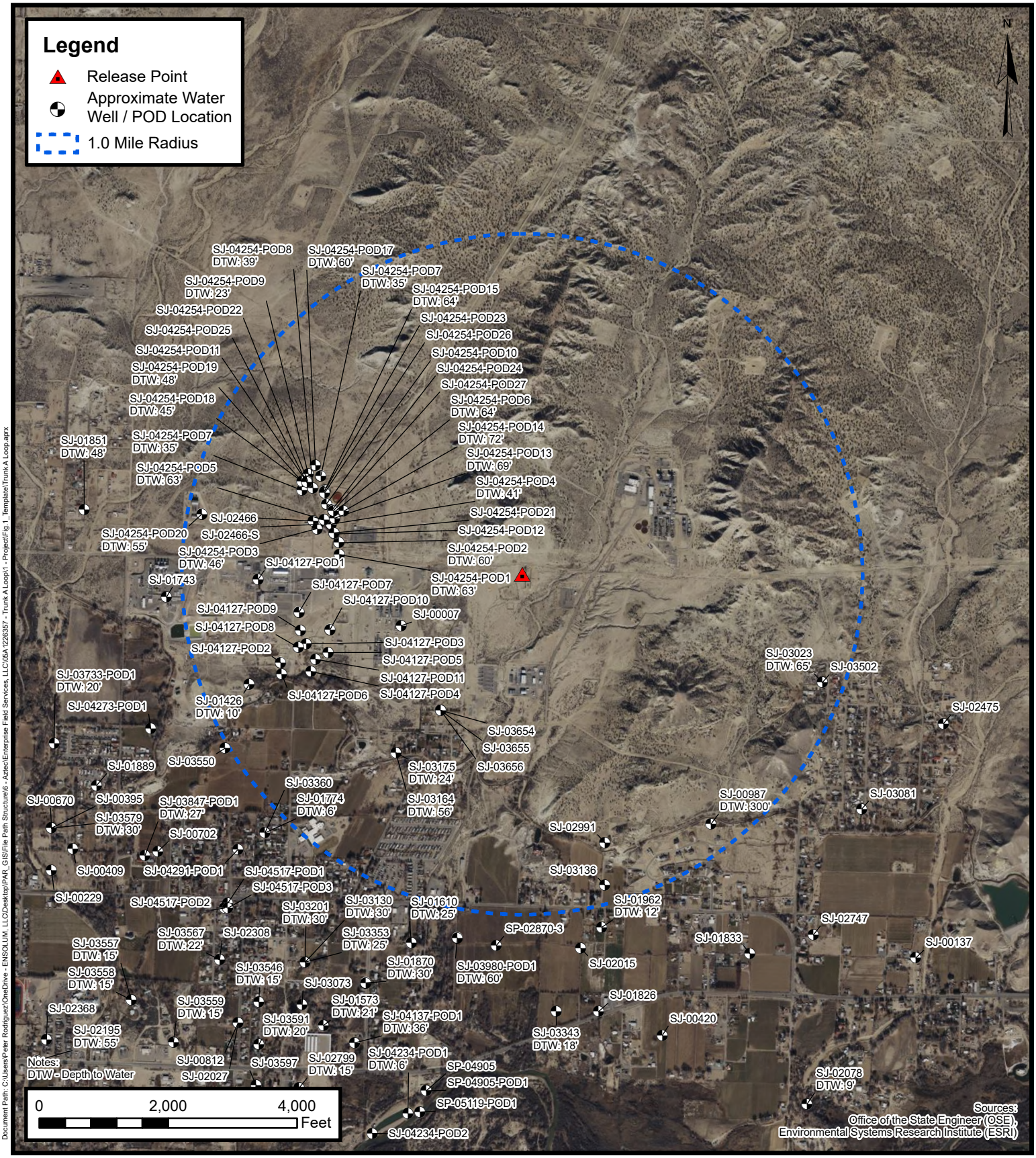
APPENDIX B

Siting Figures and Documentation



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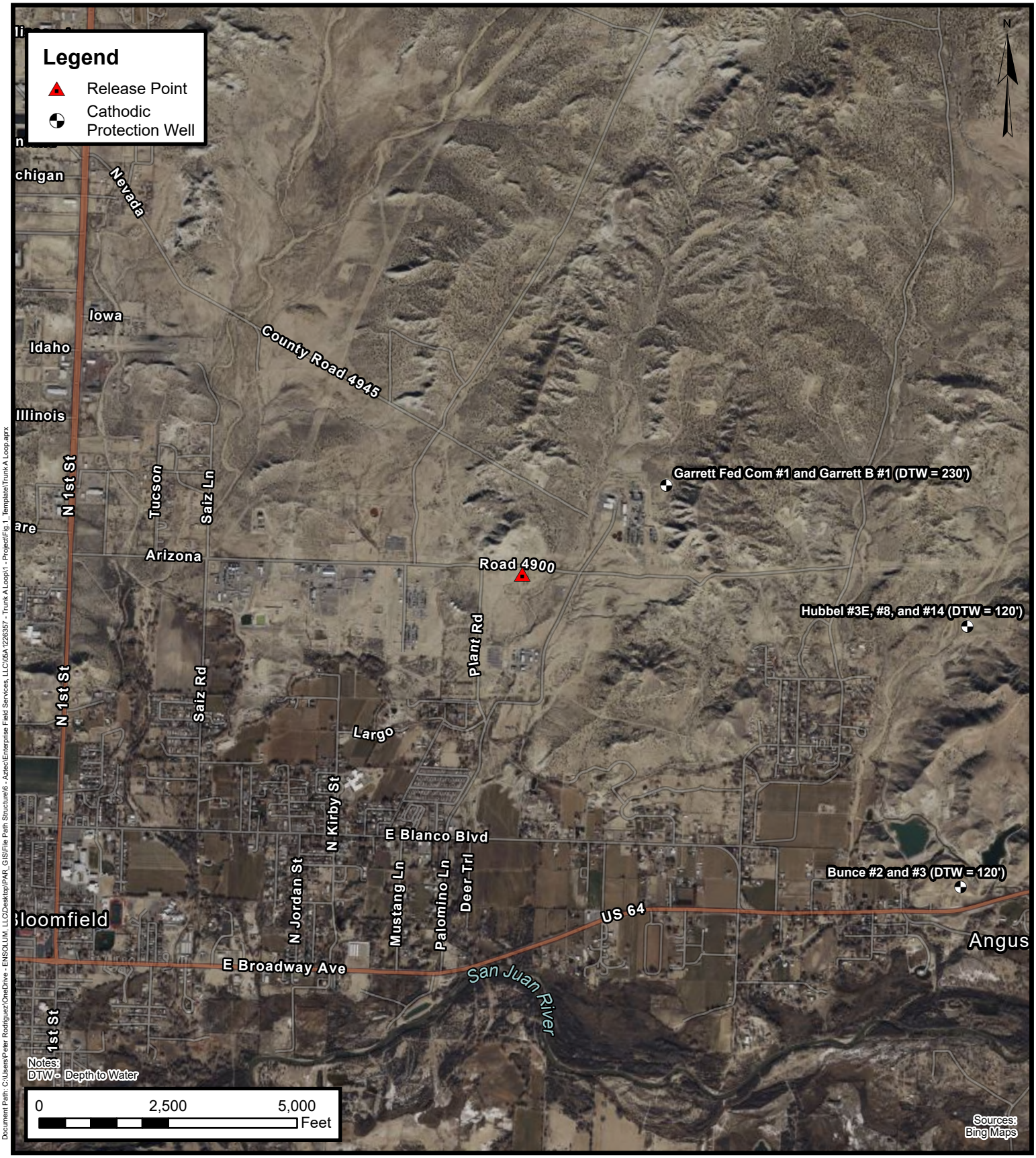
1.0 Mile Radius Water Well / POD Location Map

Enterprise Field Services, LLC
Trunk A Loop
Project Number: 05A1226357
Unit Letter D, S13 T29N R11W, San Juan County, New Mexico 36.732633, -107.949047

FIGURE

A



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Cathodic Protection Well
Recorded Depth to Water
Enterprise Field Services, LLC
Trunk A Loop
Project Number: 05A1226357
Unit Letter D, S13 T29N R11W, San Juan County, New Mexico
36.732633, -107.949047

FIGURE
B

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300 Foot Radius Watercourse and Drainage Identification

Enterprise Field Services, LLC
Trunk A Loop
Project Number: 05A1226357
Unit Letter D, S13 T29N R11W, San Juan County, New Mexico
36.732633, -107.949047

FIGURE

C

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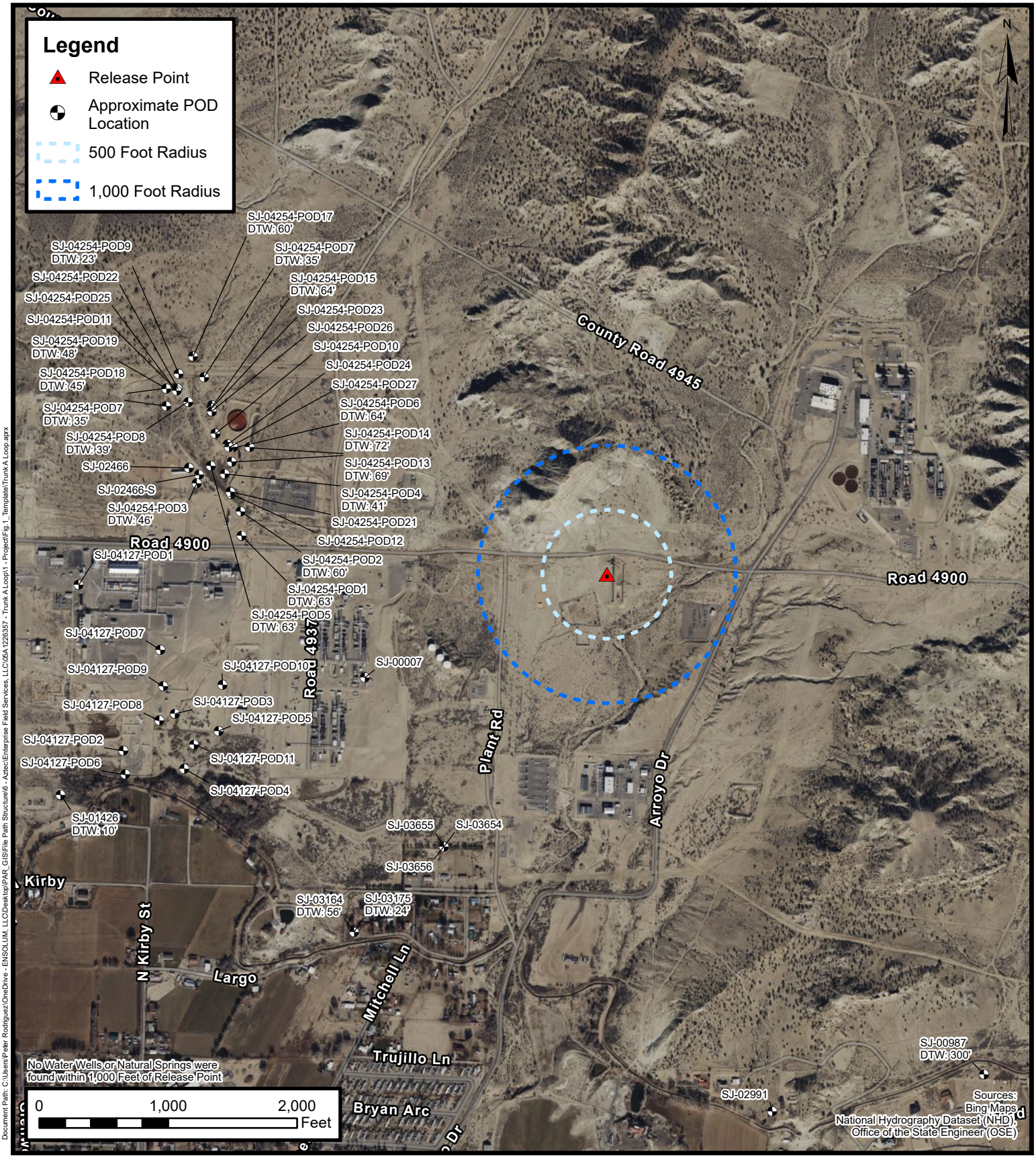
300 Foot Radius Occupied Structure Identification

Enterprise Field Services, LLC
Trunk A Loop
Project Number: 05A1226357
Unit Letter D, S13 T29N R11W, San Juan County, New Mexico
36.732633, -107.949047

FIGURE

D



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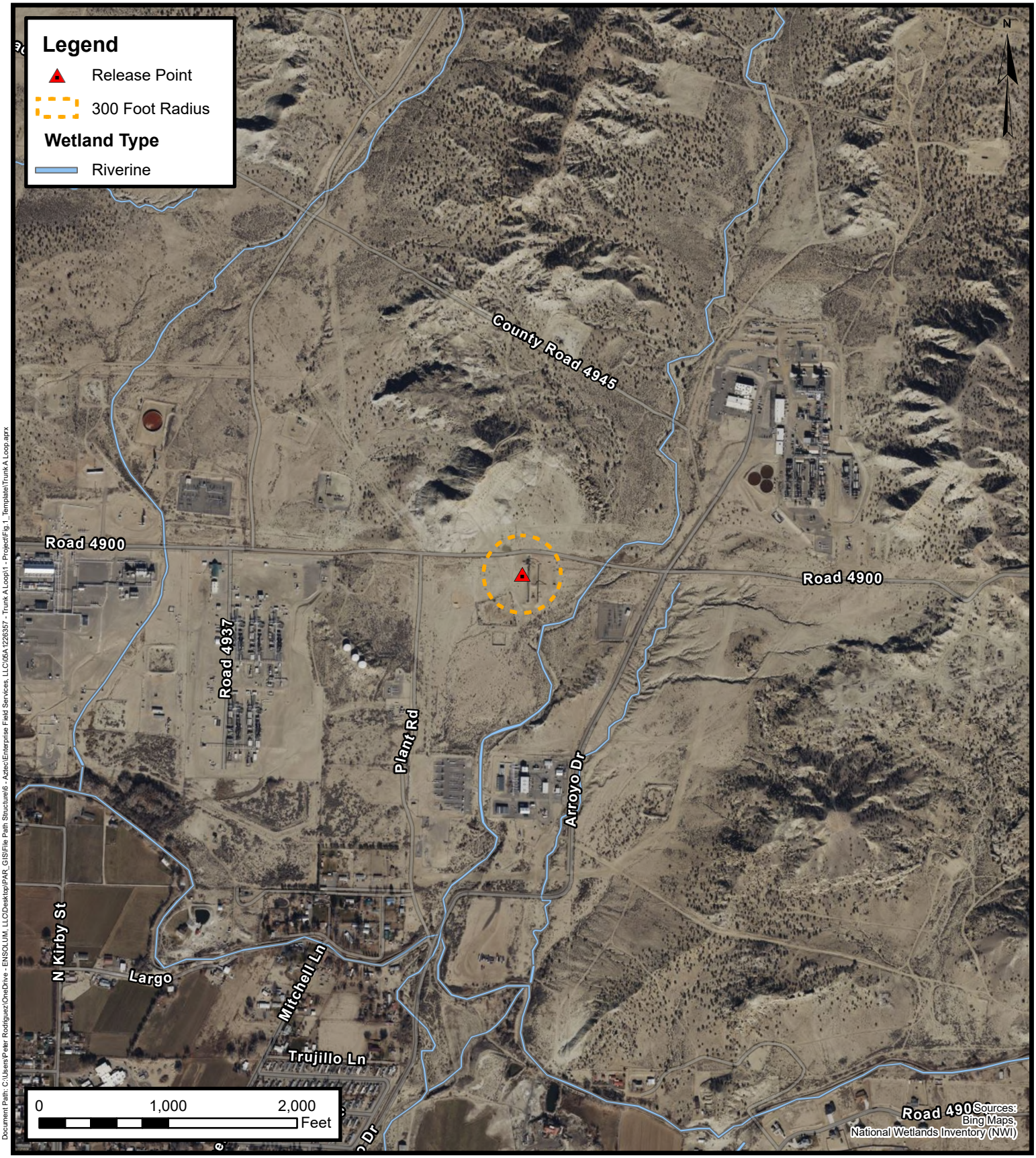
Water Well and Natural Spring Location

