



CLOSURE REPORT

Property:

Gallegos Canyon Unit #55 (08/26/24)
Unit Letter G, S35 T28N R12W
San Juan County, New Mexico

New Mexico EMNRD OCD Incident ID No. NAPP2423945301

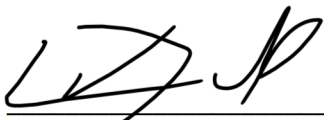
October 23, 2024

Ensolum Project No. 05A12263331

Prepared for:

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

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1.0 INTRODUCTION

1.1 Site Description & Background

Operator:	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)
Site Name:	Gallegos Canyon Unit #55 (08/26/24) (Site)
NM EMNRD OCD Incident ID No.	NAPP2423945301
Location:	36.620456° North, 108.077621° West Unit Letter G, Section 35, Township 28 North, Range 12 West San Juan County, New Mexico
Property:	Navajo Agricultural Products Industry (NAPI)
Regulatory:	New Mexico (NM) Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD), Navajo Nation Environmental Protection Agency (NNEPA)

On August 9, 2024, Enterprise personnel identified a release of natural gas from the Gallegos Canyon Unit #55 well-tie. Enterprise subsequently isolated and locked the meter run out of service. On August 26, 2024, Enterprise determined the release was “reportable” due to the potential volume of impacted soil and initiated activities to remediate petroleum hydrocarbon impact. The NNEPA and NM EMNRD OCD were 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 and NNEPA. During the evaluation and remediation of the Site, Ensolum, LLC (Ensolum) referenced New Mexico Administrative Code (NMAC) 19.15.29 *Releases*, which establishes investigation and abatement action requirements for oil and gas release sites that are subject to reporting and/or corrective action. The appropriate closure criteria for sites are determined using the siting requirements outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC. Ensolum utilized the general site characteristics and information available from NM state agency databases and federal agency geospatial databases to determine the appropriate closure criteria for the Site. Supporting figures and documentation associated with the following Siting bullets are provided in **Appendix B**.

- The NM Office of the State Engineer (OSE) tracks the usage and assignment of water rights and water well installations and records this information in the Water Rights Reporting System (WRRS) database. Water wells and other points of diversion (PODs) are each assigned POD numbers in the database (which is searchable and includes an interactive map). No PODs were identified in the same Public Land Survey System (PLSS) section as the Site, and no PODs were identified in the adjacent PLSS sections (**Figure A, Appendix B**).
- Two cathodic protection wells (CPWs) were identified with recorded depths to water in the NM EMNRD OCD imaging database in adjacent PLSS sections. No CPWs were identified in the

same PLSS section as the Site. These CPWs are depicted on **Figure B (Appendix B)**. Documentation for the closest CPW, located near the Gallegos Canyon Unit #204E production pad, indicates a depth to water of 20 feet below grade surface (bgs). This CPW is located approximately 0.82 miles west of the Site and is approximately 82 feet lower in elevation than the Site. Documentation for the CPW located near the Gallegos Canyon Unit #166E production pad indicates a depth to water of 30 feet bgs. This CPW is located approximately 1.49 miles west of the Site and is approximately 170 feet lower in elevation than the Site.

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

Based on available information Enterprise estimates the depth to water at the Site to potentially be less than 50 feet bgs due to nearby irrigation practices, 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 August 26, 2024, Enterprise initiated activities to remediate petroleum hydrocarbon impact resulting from the release. During the remediation and corrective action activities, Sunland Construction, Inc., provided heavy equipment and labor support, while Ensolum provided environmental consulting support.

The excavation measured approximately 48 feet long and 33 feet wide at the maximum extents. The maximum depth of the excavation measured approximately 15 feet bgs. The lithology encountered during the completion of remediation activities consisted primarily of silty sand and sandstone.

Approximately 972 cubic yards (yd³) of petroleum hydrocarbon-affected soils and 15 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.