Enterprise Field Services, LLC
Trunk A Loop
Project Number: 05A1226357
Unit Letter D, S13 T29N R11W, San Juan County, New Mexico
36.732633, -107.949047

FIGURE
E



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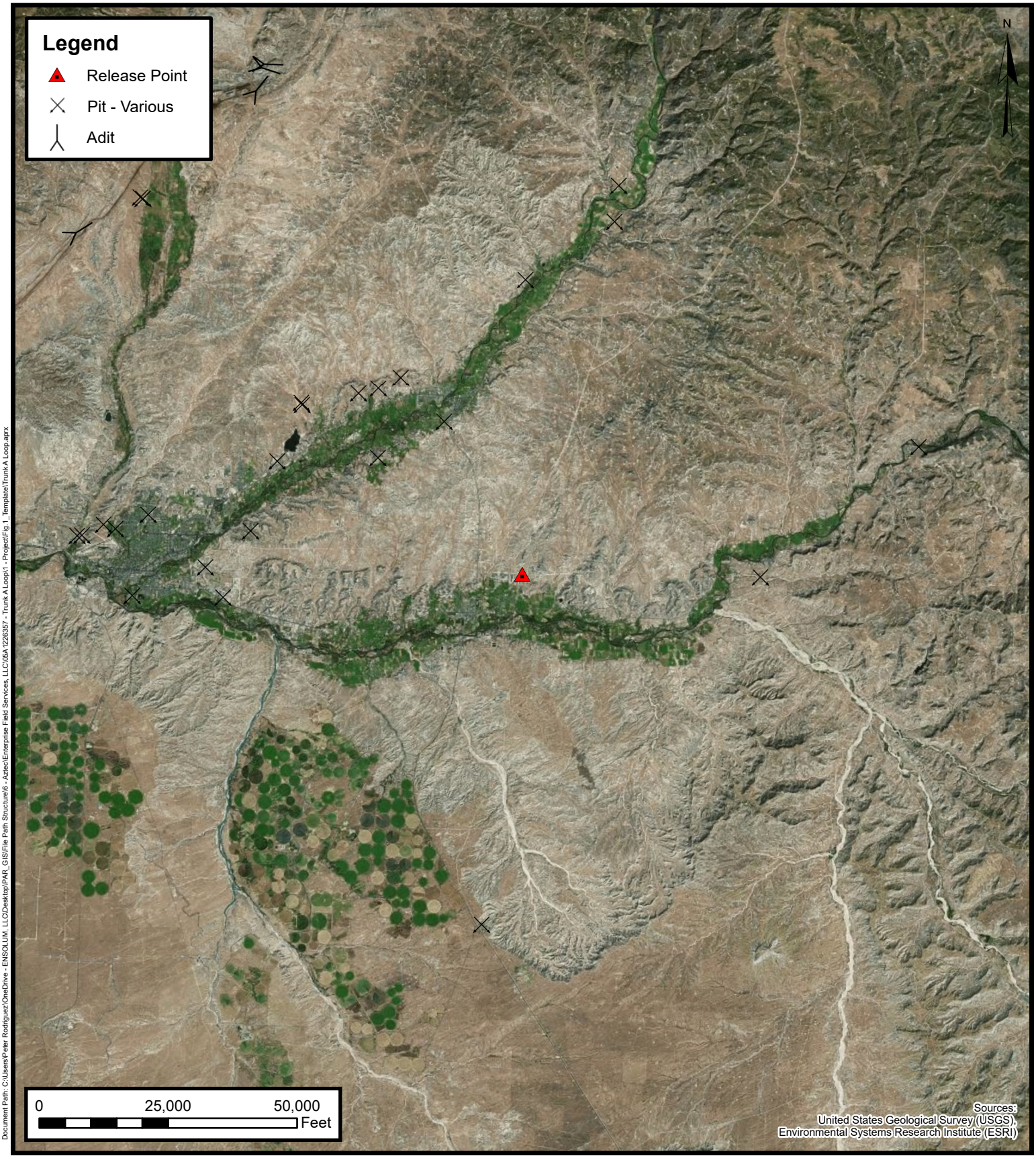
Wetlands

Enterprise Field Services, LLC
Trunk A Loop
Project Number: 05A1226357
Unit Letter D, S13 T29N R11W, San Juan County, New Mexico
36.732633, -107.949047

FIGURE
F



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Mines, Mills, and Quarries

Enterprise Field Services, LLC
Trunk A Loop
Project Number: 05A1226357
Unit Letter D, S13 T29N R11W, San Juan County, New Mexico
36.732633, -107.949047

FIGURE

G

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100-Year Flood Plain Map

Enterprise Field Services, LLC
Trunk A Loop
Project Number: 05A1226357
Unit Letter D, S13 T29N R11W, San Juan County, New Mexico
36.732633, -107.949047

FIGURE
H

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Well Depth	Depth Water	Water Column
SJ 00303		SJM2	SJ		SW	SW	19	29N	10W	238091.0	4066265.0 *		20	5	15
SJ 02078		SJM2	SJ	NW	NW	SW	19	29N	10W	238004.0	4066763.0 *		40	9	31
SJ 02860		SJM2	SJ	SE	SE	SE	19	29N	10W	239382.0	4066150.0 *		21	2	19
SJ 03023		SJM2	SJ	NW	SW	NW	18	29N	10W	238077.0	4068756.0 *		90	65	25
SJ 03081		SJM2	SJ	SE	NW	SW	18	29N	10W	238263.0	4068158.0 *		20		
SJ 03502		SJM2	SJ	NW	SW	NW	18	29N	10W	238077.0	4068756.0 *		150		
SJ 04469 POD1		SJM2	SJ	SE	SW	SE	19	29N	10W	238938.3	4066165.6		100		
SJ 04502 POD1		SJM2	SJ	NE	SE	SE	19	29N	10W	239466.1	4066262.5		100	50	50

Average Depth to Water: **26 feet**

Minimum Depth: **2 feet**

Maximum Depth: **65 feet**

Record Count: 8

Basin/County Search:
Basin: SJ

PLSS Search:
Range: 10W
Township: 29N
Section: 7,18,19

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

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Well Depth	Depth Water	Water Column
SJ 00007		SJM2	SJ	SW	NE	NE	14	29N	11W	236085.0	4069024.0 *		752		
SJ 00812		SJM2	SJ		SE	NW	23	29N	11W	235313.0	4067146.0 *		44		
SJ 00987		SJM2	SJ			SE	13	29N	11W	237549.0	4068086.0 *		415	300	115
SJ 01426		SJM2	SJ		SE	NW	14	29N	11W	235366.0	4068747.0 *		155	10	145
SJ 01573		SJM2	SJ		SW	NE	23	29N	11W	235717.0	4067135.0 *		41	21	20
SJ 01610		SJM2	SJ		NE	NE	23	29N	11W	236133.0	4067524.0 *		52	25	27
SJ 01774		SJM2	SJ	NE	SE	SW	14	29N	11W	235440.0	4068045.0 *		82	6	76
SJ 01870		SJM2	SJ			NE	23	29N	11W	235918.0	4067336.0 *		58	30	28
SJ 01962		SJM2	SJ	NE	NE	NW	24	29N	11W	237033.0	4067599.0 *		45	12	33
SJ 02466		SJM2	SJ	SW	SW	SE	11	29N	11W	235669.0	4069518.7		66		
SJ 02466 S		SJM2	SJ	SW	SW	SE	11	29N	11W	235693.1	4069503.5		65		
SJ 02799		SJM2	SJ	NW	NW	SE	23	29N	11W	235602.0	4066839.0 *		56	15	41
SJ 02991		SJM2	SJ	NE	SE	SW	13	29N	11W	237048.0	4067998.0 *		60		
SJ 03073		SJM2	SJ	NW	SW	NE	23	29N	11W	235616.0	4067234.0 *		30		
SJ 03130		SJM2	SJ	SW	NW	NE	23	29N	11W	235631.0	4067434.0 *		50	30	20
SJ 03136		SJM2	SJ	SE	SE	SW	13	29N	11W	237048.0	4067798.0 *		20		
SJ 03164		SJM2	SJ	NW	NE	SE	14	29N	11W	236060.0	4068423.0 *		75	56	19
SJ 03175		SJM2	SJ	NW	NE	SE	14	29N	11W	236060.0	4068423.0 *		60	24	36
SJ 03201		SJM2	SJ	SW	NW	NE	23	29N	11W	235631.0	4067434.0 *		60	30	30
SJ 03286		SJM2	SJ	NW	SW	SW	23	29N	11W	234784.0	4066470.0 *		38	28	10
SJ 03343		SJM2	SJ	NW	SE	NW	24	29N	11W	236818.0	4067200.0 *		35	18	17
SJ 03353		SJM2	SJ	SW	NW	NE	23	29N	11W	235631.0	4067434.0 *		45	25	20
SJ 03360		SJM2	SJ	NE	SE	SW	14	29N	11W	235440.0	4068045.0 *		40		
SJ 03546		SJM2	SJ	NE	SE	NW	23	29N	11W	235412.0	4067245.0 *		50	15	35
SJ 03548		SJM2	SJ	NW	NW	SE	23	29N	11W	235602.0	4066839.0 *		50	15	35
SJ 03550		SJM2	SJ	NW	NE	SW	14	29N	11W	235252.0	4068445.0 *		10		
SJ 03557		SJM2	SJ	NW	SW	NW	23	29N	11W	234808.0	4067256.0 *		50	15	35
SJ 03558		SJM2	SJ	NW	SW	NW	23	29N	11W	234808.0	4067256.0 *		50	15	35
SJ 03559		SJM2	SJ	SE	SW	NW	23	29N	11W	235008.0	4067056.0 *		45	15	30
SJ 03567		SJM2	SJ	SW	NE	NW	23	29N	11W	235226.0	4067445.0 *		50	22	28
SJ 03591		SJM2	SJ	SE	SE	NW	23	29N	11W	235412.0	4067045.0 *		55	20	35
SJ 03847 POD1		SJM2	SJ	SW	SW	SW	14	29N	11W	234873.3	4067937.3		74	27	47
SJ 03980 POD1		SJM2	SJ	SE	SE	SW	14	29N	11W	236350.8	4067548.9		70	60	10
SJ 04137 POD1		SJM2	SJ	SE	SW	NE	23	29N	11W	235864.6	4067052.1		44	36	8
SJ 04234 POD1		SJ	SJ				23	29N	11W	236117.0	4066717.5		11	6	5
SJ 04234 POD2		SJ	SJ				23	29N	11W	235948.4	4066623.7		10		
SJ 04254 POD1		SJ	SJ		SW	SE	11	29N	11W	235793.0	4069359.7		100	63	37

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

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

(quarters are smallest to largest)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Well Depth	Depth Water	Water Column
SJ 04254 POD13		SJ	SJ		SW	SE	11	29N	11W	235770.0	4069533.5		73	69	4
SJ 04254 POD14		SJ	SJ		SW	SE	11	29N	11W	235812.8	4069567.7		78	72	6
SJ 04254 POD15		SJ	SJ		SW	SE	11	29N	11W	235724.4	4069665.8		65	64	1
SJ 04254 POD16		SJ	SJ		SW	SE	11	29N	11W	235705.2	4069733.3		52	40	12
SJ 04254 POD17		SJ	SJ		SW	SE	11	29N	11W	235679.1	4069783.2		86	60	26
SJ 04254 POD18		SJ	SJ		SW	SE	11	29N	11W	235615.5	4069707.1		64	40	24
SJ 04254 POD19		SJ	SJ		SW	SE	11	29N	11W	235615.5	4069707.1		55	48	7
SJ 04254 POD2		SJ	SJ		SW	SE	11	29N	11W	235791.0	4069416.2		102	60	42
SJ 04254 POD20		SJ	SJ		SW	SE	11	29N	11W	235143.0	4069552.3		60	55	5
SJ 04254 POD3		SJ	SJ		SW	SE	11	29N	11W	235687.7	4069482.1		85	46	39
SJ 04254 POD4		SJ	SJ		SW	SE	11	29N	11W	235754.0	4069504.7		100	41	59
SJ 04254 POD5		SJ	SJ		SW	SE	11	29N	11W	235720.8	4069524.2		100	63	37
SJ 04254 POD6		SJ	SJ		SW	SE	11	29N	11W	235774.3	4069567.6		100	64	36
SJ 04254 POD7		SJ	SJ		SW	SE	11	29N	11W	235615.4	4069664.8		85	35	50
SJ 04254 POD8		SJ	SJ		SW	SE	11	29N	11W	235667.1	4069675.5		88	39	49
SJ 04254 POD9		SJ	SJ		SW	SE	11	29N	11W	235645.1	4069741.3		79	23	56
SJ 04273 POD1		SJM2	SJ	NW	NW	SW	14	29N	11W	234900.2	4068537.8		50		
SJ 04291 POD1		SJM2	SJ	NW	SE	SW	14	29N	11W	235313.5	4067967.2		55		

Average Depth to Water: **40 feet**

Minimum Depth: **6 feet**

Maximum Depth: **300 feet**

Record Count: 55

Basin/County Search:
Basin: SJ

PLSS Search:
Range: 11W
Township: 29N
Section: 11,12,13,14,23,24

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

Com #1 30-045-08501

B #1 30-045-23115

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

Operator Texaco E&P Inc. Location: Unit B Sec. 12 Twp 29N Rng 11W

Name of Well/Wells or Pipeline Serviced Garrett Fed Com #1
Garrett "B" #1

Elevation ____ Completion Date 11/19/74 Total Depth 291' Land Type* ____

Casing, Sizes, Types & Depths 6 3/4" hole to 280'

If Casing is cemented, show amounts & types used Unknown

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

Depths & thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. See attached log

Depths gas encountered: ____

Type & amount of coke breeze used: 1200#

Depths anodes placed: See attached log

Depths vent pipes placed: ____

Vent pipe perforations: ____

Remarks: ____

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.