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

4.0 SOIL SAMPLING PROGRAM

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

Ensolum's soil sampling program included the collection of 13 composite soil samples (S-1 through S-13) from the excavation for laboratory analysis. The composite samples were comprised of five aliquots each and represent an estimated 200 square foot (ft²) or less sample area per guidelines outlined in Section D of 19.15.29.12 NMAC. Hand tools and the excavator bucket were utilized to obtain fresh aliquots from each area of the excavation. The NM EMNRD OCD and NNEPA were notified of sampling activities at the Site. Regulatory correspondence is provided in **Appendix E**.

First Sampling Event

On August 27, 2024, sampling was performed at the Site. Composite soil samples S-1 (14' to 15') and S-2 (12' to 15') were collected from the floor of the excavation.

Second Sampling Event

On August 28, 2024, a second sampling event was performed at the Site. Composite soil sample S-3 (10' to 12') was collected from the floor of the excavation. Composite soil samples S-4 (0' to 10'), S-5 (0' to 12'), S-6 (0' to 14'), S-7 (0' to 15'), S-8 (0' to 15'), S-9 (0' to 15'), S-10 (0' to 15'), S-11 (0' to 14'), and S-12 (0' to 12') were collected from the walls of the excavation. The upper portion of the excavation walls were sloped, and the lower portions remained vertical. Both the sloped and vertical portions were sampled together. The analytical result for composite soil sample S-9 (0' to 15') indicated TPH concentrations exceeding the applicable New Mexico EMNRD OCD closure criteria.

Third Sampling Event

On August 30, 2024, a third sampling event was performed at the Site. Composite soil sample S-13 (0' to 15') was collected to replace sample S-9 after additional soil was removed from the side wall (**Figure 3, Appendix A**).

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) to the applicable NM EMNRD OCD closure criteria. The soils associated with composite soil sample S-9 were removed from the Site, and therefore, are not included in the following discussion. The laboratory analytical results are summarized in **Table 1 (Appendix F)**.

- The laboratory analytical results for the composite soil samples indicate that benzene is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 10 mg/kg.
- The laboratory analytical results for the composite soil samples S-6 and S-10 indicate total BTEX concentrations of 0.080 mg/kg and 1.2 mg/kg, respectively, which are less than the NM EMNRD OCD closure criteria of 50 mg/kg. The laboratory analytical results for the other composite soil samples collected from the soils remaining in place indicate total BTEX is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 50 mg/kg.
- The laboratory analytical results for the composite soil samples S-8 and S-10 indicate total combined TPH GRO/DRO/MRO concentrations of 12 mg/kg and 6.4 mg/kg, respectively, which are less than the NM EMNRD OCD closure criteria of 100 mg/kg. The laboratory

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

- The laboratory analytical results for composite soil samples S-6, S-7, and S-8 indicate chloride concentrations ranging from 89 mg/kg (S-8) to 500 mg/kg (S-6), which are less than the NM EMNRD OCD closure criteria of 600 mg/kg. The laboratory analytical results for the other composite soil samples collected from soils remaining at the Site indicate that chloride is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 600 mg/kg.

7.0 RECLAMATION

The excavation was backfilled with imported fill and then contoured to the surrounding grade. Once the Site is no longer being used for oil and gas production, final reclamation and revegetation will be addressed in accordance with 19.15.29.13 NMAC.

8.0 FINDINGS AND RECOMMENDATION

- Thirteen 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 972 yd³ of petroleum hydrocarbon-affected soils and 15 bbls of hydro-excavation soil cuttings and water were transported to the Envirotech landfarm for disposal/remediation.
- Enterprise requests deferment of final reclamation and revegetation at the Site to address the requirements of 19.15.29.13 NMAC until after the Site is no longer being utilized for oil and gas production.

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

9.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

9.1 Standard of Care

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

9.2 Limitations

Findings, conclusions, and recommendations resulting from these services are based upon information derived from the on-Site activities and other services performed under this scope of work, and it should be noted that this information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have

been latent, inaccessible, unobservable, or not present during these services, and Ensolum cannot represent that the Site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during the investigation. Environmental conditions at other areas or portions of the Site may vary from those encountered at actual sample locations. Ensolum's findings and recommendation are based solely upon data available to Ensolum at the time of these services.