WELL TYPE GROUNDBED D. A

DATA SHEET NO. 1

COMPANY GETTY OIL COMPANY JOB No. 7980 DATE: 11-19-74

WELL: GARRETT FEDERAL COM #1 PIPELINE:

LOCATION: SEC 12 TWP. 29 RGE. 11 CO SAN JUAN STATE NEW MEXICO

ELEV. _____ FT: ROTARY _____ FT: CABLE TOOL _____ FT: CASING _____ FT.

GROUNDBED: DEPTH 280' FT. DIA. 6¾" IN. GAB 1960 LBS. ANODES 10 - CD - D51

DEPTH, FT.	DRILLER'S LOG	DRILL PIPE TO STRUCTURE			EXPLORING ANODE TO STRUCTURE			DEPTH, TOP OF ANODES
		E	I	R	E	I	R	
150					12.0	2.9		10. 150'
						2.4		
60						2.5		9. 160'
						2.8		
70						2.4		8 170'
						2.5		
80						2.8		7. 180'
						2.8		
90						3.1		6.-190'
						2.8		
200						2.6		5.-200'
						2.6		
10						2.7		4-210'
						2.6		
20						2.2		
						1.7		
30						2.2		
						2.9		3.-235'
40						2.7		
						3.0		2.-245'
50						2.9		
						2.9		1.255'
60						2.9		
						2.3		
70						1.5		
						1.7		
80						1.7		
						1.5		
90								
	T.D. 291'							

GROUNDBED RESISTANCE: (1) VOLTS 12.0 - AMPS 23.0 = .52 OHMS

(2) VIBROGROUND _____ OHMS

STORM WATER WELL DRILLING INC.

Log No 5

DIAMOND CORE DRILLING
DIAMOND DRILLING EQUIPMENT
GROUTING
FOUNDATION TESTING
MINING
QUARRYING
SHAFT SINKING
WATER WELL DRILLING

CONTRACTORS
14991 W. 44TH AVENUE
GOLDEN, COLORADO 80401
PHONE (303) 278-9505

GENERAL OFFICE
14991 W. 44TH AVENUE
BAILEY OFFICE
CALL 1-838-4821

Drill CP 650 Date 11-19-74

Owner U.F.S. Garrett Federal com No. 1

Location
City Farmington State N. M. County

From	To	Formation	Color	Hardness
0	55	Top Soil + Clay		SOFT
55	65	Shale	Brn.	SOFT
65	75	SAND Stone	Gray & White	DAMP SOFT
75	80	Sand	Gray	med DAMP
80	140	Shale	Blue.	Med.
140	180	Sand stone w/ clay Stringers		(wet)
180	230	Shale	Blue,	med.
230	235	Sand stone	Blue,	med WATER
235	240	Shale w/ Sand Stringers	Blue	med.
240	285	Sand stone	blue & white.	med
285	305	Shale - Sand stone	Grey	med.
	T.D. 305'			
		Injection @ 240		
		Damp @ 65 to 75		
		140-160		
		Water 230 to 235		

Total Hours
Equipment Down Time
Hours Drilling 2
Driller J Kupp.
Helper
Helper

C.P.S. Time
S.W.W.D.I. Time
Total Footage

Approval of
C.P.S. Engineer

30-045-21945

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

Operator Texaco E&P Inc. Location: Unit A Sec. 19 Twp 29N Rng 10W

Name of Well/Wells or Pipeline Serviced Bunce Fed. Com #1A

Elevation ____ Completion Date 3/18/63 Total Depth 200' Land Type* ____

Casing, Sizes, Types & Depths ____

If Casing is cemented, show amounts & types used ____

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

Depths & thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. ____

Depths gas encountered: ____

Type & amount of coke breeze used: 1200#

Depths anodes placed: ____

Depths vent pipes placed: ____

Vent pipe perforations: ____

Remarks: ____

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.

#2 30-045-25370
#3 30-045-25372

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

Operator Meridian Oil Inc. Location: Unit A Sec. 19 Twp 29 Rng 10

Name of Well/Wells or Pipeline Serviced
Bunce #2 and #3

Elevation 5558' Completion Date 11/24/95 Total Depth 428' Land Type P

Casing Strings, Sizes, Types & Depths 11/18 Set 100' of 8" PVC Casing. No Gas or Water, But 16' (14'-30') of Boulders Were Encountered During Casing.

If Casing Strings are cemented, show amounts & types used Cemented with 20 sacks.

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

Depths & thickness of water zones with description of water: Fresh, Clear, Salty, Sulphur, Etc. Hit Fresh Water at 120'. A Water Sample was Taken.

Depths gas encountered: None

Ground bed depth with type & amount of coke breeze used: 428' Depth. Used 54 sacks of Loresco SW (5400#)

Depths anodes placed: 405', 395', 360', 315', 305', 295', 280', 270', 260', 188', 180', 170', 160', 150', & 140'.

Depths vent pipes placed: Surface to 428'

Vent pipe perforations: Bottom 300'

Remarks:

RECEIVED
JAN 11 1996
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.

1206

3E - 30-045-23881
8 - 30-045-20842
14 - 30-045-21453

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

Operator MERIDIAN OIL Location: Unit NE Sec. 18 Twp 29 Rng 10

Name of Well/Wells or Pipeline Serviced HUBBELL #3E, #8, #14

cps 1561w

Elevation 5604' Completion Date 9/8/81 Total Depth 400' Land Type* N/A

Casing, Sizes, Types & Depths N/A

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

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

N/o

Depths & thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. 120' - 140' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 380', 355', 340', 320', 280', 265', 245', 220', 195', 180'

Depths vent pipes placed: 400'

Vent pipe perforations: 300'

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.

El Paso Natural Gas Company
Form 7-238 (Rev. 11-71)

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐ HUBBELL E #3E

Completion Date 9-8-81

Well Name	Location	CPS No.
HUBBELL #8	NE 18-29-10	1561 W

Type & Size Bit Used	Work Order No.
HUBBELL #14	57813-21-50-2 ✓ J 54936-19 ✓ J

Anode Hole Depth	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
400'				55729-21-✓ ✓

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Anode Depth	380	355	340	320	280	265	245	220	195	180
Anode Output (Amps)	4.58	4.23	5.55	5.63	3.70	3.88	3.81	3.95	5.52	5.49

	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20
Anode Depth										
Anode Output (Amps)										

Total Circuit Resistance			No. 8 C.P. Cable Used	No. 2 C.P. Cable Used
Volts 11.7	Amps 23.0	Ohms .50		

Remarks: WET 120-140' 15 MIN BLOW SAMPLE
STATIC ON HUBBELL "E" # 3 = .83 W
100' 1" PLAIN VENT PIPE BALANCE PERFORATED

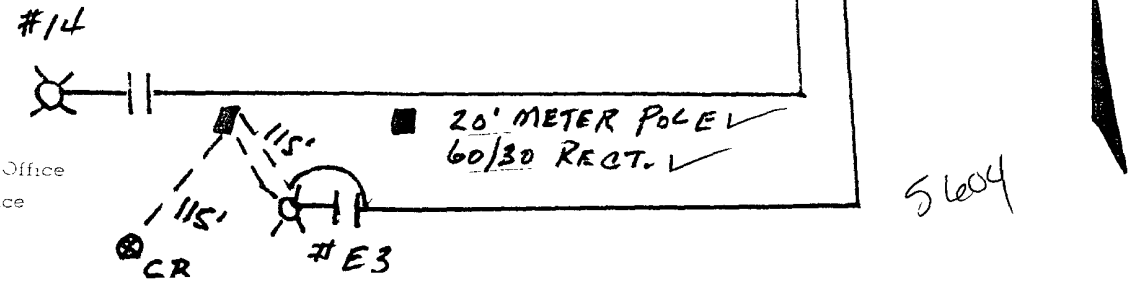
DITCH # 1 CABLE = 230' ✓
XTRA CABLE = 135' ✓
HOLE = -100' ✓

All Construction Completed

(Signature) [illegible]

TIME REC OT
8 4 ✓

GROUND BED LAYOUT SKETCH



5604

DISTRIBUTION
WHITE – Division Corrosion Office
YELLOW – Area Corrosion Office
PINK – Originator File

Form 7-354 (Rev 11-77)

EL PASO NATURAL GAS COMPANY

Sheet
Date: 9-8-81
By: BT

HUBBELL E #3 — 57813-21-50-2
✓ #8 — 54936-19-50-2
✓ #14 — NE 18-29-10 — 55729-21-50-2

1561 W

WET 120' - 140' 15 MIN BLOW SAMPLE
100' PLAIN VENT PIPE BALANCE PERFORATED

MW		gals/mol
16.04	C_1	6.4
30.07	C_2	10.12
44.10	C_3	10.42
58.12	iC_4	12.38
58.12	nC_4	11.93
72.15	iC_5	13.85
72.15	nC_5	13.71
86.18	iC_6	15.50
86.18	C_6	15.57
100.21	iC_7	17.2
100.21	C_7	17.46
114.23	C_8	19.39
28.05	$C_2^=$	9.64
42.08	$C_3^=$	9.67

MISC MW		gals/mol
32.00	O_2	3.37
28.01	CO	4.19
44.01	CO_2	6.38
64.06	SO_2	5.50
34.08	H_2S	5.17
28.01	N_2	4.16
2.02	H_2	3.38

DRILLED 400' LOG 400'

40	1.30										
45	1.72										
50	1.87		30	1.02		5	1.32		80	1.85	1
55	1.87		35	.84		10	1.61		85	1.80	
60	1.81		40	.84	-7	15	1.76	-4	90	1.96	
65	1.79		45	1.36		20	1.85		95	1.93	
70	1.64		50	1.34		25	1.90		400	1.84	
75	1.68		55	1.16		30	1.97				
80	1.80	-10	60	.95	-6	35	2.08				
85	1.78		65	1.36		40	2.00	-3			
90	1.77		70	1.35		45	2.05				
95	1.73	-9	75	1.35	-5	50	1.91				
200	1.57		80	1.25		55	1.75	-2			
5	1.30		85	1.12		60	1.64				
10	1.32		90	.58		65	1.55				
15	1.30	-8	95	1.07		70	1.57				
20	1.43		300	1.25		75	1.85				
25	1.13										

1	380'	3.60	4.58
2	355'	3.16	4.23
3	340'	4.30	5.55
4	320'	4.15	5.63
5	280'	2.32	3.70
6	265'	2.50	3.88
7	245'	2.58	3.81
8	220'	2.77	3.95
9	195'	3.90	5.52
10	180'	4.20	5.49

11.7 VOLTS
230 AMPS
.50 Ω

EL PASO NATURAL GAS COMPANY
SAN JUAN DIVISION
FARMINGTON, NEW MEXICO
PRODUCTION DEPARTMENT WATER ANALYSIS

Analysis No. 1-10327 Date 9-21-81

Operator El Paso Natural Gas Well Name Hubbel E #3 CPS 1561 W

Location NE 18-29-10 County San Juan State New Mexico

Field Cedar Hill Formation

Sampled From 120 - 140'

Date Sampled 9-8-81 By B.T.

Tbg. Press. Csg. Surface Csg. Press.

	ppm	epm		ppm	epm
Sodium	1,212	52.7	Chloride	36	1.0
Calcium	448	22.4	Bicarbonate	117	1.9
Magnesium	27	2.2	Sulfate	3,575	74.4
Iron			Carbonate	0	0
H_2S			Hydroxide	0	0

Total Solids Dissolved 5,244

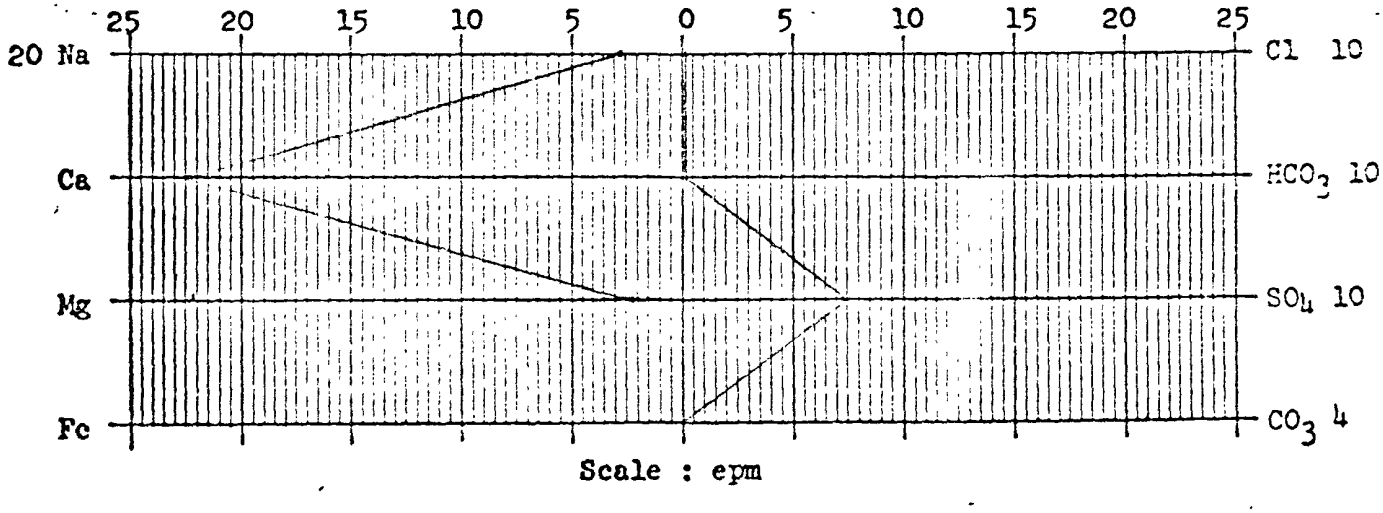
pH 7.6

Sp. Gr. 1.0415 At 60°F

Resistivity 169 ohm-cm at 75 °F

cc: R. A. Ullrich
E. R. Paulek
J. W. McCarthy
J. D. Evans
W. B. Shropshire
D. C. Adams
File

Joe P. Barnett & Dennis P. Bird
Chemist



Form 22-2 (Rev 5-79)

EL PASO NATURAL GAS COMPANY

DRILLING DEPARTMENT

DAILY DRILLING REPORT

Hubbell E #3 #8 #14 | CPS 15611 | Stacy Drilling | | | Sept 198

LEASE | WELL NO. | CONTRACTOR | RIG NO. | REPORT NO. | DATE

MORNING

Driller | Total Men In Crew

FROM	TO	FORMATION	WT-BIT	R.P.M.

BIT NO. | NO. DC ___ SIZE ___ LENG. ___

BIT NO. | NO. DC ___ SIZE ___ LENG. ___

SERIAL NO. | STANDS

SIZE | SINGLES

TYPE | DOWN ON KELLY

MAKE | TOTAL DEPTH

MUD RECORD

Time	Wt.	Vis.	MUD, ADDITIVES USED AND RECEIVED

FROM	TO	TIME BREAKDOWN
0	100	Sand
100	140	Sand
140	200	Shale
200	220	Sand
220	300	Sandy Shale
300	370	Shale

REMARKS –

Water 140

Drilled 400 TD 400

DAYLIGHT

Driller | Total Men In Crew

FROM	TO	FORMATION	WT-BIT	R.P.M.

BIT NO. | NO. DC ___ SIZE ___ LENG. ___

BIT NO. | NO. DC ___ SIZE ___ LENG. ___

SERIAL NO. | STANDS

SIZE | SINGLES

TYPE | DOWN ON KELLY

MAKE | TOTAL DEPTH

MUD RECORD

Time	Wt.	Vis.	MUD, ADDITIVES USED AND RECEIVED

FROM	TO	TIME BREAKDOWN
370	400	Sand

REMARKS –

EVENING

Driller | Total Men In Crew

FROM	TO	FORMATION	WT-BIT	R.P.M.

BIT NO. | NO. DC ___ SIZE ___ LENG. ___

BIT NO. | NO. DC ___ SIZE ___ LENG. ___

SERIAL NO. | STANDS

SIZE | SINGLES

TYPE | DOWN ON KELLY

MAKE | TOTAL DEPTH

MUD RECORD

Time	Wt.	Vis.	MUD, ADDITIVES USED AND RECEIVED

FROM	TO	TIME BREAKDOWN

REMARKS –

SIGNED: Toolpusher Steve Stacy | Company Supervisor

30-045-08042

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

Operator Texaco E&P Inc. Location: Unit E Sec. 24 Twp 29N Rng 11W

Name of Well/Wells or Pipeline Serviced Mac Gale Com #1

Elevation ____ Completion Date ____ Total Depth ____ Land Type* ____

Casing, Sizes, Types & Depths ____

If Casing is cemented, show amounts & types used ____

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

Depths & thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. ____

Depths gas encountered: ____

Type & amount of coke breeze used: ____

Depths anodes placed: ____

Depths vent pipes placed: ____

Vent pipe perforations: ____

Remarks: ____

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.

ENSOLUM

APPENDIX C

Executed C-138 Solid Waste Acceptance Form

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

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

Form C-138
Revised 08/01/11

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

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

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

PayKey:RB21200
PM: Maron O'Brien
AFE: Pending

2. Originating Site:
Trunk A Loop Reciver

3. Location of Material (Street Address, City, State or ULSTR):
UL D Section 13 T29N R11W; 36.732896, -107.948468

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) 334/259 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) 12-30-2024, representative for Enterprise Products Operating authorizes Envirotech, Inc. to complete
Generator Signature
the required testing/sign the Generator Waste Testing Certification.

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

5. Transporter: TBD

OCD Permitted Surface Waste Management Facility

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

Waste Acceptance Status:

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

PRINT NAME: Greg Crabtree TITLE: Enviro Manager DATE: 1/2/25
SIGNATURE: TELEPHONE NO.:
Surface Waste Management Facility Authorized Agent 505-632-0615

ENSOLUM

APPENDIX D

Photographic Documentation

SITE PHOTOGRAPHS

Closure Report
Enterprise Field Services, LLC
Trunk A Loop Receiver
Ensolum Project No. 05A1226357

ENSOLUM

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

SITE PHOTOGRAPHS

Closure Report
Enterprise Field Services, LLC
Trunk A Loop Receiver
Ensolum Project No. 05A1226357

ENSOLUM

Photograph 4 Photograph Description: View of the in-process excavation activities.	
Photograph 5 Photograph Description: View of the in-process excavation activities.	
Photograph 6 Photograph Description: View of the in-process excavation activities.	

SITE PHOTOGRAPHS

Closure Report
Enterprise Field Services, LLC
Trunk A Loop Receiver
Ensolum Project No. 05A1226357

ENSOLUM

Photograph 7 Photograph Description: View of the in-process excavation activities.	
Photograph 8 Photograph Description: View of the final excavation.	
Photograph 9 Photograph Description: View of the final excavation.	

SITE PHOTOGRAPHS

Closure Report
Enterprise Field Services, LLC
Trunk A Loop Receiver
Ensolum Project No. 05A1226357

ENSOLUM

Photograph 10 Photograph Description: View of the backfilled excavation.	

ENSOLUM

APPENDIX E

Regulatory Correspondence

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Tuesday, January 7, 2025 12:53 PM
To: Long, Thomas <tjlong@eprod.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 417982

[Use caution with links/attachments]

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2500746223.

The sampling event is expected to take place:

When: 01/09/2025 @ 13:00
Where: D-13-29N-11W 0 FNL 0 FEL (36.732633,-107.949047)

Additional Information: Ensolum, LLC

Additional Instructions: 36.732633, -107.949047

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to

19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

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

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

ENSOLUM

APPENDIX F

Table 1 – Soil Analytical Summary

ENSOLUM

TABLE 1
Trunk A Loop Receiver
SOIL ANALYTICAL SUMMARY

Sample I.D.	Date	Sample Type C- Composite G - Grab	Sample Depth (feet)	Benzene (mg/kg)	Ethylbenzene (mg/kg)	Toluene (mg/kg)	Xylenes (mg/kg)	Total BTEX[1] (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total Combined TPH (GRO/DRO/MRO)[1] (mg/kg)	Chloride (mg/kg)
New Mexico Energy, Mineral & Natural Resources Department Oil Conservation Division Closure Criteria (Tier I)				**10**	**NE**	**NE**	**NE**	**50**	**NE**	**NE**	**NE**	**100**	**600**
Excavation Composite Soil Samples													
S-1	01.09.25	C	20	<0.020	<0.039	<0.039	<0.078	ND	<3.9	<9.5	<47	ND	<60
S-2	01.09.25	C	20	<0.020	<0.040	<0.040	<0.080	ND	<4.0	<9.3	<47	ND	<60
S-3	01.09.25	C	20	<0.019	<0.038	<0.038	<0.077	ND	<3.8	<9.5	<47	ND	<59
S-4	01.09.25	C	0 to 20	<0.018	<0.036	<0.036	<0.073	ND	<3.6	<9.7	<48	ND	<60
S-5	01.09.25	C	0 to 20	<0.021	<0.042	<0.042	<0.085	ND	<4.2	<9.7	<48	ND	<60
S-6	01.09.25	C	0 to 20	<0.021	<0.042	<0.042	<0.085	ND	<4.2	<9.7	<48	ND	<60
S-7	01.09.25	C	0 to 20	<0.020	<0.040	<0.040	<0.080	ND	<4.0	<9.2	<46	ND	<60
S-8	01.09.25	C	0 to 20	<0.022	<0.044	<0.044	<0.088	ND	<4.4	<10	<50	ND	<60
S-9	01.09.25	C	0 to 20	<0.020	<0.039	<0.039	<0.078	ND	<3.9	<9.6	<48	ND	<60
S-10	01.09.25	C	0 to 20	<0.022	<0.044	<0.044	<0.088	ND	<4.4	<9.3	<47	ND	<60
S-11	01.09.25	C	0 to 20	<0.019	<0.038	<0.038	<0.077	ND	<3.8	<9.4	<47	ND	<60
S-12	01.09.25	C	0 to 20	<0.019	<0.039	<0.039	<0.077	ND	<3.9	<9.3	<47	ND	<60
S-13	01.09.25	C	0 to 20	<0.019	<0.038	<0.038	<0.076	ND	<3.8	<9.7	<48	ND	<60
Backfill Composite Soil Samples													
BF-1	01.09.25	C	BF	<0.025	<0.050	<0.050	<0.10	ND	<5.0	<10	<50	ND	<60
BF-2	01.09.25	C	BF	<0.025	<0.050	<0.050	<0.10	ND	<5.0	<9.4	<47	ND	<60
BF-3	01.09.25	C	BF	<0.023	<0.047	<0.047	<0.093	ND	<4.7	<9.8	<49	ND	<60

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

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

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

NE = Not established

NS = Not sampled

mg/kg = milligrams per kilogram

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes

TPH = Total Petroleum Hydrocarbons

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

MRO = Motor Oil/Lube Oil Range Organics

BF - Backfill sample

ENSOLUM

APPENDIX G

Laboratory Data Sheets & Chain of Custody Documentation

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Kyle Summers
Ensolum
606 S Rio Grande
Suite A
Aztec, New Mexico 87410

Generated 1/13/2025 4:38:34 PM

JOB DESCRIPTION

Trunk A

JOB NUMBER

885-18174-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization

Generated
1/13/2025 4:38:34 PM

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

Client: Ensolum
Project/Site: Trunk A

Laboratory Job ID: 885-18174-1

Table of Contents

Definitions/Glossary

Client: Ensolum Job ID: 885-18174-1
Project/Site: Trunk A

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Ensolum
Project: Trunk A

Job ID: 885-18174-1

Job ID: 885-18174-1 Eurofins Albuquerque

Job Narrative
885-18174-1

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

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

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

Receipt
The samples were received on 1/10/2025 7:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.7°C.

Gasoline Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18174-1

Client Sample ID: S-1

Date Collected: 01/09/25 13:00
Date Received: 01/10/25 07:10

Lab Sample ID: 885-18174-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.9		mg/Kg		01/10/25 08:27	01/10/25 10:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*35 - 166*	*01/10/25 08:27*	*01/10/25 10:43*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020		mg/Kg		01/10/25 08:27	01/10/25 10:43	1
Ethylbenzene	ND		0.039		mg/Kg		01/10/25 08:27	01/10/25 10:43	1
Toluene	ND		0.039		mg/Kg		01/10/25 08:27	01/10/25 10:43	1
Xylenes, Total	ND		0.078		mg/Kg		01/10/25 08:27	01/10/25 10:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*48 - 145*	*01/10/25 08:27*	*01/10/25 10:43*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		01/10/25 09:08	01/10/25 11:04	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		01/10/25 09:08	01/10/25 11:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*104*		*62 - 134*	*01/10/25 09:08*	*01/10/25 11:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		01/09/25 10:28	01/10/25 10:36	20

Client Sample Results

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18174-1

Client Sample ID: S-2

Date Collected: 01/09/25 13:05
Date Received: 01/10/25 07:10

Lab Sample ID: 885-18174-2

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.0		mg/Kg		01/10/25 08:27	01/10/25 11:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*35 - 166*	*01/10/25 08:27*	*01/10/25 11:07*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020		mg/Kg		01/10/25 08:27	01/10/25 11:07	1
Ethylbenzene	ND		0.040		mg/Kg		01/10/25 08:27	01/10/25 11:07	1
Toluene	ND		0.040		mg/Kg		01/10/25 08:27	01/10/25 11:07	1
Xylenes, Total	ND		0.080		mg/Kg		01/10/25 08:27	01/10/25 11:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*48 - 145*	*01/10/25 08:27*	*01/10/25 11:07*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		01/10/25 09:08	01/10/25 11:35	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		01/10/25 09:08	01/10/25 11:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*84*		*62 - 134*	*01/10/25 09:08*	*01/10/25 11:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		01/09/25 10:28	01/10/25 10:46	20

Client Sample Results

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18174-1

Client Sample ID: S-3

Date Collected: 01/09/25 13:10
Date Received: 01/10/25 07:10

Lab Sample ID: 885-18174-3

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.8		mg/Kg		01/10/25 08:27	01/10/25 11:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*35 - 166*	*01/10/25 08:27*	*01/10/25 11:31*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019		mg/Kg		01/10/25 08:27	01/10/25 11:31	1
Ethylbenzene	ND		0.038		mg/Kg		01/10/25 08:27	01/10/25 11:31	1
Toluene	ND		0.038		mg/Kg		01/10/25 08:27	01/10/25 11:31	1
Xylenes, Total	ND		0.077		mg/Kg		01/10/25 08:27	01/10/25 11:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*48 - 145*	*01/10/25 08:27*	*01/10/25 11:31*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		01/10/25 09:08	01/10/25 11:46	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		01/10/25 09:08	01/10/25 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*01/10/25 09:08*	*01/10/25 11:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		59		mg/Kg		01/09/25 10:28	01/10/25 10:56	20

Client Sample Results

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18174-1

Client Sample ID: S-4

Date Collected: 01/09/25 13:15
Date Received: 01/10/25 07:10

Lab Sample ID: 885-18174-4

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.6		mg/Kg		01/10/25 08:27	01/10/25 11:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*35 - 166*	*01/10/25 08:27*	*01/10/25 11:54*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018		mg/Kg		01/10/25 08:27	01/10/25 11:54	1
Ethylbenzene	ND		0.036		mg/Kg		01/10/25 08:27	01/10/25 11:54	1
Toluene	ND		0.036		mg/Kg		01/10/25 08:27	01/10/25 11:54	1
Xylenes, Total	ND		0.073		mg/Kg		01/10/25 08:27	01/10/25 11:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*48 - 145*	*01/10/25 08:27*	*01/10/25 11:54*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		01/10/25 09:08	01/10/25 11:56	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		01/10/25 09:08	01/10/25 11:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*	*01/10/25 09:08*	*01/10/25 11:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		01/09/25 10:28	01/10/25 11:05	20