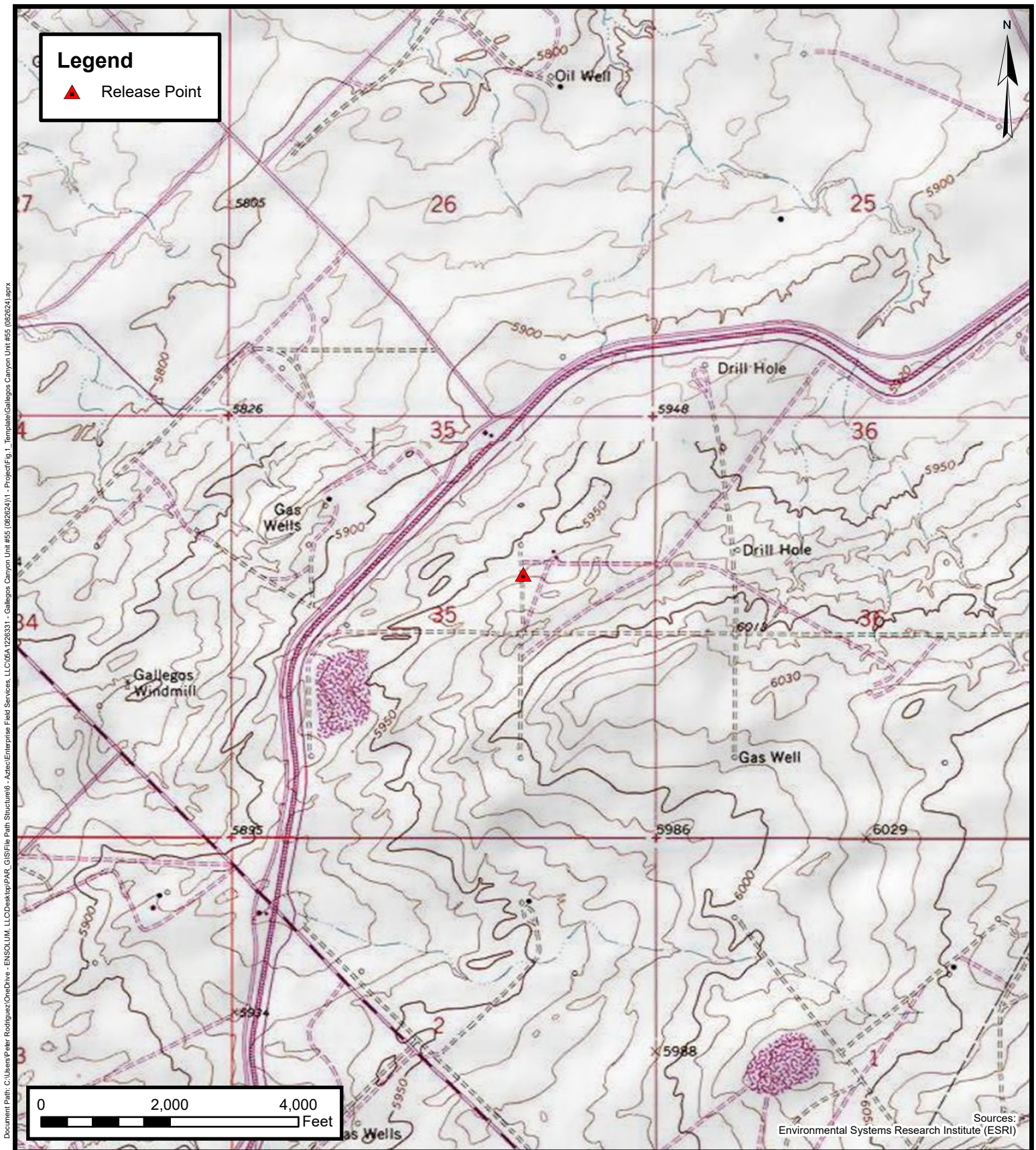
9.3 Reliance

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



APPENDIX A

Figures



Topographic Map

Enterprise Field Services, LLC
Gallegos Canyon Unit #55 (08/26/24)
Project Number: 05A1226331

Unit Letter G, S35 T28N R12W, San Juan County, New Mexico
36.620456, -108.077621

FIGURE

1



Site Vicinity Map

Enterprise Field Services, LLC
Gallegos Canyon Unit #55 (08/26/24)
Project Number: 05A1226331