Client Sample Results

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18174-1

Client Sample ID: S-5

Date Collected: 01/09/25 13:20
Date Received: 01/10/25 07:10

Lab Sample ID: 885-18174-5
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.2		mg/Kg		01/10/25 08:27	01/10/25 12:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*35 - 166*	*01/10/25 08:27*	*01/10/25 12:18*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021		mg/Kg		01/10/25 08:27	01/10/25 12:18	1
Ethylbenzene	ND		0.042		mg/Kg		01/10/25 08:27	01/10/25 12:18	1
Toluene	ND		0.042		mg/Kg		01/10/25 08:27	01/10/25 12:18	1
Xylenes, Total	ND		0.085		mg/Kg		01/10/25 08:27	01/10/25 12:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*48 - 145*	*01/10/25 08:27*	*01/10/25 12:18*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		01/10/25 09:08	01/10/25 12:07	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		01/10/25 09:08	01/10/25 12:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*90*		*62 - 134*	*01/10/25 09:08*	*01/10/25 12:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		01/09/25 10:28	01/10/25 11:15	20

Client Sample Results

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18174-1

Client Sample ID: S-6

Date Collected: 01/09/25 13:25
Date Received: 01/10/25 07:10

Lab Sample ID: 885-18174-6

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.2		mg/Kg		01/10/25 08:27	01/10/25 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*35 - 166*	*01/10/25 08:27*	*01/10/25 12:42*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021		mg/Kg		01/10/25 08:27	01/10/25 12:42	1
Ethylbenzene	ND		0.042		mg/Kg		01/10/25 08:27	01/10/25 12:42	1
Toluene	ND		0.042		mg/Kg		01/10/25 08:27	01/10/25 12:42	1
Xylenes, Total	ND		0.085		mg/Kg		01/10/25 08:27	01/10/25 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*48 - 145*	*01/10/25 08:27*	*01/10/25 12:42*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		01/10/25 09:08	01/10/25 12:18	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		01/10/25 09:08	01/10/25 12:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*01/10/25 09:08*	*01/10/25 12:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		01/09/25 10:28	01/10/25 11:25	20

Client Sample Results

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18174-1

Client Sample ID: S-7

Date Collected: 01/09/25 13:30
Date Received: 01/10/25 07:10

Lab Sample ID: 885-18174-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.0		mg/Kg		01/10/25 09:38	01/10/25 10:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*35 - 166*	*01/10/25 09:38*	*01/10/25 10:47*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020		mg/Kg		01/10/25 09:38	01/10/25 10:47	1
Ethylbenzene	ND		0.040		mg/Kg		01/10/25 09:38	01/10/25 10:47	1
Toluene	ND		0.040		mg/Kg		01/10/25 09:38	01/10/25 10:47	1
Xylenes, Total	ND		0.080		mg/Kg		01/10/25 09:38	01/10/25 10:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*48 - 145*	*01/10/25 09:38*	*01/10/25 10:47*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		01/10/25 09:08	01/10/25 12:39	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		01/10/25 09:08	01/10/25 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*01/10/25 09:08*	*01/10/25 12:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		01/09/25 10:28	01/10/25 11:35	20

Client Sample Results

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18174-1

Client Sample ID: S-8

Date Collected: 01/09/25 13:35
Date Received: 01/10/25 07:10

Lab Sample ID: 885-18174-8

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.4		mg/Kg		01/10/25 09:38	01/10/25 11:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*01/10/25 09:38*	*01/10/25 11:08*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.022		mg/Kg		01/10/25 09:38	01/10/25 11:08	1
Ethylbenzene	ND		0.044		mg/Kg		01/10/25 09:38	01/10/25 11:08	1
Toluene	ND		0.044		mg/Kg		01/10/25 09:38	01/10/25 11:08	1
Xylenes, Total	ND		0.088		mg/Kg		01/10/25 09:38	01/10/25 11:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*48 - 145*	*01/10/25 09:38*	*01/10/25 11:08*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		01/10/25 09:08	01/10/25 12:49	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		01/10/25 09:08	01/10/25 12:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*88*		*62 - 134*	*01/10/25 09:08*	*01/10/25 12:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		01/09/25 10:28	01/10/25 11:45	20

Client Sample Results

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18174-1

Client Sample ID: S-9

Date Collected: 01/09/25 13:40
Date Received: 01/10/25 07:10

Lab Sample ID: 885-18174-9

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.9		mg/Kg		01/10/25 09:38	01/10/25 11:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*35 - 166*	*01/10/25 09:38*	*01/10/25 11:30*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020		mg/Kg		01/10/25 09:38	01/10/25 11:30	1
Ethylbenzene	ND		0.039		mg/Kg		01/10/25 09:38	01/10/25 11:30	1
Toluene	ND		0.039		mg/Kg		01/10/25 09:38	01/10/25 11:30	1
Xylenes, Total	ND		0.078		mg/Kg		01/10/25 09:38	01/10/25 11:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*48 - 145*	*01/10/25 09:38*	*01/10/25 11:30*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		01/10/25 09:08	01/10/25 13:00	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		01/10/25 09:08	01/10/25 13:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*01/10/25 09:08*	*01/10/25 13:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		01/09/25 10:28	01/10/25 12:58	20

Client Sample Results

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18174-1

Client Sample ID: S-10

Date Collected: 01/09/25 13:45
Date Received: 01/10/25 07:10

Lab Sample ID: 885-18174-10

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.4		mg/Kg		01/10/25 09:38	01/10/25 11:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*35 - 166*	*01/10/25 09:38*	*01/10/25 11:52*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.022		mg/Kg		01/10/25 09:38	01/10/25 11:52	1
Ethylbenzene	ND		0.044		mg/Kg		01/10/25 09:38	01/10/25 11:52	1
Toluene	ND		0.044		mg/Kg		01/10/25 09:38	01/10/25 11:52	1
Xylenes, Total	ND		0.088		mg/Kg		01/10/25 09:38	01/10/25 11:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*48 - 145*	*01/10/25 09:38*	*01/10/25 11:52*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		01/10/25 09:08	01/10/25 13:11	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		01/10/25 09:08	01/10/25 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*01/10/25 09:08*	*01/10/25 13:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		01/09/25 10:28	01/10/25 13:08	20

Client Sample Results

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18174-1

Client Sample ID: S-11

Date Collected: 01/09/25 13:50
Date Received: 01/10/25 07:10

Lab Sample ID: 885-18174-11

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.8		mg/Kg		01/10/25 09:38	01/10/25 12:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*01/10/25 09:38*	*01/10/25 12:14*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019		mg/Kg		01/10/25 09:38	01/10/25 12:14	1
Ethylbenzene	ND		0.038		mg/Kg		01/10/25 09:38	01/10/25 12:14	1
Toluene	ND		0.038		mg/Kg		01/10/25 09:38	01/10/25 12:14	1
Xylenes, Total	ND		0.077		mg/Kg		01/10/25 09:38	01/10/25 12:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*48 - 145*	*01/10/25 09:38*	*01/10/25 12:14*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		01/10/25 09:08	01/10/25 13:21	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		01/10/25 09:08	01/10/25 13:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*01/10/25 09:08*	*01/10/25 13:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		01/09/25 10:28	01/10/25 13:17	20

Client Sample Results

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18174-1

Client Sample ID: S-12

Date Collected: 01/09/25 13:55
Date Received: 01/10/25 07:10

Lab Sample ID: 885-18174-12

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.9		mg/Kg		01/10/25 09:38	01/10/25 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*35 - 166*	*01/10/25 09:38*	*01/10/25 12:36*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019		mg/Kg		01/10/25 09:38	01/10/25 12:36	1
Ethylbenzene	ND		0.039		mg/Kg		01/10/25 09:38	01/10/25 12:36	1
Toluene	ND		0.039		mg/Kg		01/10/25 09:38	01/10/25 12:36	1
Xylenes, Total	ND		0.077		mg/Kg		01/10/25 09:38	01/10/25 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*48 - 145*	*01/10/25 09:38*	*01/10/25 12:36*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		01/10/25 09:08	01/10/25 13:32	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		01/10/25 09:08	01/10/25 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*101*		*62 - 134*	*01/10/25 09:08*	*01/10/25 13:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		01/09/25 10:28	01/10/25 13:27	20

Client Sample Results

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18174-1

Client Sample ID: S-13

Date Collected: 01/09/25 14:00
Date Received: 01/10/25 07:10

Lab Sample ID: 885-18174-13

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.8		mg/Kg		01/10/25 09:38	01/10/25 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*01/10/25 09:38*	*01/10/25 12:58*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019		mg/Kg		01/10/25 09:38	01/10/25 12:58	1
Ethylbenzene	ND		0.038		mg/Kg		01/10/25 09:38	01/10/25 12:58	1
Toluene	ND		0.038		mg/Kg		01/10/25 09:38	01/10/25 12:58	1
Xylenes, Total	ND		0.076		mg/Kg		01/10/25 09:38	01/10/25 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*48 - 145*	*01/10/25 09:38*	*01/10/25 12:58*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		01/10/25 09:08	01/10/25 13:43	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		01/10/25 09:08	01/10/25 13:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*01/10/25 09:08*	*01/10/25 13:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		01/09/25 10:28	01/10/25 13:37	20

QC Sample Results

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18174-1

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

Lab Sample ID: MB 885-19116/1-A
Matrix: Solid
Analysis Batch: 19113

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 19116

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		01/10/25 08:27	01/10/25 10:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*35 - 166*	*01/10/25 08:27*	*01/10/25 10:19*	*1*

Lab Sample ID: LCS 885-19116/2-A
Matrix: Solid
Analysis Batch: 19113

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 19116

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	23.6		mg/Kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*211*		*35 - 166*

Lab Sample ID: 885-18174-1 MS
Matrix: Solid
Analysis Batch: 19113

Client Sample ID: S-1
Prep Type: Total/NA
Prep Batch: 19116

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]	ND		19.5	19.1		mg/Kg		98	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*210*		*35 - 166*

Lab Sample ID: 885-18174-1 MSD
Matrix: Solid
Analysis Batch: 19113

Client Sample ID: S-1
Prep Type: Total/NA
Prep Batch: 19116

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		19.5	19.5		mg/Kg		100	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*215*		*35 - 166*

Lab Sample ID: MB 885-19124/1-A
Matrix: Solid
Analysis Batch: 19111

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 19124

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		01/10/25 09:38	01/10/25 10:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*35 - 166*	*01/10/25 09:38*	*01/10/25 10:25*	*1*

QC Sample Results

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18174-1

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

Lab Sample ID: LCS 885-19124/2-A
Matrix: Solid
Analysis Batch: 19111

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 19124

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	23.1		mg/Kg		92	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*201*		*35 - 166*

Lab Sample ID: 885-18174-7 MS
Matrix: Solid
Analysis Batch: 19111

Client Sample ID: S-7
Prep Type: Total/NA
Prep Batch: 19124

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]	ND		19.9	16.5		mg/Kg		83	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*189*		*35 - 166*

Lab Sample ID: 885-18174-7 MSD
Matrix: Solid
Analysis Batch: 19111

Client Sample ID: S-7
Prep Type: Total/NA
Prep Batch: 19124

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		19.9	16.7		mg/Kg		84	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*191*		*35 - 166*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-19116/1-A
Matrix: Solid
Analysis Batch: 19114

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 19116

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		01/10/25 08:27	01/10/25 10:19	1
Ethylbenzene	ND		0.050		mg/Kg		01/10/25 08:27	01/10/25 10:19	1
Toluene	ND		0.050		mg/Kg		01/10/25 08:27	01/10/25 10:19	1
Xylenes, Total	ND		0.10		mg/Kg		01/10/25 08:27	01/10/25 10:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*48 - 145*	*01/10/25 08:27*	*01/10/25 10:19*	*1*

QC Sample Results

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18174-1

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

Lab Sample ID: LCS 885-19116/3-A
Matrix: Solid
Analysis Batch: 19114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 19116

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	1.10		mg/Kg		110	70 - 130		
Ethylbenzene			1.00	1.15		mg/Kg		115	70 - 130		
Toluene			1.00	1.13		mg/Kg		113	70 - 130		
Xylenes, Total			3.00	3.36		mg/Kg		112	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*48 - 145*

Lab Sample ID: 885-18174-2 MS
Matrix: Solid
Analysis Batch: 19114

Client Sample ID: S-2
Prep Type: Total/NA
Prep Batch: 19116

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.801	0.874		mg/Kg		109	70 - 130		
Ethylbenzene	ND		0.801	0.918		mg/Kg		115	70 - 130		
Toluene	ND		0.801	0.908		mg/Kg		113	70 - 130		
Xylenes, Total	ND		2.40	2.67		mg/Kg		111	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*48 - 145*

Lab Sample ID: 885-18174-2 MSD
Matrix: Solid
Analysis Batch: 19114

Client Sample ID: S-2
Prep Type: Total/NA
Prep Batch: 19116

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.801	0.865		mg/Kg		108	70 - 130	1	20
Ethylbenzene	ND		0.801	0.912		mg/Kg		114	70 - 130	1	20
Toluene	ND		0.801	0.900		mg/Kg		112	70 - 130	1	20
Xylenes, Total	ND		2.40	2.68		mg/Kg		112	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*48 - 145*

Lab Sample ID: MB 885-19124/1-A
Matrix: Solid
Analysis Batch: 19112

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 19124

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		01/10/25 09:38	01/10/25 10:25	1
Ethylbenzene	ND		0.050		mg/Kg		01/10/25 09:38	01/10/25 10:25	1
Toluene	ND		0.050		mg/Kg		01/10/25 09:38	01/10/25 10:25	1
Xylenes, Total	ND		0.10		mg/Kg		01/10/25 09:38	01/10/25 10:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*48 - 145*	*01/10/25 09:38*	*01/10/25 10:25*	*1*

QC Sample Results

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18174-1

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

Lab Sample ID: LCS 885-19124/3-A
Matrix: Solid
Analysis Batch: 19112

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 19124

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.873		mg/Kg		87	70 - 130		
Ethylbenzene			1.00	0.897		mg/Kg		90	70 - 130		
Toluene			1.00	0.877		mg/Kg		88	70 - 130		
Xylenes, Total			3.00	2.66		mg/Kg		89	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*48 - 145*

Lab Sample ID: 885-18174-8 MS
Matrix: Solid
Analysis Batch: 19112

Client Sample ID: S-8
Prep Type: Total/NA
Prep Batch: 19124

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.879	0.741		mg/Kg		84	70 - 130		
Ethylbenzene	ND		0.879	0.762		mg/Kg		87	70 - 130		
Toluene	ND		0.879	0.757		mg/Kg		86	70 - 130		
Xylenes, Total	ND		2.64	2.29		mg/Kg		87	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*48 - 145*

Lab Sample ID: 885-18174-8 MSD
Matrix: Solid
Analysis Batch: 19112

Client Sample ID: S-8
Prep Type: Total/NA
Prep Batch: 19124

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.879	0.741		mg/Kg		84	70 - 130	0	20
Ethylbenzene	ND		0.879	0.769		mg/Kg		88	70 - 130	1	20
Toluene	ND		0.879	0.754		mg/Kg		86	70 - 130	0	20
Xylenes, Total	ND		2.64	2.28		mg/Kg		87	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*48 - 145*

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

Lab Sample ID: MB 885-19120/1-A
Matrix: Solid
Analysis Batch: 19115

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 19120

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		01/10/25 09:08	01/10/25 10:43	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		01/10/25 09:08	01/10/25 10:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*01/10/25 09:08*	*01/10/25 10:43*	*1*

QC Sample Results

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18174-1

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

Lab Sample ID: LCS 885-19120/2-A
Matrix: Solid
Analysis Batch: 19115

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 19120

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	47.1		mg/Kg		94	60 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*89*		*62 - 134*

Lab Sample ID: 885-18174-1 MS
Matrix: Solid
Analysis Batch: 19115

Client Sample ID: S-1
Prep Type: Total/NA
Prep Batch: 19120

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		48.6	41.3		mg/Kg		85	44 - 136		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*

Lab Sample ID: 885-18174-1 MSD
Matrix: Solid
Analysis Batch: 19115

Client Sample ID: S-1
Prep Type: Total/NA
Prep Batch: 19120

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		49.2	45.2		mg/Kg		92	44 - 136	9	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-19062/1-A
Matrix: Solid
Analysis Batch: 19109

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 19062

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		01/09/25 10:28	01/10/25 08:28	1

Lab Sample ID: LCS 885-19062/2-A
Matrix: Solid
Analysis Batch: 19109

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 19062

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	27.6		mg/Kg		92	90 - 110		

QC Association Summary

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18174-1

GC VOA

Analysis Batch: 19111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18174-7	S-7	Total/NA	Solid	8015M/D	19124
885-18174-8	S-8	Total/NA	Solid	8015M/D	19124
885-18174-9	S-9	Total/NA	Solid	8015M/D	19124
885-18174-10	S-10	Total/NA	Solid	8015M/D	19124
885-18174-11	S-11	Total/NA	Solid	8015M/D	19124
885-18174-12	S-12	Total/NA	Solid	8015M/D	19124
885-18174-13	S-13	Total/NA	Solid	8015M/D	19124
MB 885-19124/1-A	Method Blank	Total/NA	Solid	8015M/D	19124
LCS 885-19124/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	19124
885-18174-7 MS	S-7	Total/NA	Solid	8015M/D	19124
885-18174-7 MSD	S-7	Total/NA	Solid	8015M/D	19124

Analysis Batch: 19112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18174-7	S-7	Total/NA	Solid	8021B	19124
885-18174-8	S-8	Total/NA	Solid	8021B	19124
885-18174-9	S-9	Total/NA	Solid	8021B	19124
885-18174-10	S-10	Total/NA	Solid	8021B	19124
885-18174-11	S-11	Total/NA	Solid	8021B	19124
885-18174-12	S-12	Total/NA	Solid	8021B	19124
885-18174-13	S-13	Total/NA	Solid	8021B	19124
MB 885-19124/1-A	Method Blank	Total/NA	Solid	8021B	19124
LCS 885-19124/3-A	Lab Control Sample	Total/NA	Solid	8021B	19124
885-18174-8 MS	S-8	Total/NA	Solid	8021B	19124
885-18174-8 MSD	S-8	Total/NA	Solid	8021B	19124

Analysis Batch: 19113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18174-1	S-1	Total/NA	Solid	8015M/D	19116
885-18174-2	S-2	Total/NA	Solid	8015M/D	19116
885-18174-3	S-3	Total/NA	Solid	8015M/D	19116
885-18174-4	S-4	Total/NA	Solid	8015M/D	19116
885-18174-5	S-5	Total/NA	Solid	8015M/D	19116
885-18174-6	S-6	Total/NA	Solid	8015M/D	19116
MB 885-19116/1-A	Method Blank	Total/NA	Solid	8015M/D	19116
LCS 885-19116/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	19116
885-18174-1 MS	S-1	Total/NA	Solid	8015M/D	19116
885-18174-1 MSD	S-1	Total/NA	Solid	8015M/D	19116

Analysis Batch: 19114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18174-1	S-1	Total/NA	Solid	8021B	19116
885-18174-2	S-2	Total/NA	Solid	8021B	19116
885-18174-3	S-3	Total/NA	Solid	8021B	19116
885-18174-4	S-4	Total/NA	Solid	8021B	19116
885-18174-5	S-5	Total/NA	Solid	8021B	19116
885-18174-6	S-6	Total/NA	Solid	8021B	19116
MB 885-19116/1-A	Method Blank	Total/NA	Solid	8021B	19116
LCS 885-19116/3-A	Lab Control Sample	Total/NA	Solid	8021B	19116
885-18174-2 MS	S-2	Total/NA	Solid	8021B	19116
885-18174-2 MSD	S-2	Total/NA	Solid	8021B	19116

QC Association Summary

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18174-1

GC VOA

Prep Batch: 19116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18174-1	S-1	Total/NA	Solid	5035	
885-18174-2	S-2	Total/NA	Solid	5035	
885-18174-3	S-3	Total/NA	Solid	5035	
885-18174-4	S-4	Total/NA	Solid	5035	
885-18174-5	S-5	Total/NA	Solid	5035	
885-18174-6	S-6	Total/NA	Solid	5035	
MB 885-19116/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-19116/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-19116/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-18174-1 MS	S-1	Total/NA	Solid	5035	
885-18174-1 MSD	S-1	Total/NA	Solid	5035	
885-18174-2 MS	S-2	Total/NA	Solid	5035	
885-18174-2 MSD	S-2	Total/NA	Solid	5035	

Prep Batch: 19124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18174-7	S-7	Total/NA	Solid	5035	
885-18174-8	S-8	Total/NA	Solid	5035	
885-18174-9	S-9	Total/NA	Solid	5035	
885-18174-10	S-10	Total/NA	Solid	5035	
885-18174-11	S-11	Total/NA	Solid	5035	
885-18174-12	S-12	Total/NA	Solid	5035	
885-18174-13	S-13	Total/NA	Solid	5035	
MB 885-19124/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-19124/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-19124/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-18174-7 MS	S-7	Total/NA	Solid	5035	
885-18174-7 MSD	S-7	Total/NA	Solid	5035	
885-18174-8 MS	S-8	Total/NA	Solid	5035	
885-18174-8 MSD	S-8	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 19115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18174-1	S-1	Total/NA	Solid	8015M/D	19120
885-18174-2	S-2	Total/NA	Solid	8015M/D	19120
885-18174-3	S-3	Total/NA	Solid	8015M/D	19120
885-18174-4	S-4	Total/NA	Solid	8015M/D	19120
885-18174-5	S-5	Total/NA	Solid	8015M/D	19120
885-18174-6	S-6	Total/NA	Solid	8015M/D	19120
885-18174-7	S-7	Total/NA	Solid	8015M/D	19120
885-18174-8	S-8	Total/NA	Solid	8015M/D	19120
885-18174-9	S-9	Total/NA	Solid	8015M/D	19120
885-18174-10	S-10	Total/NA	Solid	8015M/D	19120
885-18174-11	S-11	Total/NA	Solid	8015M/D	19120
885-18174-12	S-12	Total/NA	Solid	8015M/D	19120
885-18174-13	S-13	Total/NA	Solid	8015M/D	19120
MB 885-19120/1-A	Method Blank	Total/NA	Solid	8015M/D	19120
LCS 885-19120/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	19120
885-18174-1 MS	S-1	Total/NA	Solid	8015M/D	19120

QC Association Summary

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18174-1

GC Semi VOA (Continued)

Analysis Batch: 19115 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18174-1 MSD	S-1	Total/NA	Solid	8015M/D	19120

Prep Batch: 19120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18174-1	S-1	Total/NA	Solid	SHAKE	
885-18174-2	S-2	Total/NA	Solid	SHAKE	
885-18174-3	S-3	Total/NA	Solid	SHAKE	
885-18174-4	S-4	Total/NA	Solid	SHAKE	
885-18174-5	S-5	Total/NA	Solid	SHAKE	
885-18174-6	S-6	Total/NA	Solid	SHAKE	
885-18174-7	S-7	Total/NA	Solid	SHAKE	
885-18174-8	S-8	Total/NA	Solid	SHAKE	
885-18174-9	S-9	Total/NA	Solid	SHAKE	
885-18174-10	S-10	Total/NA	Solid	SHAKE	
885-18174-11	S-11	Total/NA	Solid	SHAKE	
885-18174-12	S-12	Total/NA	Solid	SHAKE	
885-18174-13	S-13	Total/NA	Solid	SHAKE	
MB 885-19120/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-19120/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-18174-1 MS	S-1	Total/NA	Solid	SHAKE	
885-18174-1 MSD	S-1	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 19062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18174-1	S-1	Total/NA	Solid	300_Prep	
885-18174-2	S-2	Total/NA	Solid	300_Prep	
885-18174-3	S-3	Total/NA	Solid	300_Prep	
885-18174-4	S-4	Total/NA	Solid	300_Prep	
885-18174-5	S-5	Total/NA	Solid	300_Prep	
885-18174-6	S-6	Total/NA	Solid	300_Prep	
885-18174-7	S-7	Total/NA	Solid	300_Prep	
885-18174-8	S-8	Total/NA	Solid	300_Prep	
885-18174-9	S-9	Total/NA	Solid	300_Prep	
885-18174-10	S-10	Total/NA	Solid	300_Prep	
885-18174-11	S-11	Total/NA	Solid	300_Prep	
885-18174-12	S-12	Total/NA	Solid	300_Prep	
885-18174-13	S-13	Total/NA	Solid	300_Prep	
MB 885-19062/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-19062/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 19109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18174-1	S-1	Total/NA	Solid	300.0	19062
885-18174-2	S-2	Total/NA	Solid	300.0	19062
885-18174-3	S-3	Total/NA	Solid	300.0	19062
885-18174-4	S-4	Total/NA	Solid	300.0	19062
885-18174-5	S-5	Total/NA	Solid	300.0	19062
885-18174-6	S-6	Total/NA	Solid	300.0	19062
885-18174-7	S-7	Total/NA	Solid	300.0	19062

QC Association Summary

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18174-1

HPLC/IC (Continued)

Analysis Batch: 19109 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18174-8	S-8	Total/NA	Solid	300.0	19062
885-18174-9	S-9	Total/NA	Solid	300.0	19062
885-18174-10	S-10	Total/NA	Solid	300.0	19062
885-18174-11	S-11	Total/NA	Solid	300.0	19062
885-18174-12	S-12	Total/NA	Solid	300.0	19062
885-18174-13	S-13	Total/NA	Solid	300.0	19062
MB 885-19062/1-A	Method Blank	Total/NA	Solid	300.0	19062
LCS 885-19062/2-A	Lab Control Sample	Total/NA	Solid	300.0	19062

Lab Chronicle

Client: Ensolum
Job ID: 885-18174-1
Project/Site: Trunk A

Client Sample ID: S-1
Lab Sample ID: 885-18174-1
Date Collected: 01/09/25 13:00
Matrix: Solid
Date Received: 01/10/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			19116	JP	EET ALB	01/10/25 08:27
Total/NA	Analysis	8015M/D		1	19113	JP	EET ALB	01/10/25 10:43
Total/NA	Prep	5035			19116	JP	EET ALB	01/10/25 08:27
Total/NA	Analysis	8021B		1	19114	JP	EET ALB	01/10/25 10:43
Total/NA	Prep	SHAKE			19120	MI	EET ALB	01/10/25 09:08
Total/NA	Analysis	8015M/D		1	19115	MI	EET ALB	01/10/25 11:04
Total/NA	Prep	300_Prep			19062	ES	EET ALB	01/09/25 10:28
Total/NA	Analysis	300.0		20	19109	RC	EET ALB	01/10/25 10:36

Client Sample ID: S-2
Lab Sample ID: 885-18174-2
Date Collected: 01/09/25 13:05
Matrix: Solid
Date Received: 01/10/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			19116	JP	EET ALB	01/10/25 08:27
Total/NA	Analysis	8015M/D		1	19113	JP	EET ALB	01/10/25 11:07
Total/NA	Prep	5035			19116	JP	EET ALB	01/10/25 08:27
Total/NA	Analysis	8021B		1	19114	JP	EET ALB	01/10/25 11:07
Total/NA	Prep	SHAKE			19120	MI	EET ALB	01/10/25 09:08
Total/NA	Analysis	8015M/D		1	19115	MI	EET ALB	01/10/25 11:35
Total/NA	Prep	300_Prep			19062	ES	EET ALB	01/09/25 10:28
Total/NA	Analysis	300.0		20	19109	RC	EET ALB	01/10/25 10:46

Client Sample ID: S-3
Lab Sample ID: 885-18174-3
Date Collected: 01/09/25 13:10
Matrix: Solid
Date Received: 01/10/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			19116	JP	EET ALB	01/10/25 08:27
Total/NA	Analysis	8015M/D		1	19113	JP	EET ALB	01/10/25 11:31
Total/NA	Prep	5035			19116	JP	EET ALB	01/10/25 08:27
Total/NA	Analysis	8021B		1	19114	JP	EET ALB	01/10/25 11:31
Total/NA	Prep	SHAKE			19120	MI	EET ALB	01/10/25 09:08
Total/NA	Analysis	8015M/D		1	19115	MI	EET ALB	01/10/25 11:46
Total/NA	Prep	300_Prep			19062	ES	EET ALB	01/09/25 10:28
Total/NA	Analysis	300.0		20	19109	RC	EET ALB	01/10/25 10:56

Client Sample ID: S-4
Lab Sample ID: 885-18174-4
Date Collected: 01/09/25 13:15
Matrix: Solid
Date Received: 01/10/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			19116	JP	EET ALB	01/10/25 08:27
Total/NA	Analysis	8015M/D		1	19113	JP	EET ALB	01/10/25 11:54

Lab Chronicle

Client: Ensolum
Job ID: 885-18174-1
Project/Site: Trunk A

Client Sample ID: S-4
Lab Sample ID: 885-18174-4
Date Collected: 01/09/25 13:15
Matrix: Solid
Date Received: 01/10/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			19116	JP	EET ALB	01/10/25 08:27
Total/NA	Analysis	8021B		1	19114	JP	EET ALB	01/10/25 11:54
Total/NA	Prep	SHAKE			19120	MI	EET ALB	01/10/25 09:08
Total/NA	Analysis	8015M/D		1	19115	MI	EET ALB	01/10/25 11:56
Total/NA	Prep	300_Prep			19062	ES	EET ALB	01/09/25 10:28
Total/NA	Analysis	300.0		20	19109	RC	EET ALB	01/10/25 11:05

Client Sample ID: S-5
Lab Sample ID: 885-18174-5
Date Collected: 01/09/25 13:20
Matrix: Solid
Date Received: 01/10/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			19116	JP	EET ALB	01/10/25 08:27
Total/NA	Analysis	8015M/D		1	19113	JP	EET ALB	01/10/25 12:18
Total/NA	Prep	5035			19116	JP	EET ALB	01/10/25 08:27
Total/NA	Analysis	8021B		1	19114	JP	EET ALB	01/10/25 12:18
Total/NA	Prep	SHAKE			19120	MI	EET ALB	01/10/25 09:08
Total/NA	Analysis	8015M/D		1	19115	MI	EET ALB	01/10/25 12:07
Total/NA	Prep	300_Prep			19062	ES	EET ALB	01/09/25 10:28
Total/NA	Analysis	300.0		20	19109	RC	EET ALB	01/10/25 11:15

Client Sample ID: S-6
Lab Sample ID: 885-18174-6
Date Collected: 01/09/25 13:25
Matrix: Solid
Date Received: 01/10/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			19116	JP	EET ALB	01/10/25 08:27
Total/NA	Analysis	8015M/D		1	19113	JP	EET ALB	01/10/25 12:42
Total/NA	Prep	5035			19116	JP	EET ALB	01/10/25 08:27
Total/NA	Analysis	8021B		1	19114	JP	EET ALB	01/10/25 12:42
Total/NA	Prep	SHAKE			19120	MI	EET ALB	01/10/25 09:08
Total/NA	Analysis	8015M/D		1	19115	MI	EET ALB	01/10/25 12:18
Total/NA	Prep	300_Prep			19062	ES	EET ALB	01/09/25 10:28
Total/NA	Analysis	300.0		20	19109	RC	EET ALB	01/10/25 11:25

Client Sample ID: S-7
Lab Sample ID: 885-18174-7
Date Collected: 01/09/25 13:30
Matrix: Solid
Date Received: 01/10/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			19124	AT	EET ALB	01/10/25 09:38
Total/NA	Analysis	8015M/D		1	19111	AT	EET ALB	01/10/25 10:47
Total/NA	Prep	5035			19124	AT	EET ALB	01/10/25 09:38
Total/NA	Analysis	8021B		1	19112	AT	EET ALB	01/10/25 10:47

Lab Chronicle

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18174-1

Client Sample ID: S-7

Lab Sample ID: 885-18174-7

Date Collected: 01/09/25 13:30
Matrix: Solid
Date Received: 01/10/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			19120	MI	EET ALB	01/10/25 09:08
Total/NA	Analysis	8015M/D		1	19115	MI	EET ALB	01/10/25 12:39
Total/NA	Prep	300_Prep			19062	ES	EET ALB	01/09/25 10:28
Total/NA	Analysis	300.0		20	19109	RC	EET ALB	01/10/25 11:35

Client Sample ID: S-8

Lab Sample ID: 885-18174-8

Date Collected: 01/09/25 13:35
Matrix: Solid
Date Received: 01/10/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			19124	AT	EET ALB	01/10/25 09:38
Total/NA	Analysis	8015M/D		1	19111	AT	EET ALB	01/10/25 11:08
Total/NA	Prep	5035			19124	AT	EET ALB	01/10/25 09:38
Total/NA	Analysis	8021B		1	19112	AT	EET ALB	01/10/25 11:08
Total/NA	Prep	SHAKE			19120	MI	EET ALB	01/10/25 09:08
Total/NA	Analysis	8015M/D		1	19115	MI	EET ALB	01/10/25 12:49
Total/NA	Prep	300_Prep			19062	ES	EET ALB	01/09/25 10:28
Total/NA	Analysis	300.0		20	19109	RC	EET ALB	01/10/25 11:45

Client Sample ID: S-9

Lab Sample ID: 885-18174-9

Date Collected: 01/09/25 13:40
Matrix: Solid
Date Received: 01/10/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			19124	AT	EET ALB	01/10/25 09:38
Total/NA	Analysis	8015M/D		1	19111	AT	EET ALB	01/10/25 11:30
Total/NA	Prep	5035			19124	AT	EET ALB	01/10/25 09:38
Total/NA	Analysis	8021B		1	19112	AT	EET ALB	01/10/25 11:30
Total/NA	Prep	SHAKE			19120	MI	EET ALB	01/10/25 09:08
Total/NA	Analysis	8015M/D		1	19115	MI	EET ALB	01/10/25 13:00
Total/NA	Prep	300_Prep			19062	ES	EET ALB	01/09/25 10:28
Total/NA	Analysis	300.0		20	19109	RC	EET ALB	01/10/25 12:58

Client Sample ID: S-10

Lab Sample ID: 885-18174-10

Date Collected: 01/09/25 13:45
Matrix: Solid
Date Received: 01/10/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			19124	AT	EET ALB	01/10/25 09:38
Total/NA	Analysis	8015M/D		1	19111	AT	EET ALB	01/10/25 11:52
Total/NA	Prep	5035			19124	AT	EET ALB	01/10/25 09:38
Total/NA	Analysis	8021B		1	19112	AT	EET ALB	01/10/25 11:52
Total/NA	Prep	SHAKE			19120	MI	EET ALB	01/10/25 09:08
Total/NA	Analysis	8015M/D		1	19115	MI	EET ALB	01/10/25 13:11

Lab Chronicle

Client: Ensolum
Job ID: 885-18174-1
Project/Site: Trunk A

Client Sample ID: S-10
Lab Sample ID: 885-18174-10
Date Collected: 01/09/25 13:45
Matrix: Solid
Date Received: 01/10/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			19062	ES	EET ALB	01/09/25 10:28
Total/NA	Analysis	300.0		20	19109	RC	EET ALB	01/10/25 13:08

Client Sample ID: S-11
Lab Sample ID: 885-18174-11
Date Collected: 01/09/25 13:50
Matrix: Solid
Date Received: 01/10/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			19124	AT	EET ALB	01/10/25 09:38
Total/NA	Analysis	8015M/D		1	19111	AT	EET ALB	01/10/25 12:14
Total/NA	Prep	5035			19124	AT	EET ALB	01/10/25 09:38
Total/NA	Analysis	8021B		1	19112	AT	EET ALB	01/10/25 12:14
Total/NA	Prep	SHAKE			19120	MI	EET ALB	01/10/25 09:08
Total/NA	Analysis	8015M/D		1	19115	MI	EET ALB	01/10/25 13:21
Total/NA	Prep	300_Prep			19062	ES	EET ALB	01/09/25 10:28
Total/NA	Analysis	300.0		20	19109	RC	EET ALB	01/10/25 13:17

Client Sample ID: S-12
Lab Sample ID: 885-18174-12
Date Collected: 01/09/25 13:55
Matrix: Solid
Date Received: 01/10/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			19124	AT	EET ALB	01/10/25 09:38
Total/NA	Analysis	8015M/D		1	19111	AT	EET ALB	01/10/25 12:36
Total/NA	Prep	5035			19124	AT	EET ALB	01/10/25 09:38
Total/NA	Analysis	8021B		1	19112	AT	EET ALB	01/10/25 12:36
Total/NA	Prep	SHAKE			19120	MI	EET ALB	01/10/25 09:08
Total/NA	Analysis	8015M/D		1	19115	MI	EET ALB	01/10/25 13:32
Total/NA	Prep	300_Prep			19062	ES	EET ALB	01/09/25 10:28
Total/NA	Analysis	300.0		20	19109	RC	EET ALB	01/10/25 13:27

Client Sample ID: S-13
Lab Sample ID: 885-18174-13
Date Collected: 01/09/25 14:00
Matrix: Solid
Date Received: 01/10/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			19124	AT	EET ALB	01/10/25 09:38
Total/NA	Analysis	8015M/D		1	19111	AT	EET ALB	01/10/25 12:58
Total/NA	Prep	5035			19124	AT	EET ALB	01/10/25 09:38
Total/NA	Analysis	8021B		1	19112	AT	EET ALB	01/10/25 12:58
Total/NA	Prep	SHAKE			19120	MI	EET ALB	01/10/25 09:08
Total/NA	Analysis	8015M/D		1	19115	MI	EET ALB	01/10/25 13:43
Total/NA	Prep	300_Prep			19062	ES	EET ALB	01/09/25 10:28
Total/NA	Analysis	300.0		20	19109	RC	EET ALB	01/10/25 13:37

Lab Chronicle

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18174-1

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum
Job ID: 885-18174-1
Project/Site: Trunk A

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-25-25

1 of 2

Chain-of-Custody Record

Client: Ensolum LLC

Mailing Address: 606 S Rio Grande Suit A 87410

Phone #:

email or Fax#:

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 100%
☐ Standard ☒ Rush 1-10-25

Project Name: Trunk A

Project #:

Project Manager: K Summers

Sampler: C Bajonti

On Ice: ☐ Yes ☐ No

# of Coolers: 1 Yes

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

HALL ENVIRONMENTAL ANALYSIS LABOR
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 8710
Tel. 505-345-3975 Fax 505-345-4107

885-18174 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / ~~MTBE~~ / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	~~Cl, F, Br, NO3, NO2, PO4, SO4~~	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
1/9	1300	S	S-1	4oz Jar	Cool	1	✓	✓					✓			
1/9	1305	S	S-2			2	✓	✓					✓			
1/9	1310	S	S-3			3	✓	✓					✓			
1/9	1315	S	S-4			4	✓	✓					✓			
1/9	1320	S	S-5			5	✓	✓					✓			
1/9	1325	S	S-6			6	✓	✓					✓			
1/9	1330	S	S-7			7	✓	✓					✓			
1/9	1335	S	S-8			8	✓	✓					✓			
1/9	1340	S	S-9			9	✓	✓					✓			
1/9	1345	S	S-10			10	✓	✓					✓			
1/9	1350	S	S-11			11	✓	✓					✓			
1/9	1355	S	S-12			12	✓	✓					✓			

Date	Time	Relinquished by	Received by	Via	Date	Time
1/9/25	1418				1/9/25	1418
1/9/25	1728				1/10/25	7:10

Remarks: Tom Long R321200 1 of 2 Save Dog

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

Chain-of-Custody Record

Client: Ensolum

Mailing Address:

Phone #:

email or Fax#:

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 100%
☐ Standard ☑ Rush 1-10-25

Project Name: Trunk A

Project #:

Project Manager: KS

Sampler: CD

On Ice: ☐ Yes ☐ No

# of Coolers: 1 Yoar

Cooler Temp(including CF): 0.8-0.2=0.7 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / ~~MTBE~~ / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
1/9	1400	S	S-13	4oz Jar	Cool	13	✓	✓					✓			

Analysis Request

Date	Time	Relinquished by:	Received by	Via:	Date	Time
1/9/25	1418				1/9/25	1418
1/9/25	1728			courier	1/10/25	7:10

Remarks:
T Long
A13212 00
2 of 2
Send Dup

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

Login Sample Receipt Checklist

Client: Ensolum Job Number: 885-18174-1

Login Number: 18174 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: McQuiston, Steven

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Kyle Summers
Ensolum
606 S Rio Grande
Suite A
Aztec, New Mexico 87410

Generated 1/17/2025 7:43:28 AM

JOB DESCRIPTION

Trunk A

JOB NUMBER

885-18175-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization

Generated
1/17/2025 7:43:28 AM

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

Client: Ensolum
Project/Site: Trunk A

Laboratory Job ID: 885-18175-1

Table of Contents

Definitions/Glossary

Client: Ensolum Job ID: 885-18175-1
Project/Site: Trunk A

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Ensolum
Project: Trunk A

Job ID: 885-18175-1

Job ID: 885-18175-1 Eurofins Albuquerque

Job Narrative
885-18175-1

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

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

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

Receipt
The samples were received on 1/10/2025 7:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -2.5°C.

Gasoline Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18175-1

Client Sample ID: BF-1

Date Collected: 01/09/25 14:05
Date Received: 01/10/25 07:10

Lab Sample ID: 885-18175-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		5.0		mg/Kg		01/10/25 13:04	01/13/25 17:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*35 - 166*	*01/10/25 13:04*	*01/13/25 17:00*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		01/10/25 13:04	01/13/25 17:00	1
Ethylbenzene	ND		0.050		mg/Kg		01/10/25 13:04	01/13/25 17:00	1
Toluene	ND		0.050		mg/Kg		01/10/25 13:04	01/13/25 17:00	1
Xylenes, Total	ND		0.10		mg/Kg		01/10/25 13:04	01/13/25 17:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*48 - 145*	*01/10/25 13:04*	*01/13/25 17:00*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		01/14/25 11:42	01/15/25 20:53	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		01/14/25 11:42	01/15/25 20:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*104*		*62 - 134*	*01/14/25 11:42*	*01/15/25 20:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		01/13/25 11:20	01/13/25 12:37	20

Client Sample Results

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18175-1

Client Sample ID: BF-2

Date Collected: 01/09/25 14:10
Date Received: 01/10/25 07:10

Lab Sample ID: 885-18175-2

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		5.0		mg/Kg		01/10/25 13:04	01/13/25 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*35 - 166*	*01/10/25 13:04*	*01/13/25 18:12*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		01/10/25 13:04	01/13/25 18:12	1
Ethylbenzene	ND		0.050		mg/Kg		01/10/25 13:04	01/13/25 18:12	1
Toluene	ND		0.050		mg/Kg		01/10/25 13:04	01/13/25 18:12	1
Xylenes, Total	ND		0.10		mg/Kg		01/10/25 13:04	01/13/25 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*48 - 145*	*01/10/25 13:04*	*01/13/25 18:12*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		01/14/25 11:42	01/15/25 21:04	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		01/14/25 11:42	01/15/25 21:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*107*		*62 - 134*	*01/14/25 11:42*	*01/15/25 21:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		01/13/25 11:20	01/13/25 13:08	20

Client Sample Results

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18175-1

Client Sample ID: BF-3
Date Collected: 01/09/25 14:15
Date Received: 01/10/25 07:10

Lab Sample ID: 885-18175-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		4.7		mg/Kg		01/10/25 13:04	01/13/25 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*01/10/25 13:04*	*01/13/25 19:23*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		01/10/25 13:04	01/13/25 19:23	1
Ethylbenzene	ND		0.047		mg/Kg		01/10/25 13:04	01/13/25 19:23	1
Toluene	ND		0.047		mg/Kg		01/10/25 13:04	01/13/25 19:23	1
Xylenes, Total	ND		0.093		mg/Kg		01/10/25 13:04	01/13/25 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*48 - 145*	*01/10/25 13:04*	*01/13/25 19:23*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		01/14/25 11:42	01/15/25 21:14	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		01/14/25 11:42	01/15/25 21:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*108*		*62 - 134*	*01/14/25 11:42*	*01/15/25 21:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		01/13/25 11:20	01/13/25 17:06	20

QC Sample Results

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18175-1

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

Lab Sample ID: MB 885-19155/1-A
Matrix: Solid
Analysis Batch: 19213

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 19155

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	ND		5.0		mg/Kg		01/10/25 13:04	01/13/25 16:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*35 - 166*	*01/10/25 13:04*	*01/13/25 16:37*	*1*

Lab Sample ID: LCS 885-19155/2-A
Matrix: Solid
Analysis Batch: 19213

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 19155

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
GRO (C6-C10)			25.0	27.5		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*210*		*35 - 166*

Lab Sample ID: 885-18175-1 MS
Matrix: Solid
Analysis Batch: 19213

Client Sample ID: BF-1
Prep Type: Total/NA
Prep Batch: 19155

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
GRO (C6-C10)	ND		24.9	25.1		mg/Kg		101	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*205*		*35 - 166*

Lab Sample ID: 885-18175-1 MSD
Matrix: Solid
Analysis Batch: 19213

Client Sample ID: BF-1
Prep Type: Total/NA
Prep Batch: 19155

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
GRO (C6-C10)	ND		25.0	25.0		mg/Kg		100	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*208*		*35 - 166*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-19155/1-A
Matrix: Solid
Analysis Batch: 19214

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 19155

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		01/10/25 13:04	01/13/25 16:37	1
Ethylbenzene	ND		0.050		mg/Kg		01/10/25 13:04	01/13/25 16:37	1
Toluene	ND		0.050		mg/Kg		01/10/25 13:04	01/13/25 16:37	1
Xylenes, Total	ND		0.10		mg/Kg		01/10/25 13:04	01/13/25 16:37	1

QC Sample Results

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18175-1

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

Lab Sample ID: MB 885-19155/1-A
Matrix: Solid
Analysis Batch: 19214

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 19155

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		48 - 145	01/10/25 13:04	01/13/25 16:37	1

Lab Sample ID: LCS 885-19155/3-A
Matrix: Solid
Analysis Batch: 19214

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 19155

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	1.17		mg/Kg		117	70 - 130
Ethylbenzene	1.00	1.18		mg/Kg		118	70 - 130
Toluene	1.00	1.19		mg/Kg		119	70 - 130
Xylenes, Total	3.00	3.49		mg/Kg		116	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		48 - 145

Lab Sample ID: 885-18175-2 MS
Matrix: Solid
Analysis Batch: 19214

Client Sample ID: BF-2
Prep Type: Total/NA
Prep Batch: 19155

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.991	1.09		mg/Kg		110	70 - 130
Ethylbenzene	ND		0.991	1.14		mg/Kg		115	70 - 130
Toluene	ND		0.991	1.12		mg/Kg		113	70 - 130
Xylenes, Total	ND		2.97	3.35		mg/Kg		113	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		48 - 145

Lab Sample ID: 885-18175-2 MSD
Matrix: Solid
Analysis Batch: 19214

Client Sample ID: BF-2
Prep Type: Total/NA
Prep Batch: 19155

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.991	1.11		mg/Kg		112	70 - 130	2	20
Ethylbenzene	ND		0.991	1.16		mg/Kg		117	70 - 130	1	20
Toluene	ND		0.991	1.15		mg/Kg		116	70 - 130	2	20
Xylenes, Total	ND		2.97	3.41		mg/Kg		115	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		48 - 145

QC Sample Results

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18175-1

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

Lab Sample ID: MB 885-19274/1-A
Matrix: Solid
Analysis Batch: 19335

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 19274

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		01/14/25 11:42	01/15/25 20:21	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		01/14/25 11:42	01/15/25 20:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*103*		*62 - 134*	*01/14/25 11:42*	*01/15/25 20:21*	*1*

Lab Sample ID: LCS 885-19274/2-A
Matrix: Solid
Analysis Batch: 19335

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 19274

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	48.7		mg/Kg		97	60 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MRL 885-19195/3
Matrix: Solid
Analysis Batch: 19195

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.525		mg/L		105	50 - 150		

Lab Sample ID: MB 885-19198/1-A
Matrix: Solid
Analysis Batch: 19195

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 19198

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		01/13/25 11:20	01/13/25 11:58	1

Lab Sample ID: LCS 885-19198/2-A
Matrix: Solid
Analysis Batch: 19195

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 19198

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	29.5		mg/Kg		98	90 - 110		

QC Association Summary

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18175-1

GC VOA

Prep Batch: 19155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18175-1	BF-1	Total/NA	Solid	5030C	
885-18175-2	BF-2	Total/NA	Solid	5030C	
885-18175-3	BF-3	Total/NA	Solid	5030C	
MB 885-19155/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-19155/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-19155/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-18175-1 MS	BF-1	Total/NA	Solid	5030C	
885-18175-1 MSD	BF-1	Total/NA	Solid	5030C	
885-18175-2 MS	BF-2	Total/NA	Solid	5030C	
885-18175-2 MSD	BF-2	Total/NA	Solid	5030C	

Analysis Batch: 19213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18175-1	BF-1	Total/NA	Solid	8015M/D	19155
885-18175-2	BF-2	Total/NA	Solid	8015M/D	19155
885-18175-3	BF-3	Total/NA	Solid	8015M/D	19155
MB 885-19155/1-A	Method Blank	Total/NA	Solid	8015M/D	19155
LCS 885-19155/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	19155
885-18175-1 MS	BF-1	Total/NA	Solid	8015M/D	19155
885-18175-1 MSD	BF-1	Total/NA	Solid	8015M/D	19155

Analysis Batch: 19214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18175-1	BF-1	Total/NA	Solid	8021B	19155
885-18175-2	BF-2	Total/NA	Solid	8021B	19155
885-18175-3	BF-3	Total/NA	Solid	8021B	19155
MB 885-19155/1-A	Method Blank	Total/NA	Solid	8021B	19155
LCS 885-19155/3-A	Lab Control Sample	Total/NA	Solid	8021B	19155
885-18175-2 MS	BF-2	Total/NA	Solid	8021B	19155
885-18175-2 MSD	BF-2	Total/NA	Solid	8021B	19155

GC Semi VOA

Prep Batch: 19274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18175-1	BF-1	Total/NA	Solid	SHAKE	
885-18175-2	BF-2	Total/NA	Solid	SHAKE	
885-18175-3	BF-3	Total/NA	Solid	SHAKE	
MB 885-19274/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-19274/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 19335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18175-1	BF-1	Total/NA	Solid	8015M/D	19274
885-18175-2	BF-2	Total/NA	Solid	8015M/D	19274
885-18175-3	BF-3	Total/NA	Solid	8015M/D	19274
MB 885-19274/1-A	Method Blank	Total/NA	Solid	8015M/D	19274
LCS 885-19274/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	19274

QC Association Summary

Client: Ensolum
Project/Site: Trunk A

Job ID: 885-18175-1

HPLC/IC

Analysis Batch: 19195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18175-1	BF-1	Total/NA	Solid	300.0	19198
885-18175-2	BF-2	Total/NA	Solid	300.0	19198
885-18175-3	BF-3	Total/NA	Solid	300.0	19198
MB 885-19198/1-A	Method Blank	Total/NA	Solid	300.0	19198
LCS 885-19198/2-A	Lab Control Sample	Total/NA	Solid	300.0	19198
MRL 885-19195/3	Lab Control Sample	Total/NA	Solid	300.0	

Prep Batch: 19198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18175-1	BF-1	Total/NA	Solid	300_Prep	
885-18175-2	BF-2	Total/NA	Solid	300_Prep	
885-18175-3	BF-3	Total/NA	Solid	300_Prep	
MB 885-19198/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-19198/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Lab Chronicle

Client: Ensolum
Job ID: 885-18175-1
Project/Site: Trunk A

Client Sample ID: BF-1
Lab Sample ID: 885-18175-1
Date Collected: 01/09/25 14:05
Matrix: Solid
Date Received: 01/10/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			19155	AT	EET ALB	01/10/25 13:04
Total/NA	Analysis	8015M/D		1	19213	JP	EET ALB	01/13/25 17:00
Total/NA	Prep	5030C			19155	AT	EET ALB	01/10/25 13:04
Total/NA	Analysis	8021B		1	19214	JP	EET ALB	01/13/25 17:00
Total/NA	Prep	SHAKE			19274	MI	EET ALB	01/14/25 11:42
Total/NA	Analysis	8015M/D		1	19335	EM	EET ALB	01/15/25 20:53
Total/NA	Prep	300_Prep			19198	JT	EET ALB	01/13/25 11:20
Total/NA	Analysis	300.0		20	19195	JT	EET ALB	01/13/25 12:37

Client Sample ID: BF-2
Lab Sample ID: 885-18175-2
Date Collected: 01/09/25 14:10
Matrix: Solid
Date Received: 01/10/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			19155	AT	EET ALB	01/10/25 13:04
Total/NA	Analysis	8015M/D		1	19213	JP	EET ALB	01/13/25 18:12
Total/NA	Prep	5030C			19155	AT	EET ALB	01/10/25 13:04
Total/NA	Analysis	8021B		1	19214	JP	EET ALB	01/13/25 18:12
Total/NA	Prep	SHAKE			19274	MI	EET ALB	01/14/25 11:42
Total/NA	Analysis	8015M/D		1	19335	EM	EET ALB	01/15/25 21:04
Total/NA	Prep	300_Prep			19198	JT	EET ALB	01/13/25 11:20
Total/NA	Analysis	300.0		20	19195	JT	EET ALB	01/13/25 13:08

Client Sample ID: BF-3
Lab Sample ID: 885-18175-3
Date Collected: 01/09/25 14:15
Matrix: Solid
Date Received: 01/10/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			19155	AT	EET ALB	01/10/25 13:04
Total/NA	Analysis	8015M/D		1	19213	JP	EET ALB	01/13/25 19:23
Total/NA	Prep	5030C			19155	AT	EET ALB	01/10/25 13:04
Total/NA	Analysis	8021B		1	19214	JP	EET ALB	01/13/25 19:23
Total/NA	Prep	SHAKE			19274	MI	EET ALB	01/14/25 11:42
Total/NA	Analysis	8015M/D		1	19335	EM	EET ALB	01/15/25 21:14
Total/NA	Prep	300_Prep			19198	JT	EET ALB	01/13/25 11:20
Total/NA	Analysis	300.0		20	19195	JT	EET ALB	01/13/25 17:06

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum
Job ID: 885-18175-1
Project/Site: Trunk A

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-25-25

Chain-of-Custody Record

Client: Ensolum

Mailing Address: 606 S Rio Grande Suite A Aztec 87410

Phone #:

email or Fax#:

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Trunk A

Project #:

Project Manager: K Summers

Sampler: CA Aponte

On Ice: ☐ Yes ☐ No

# of Coolers: 1 (Ice)

Cooler Temp (including CF): -7.4 - 0.1 = -7.5 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
885-18175 COC
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO3, NO2, PO4, SO4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
1/9	1405	S	BF-1	4oz Jar	Cool		✓	✓					✓			
1/9	1410	S	BF-2	1	1		✓	✓					✓			
1/9	1415	S	BF-3				✓	✓					✓			

Date:	Time.	Relinquished by:	Received by:	Via	Date	Time
1/9/25	1418				1/9/25	1418
Date	Time	Relinquished by.	Received by.	Via	Date	Time
1/9/25	1724			Courier	1/10/25	7:10

Remarks: Tom Long R3212 00 — Wet Frozen 1-1/10/25

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

Login Sample Receipt Checklist

Client: Ensolum Job Number: 885-18175-1

Login Number: 18175 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

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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

Action 451913

QUESTIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 451913
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2500746223**
Incident Name	**NAPP2500746223 TRUNK A LOOP PIGGING RECEIVER SUMP @ 0**
Incident Type	**Oil Release**
Incident Status	**Reclamation Report Received**

Location of Release Source *Please answer all the questions in this group.*	
Site Name	Trunk A Loop Pigging Receiver Sump
Date Release Discovered	01/07/2025
Surface Owner	Private

Incident Details *Please answer all the questions in this group.*	
Incident Type	Oil 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: Equipment Failure | Tank (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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QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 451913
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**More info needed to determine if this will be treated as a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
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.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
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: 01/17/2025

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QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 451913
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (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
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 300 and 500 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1000 (ft.) and ½ (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Zero feet, overlying, or within area
A wetland	Between 1000 (ft.) and ½ (mi.)
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	Low
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission		Yes
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)	0.1
GRO+DRO	(EPA SW-846 Method 8015M)	0.1
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		01/07/2025
On what date will (or did) the final sampling or liner inspection occur		01/09/2025
On what date will (or was) the remediation complete(d)		01/09/2025
What is the estimated surface area (in square feet) that will be reclaimed		419
What is the estimated volume (in cubic yards) that will be reclaimed		334
What is the estimated surface area (in square feet) that will be remediated		419
What is the estimated volume (in cubic yards) that will be remediated		334
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 (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 451913
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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 **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	ENVIROTECH LANDFARM #1 [fEEM0112334691]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
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: 04/15/2025
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 (continued)

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	Action Number: 451913
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 451913
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**417982**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**01/09/2025**
What was the (estimated) number of samples that were to be gathered	**10**
What was the sampling surface area in square feet	**200**

Remediation Closure Request	
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	419
What was the total volume (cubic yards) remediated	334
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	419
What was the total volume (in cubic yards) reclaimed	334
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: 04/15/2025

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QUESTIONS (continued)

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	Action Number: 451913
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	419
What was the total volume of replacement material (in cubic yards) for this site	334
Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	07/01/2025
Summarize any additional reclamation activities not included by answers (above)	None
The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 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: 04/15/2025

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QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 451913
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.	
Requesting a restoration complete approval with this submission	No
Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.	

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CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 451913
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The reclamation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this 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; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	4/30/2025