Unit Letter G, S35 T28N R12W, San Juan County, New Mexico
36.620456, -108.077621

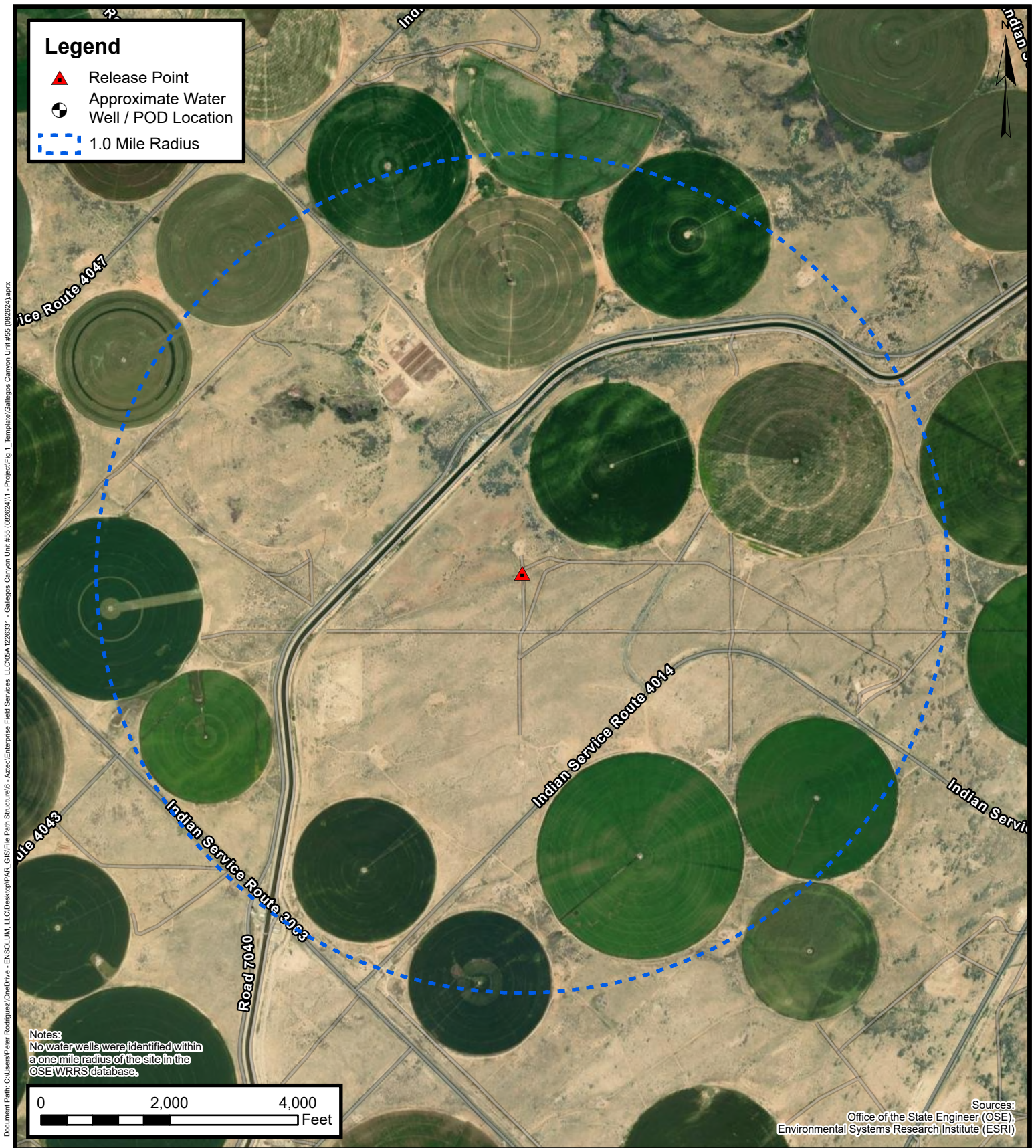
FIGURE
2





APPENDIX B

Siting Figures and Documentation



1.0 Mile Radius Water Well / POD Location Map

Enterprise Field Services, LLC
Gallegos Canyon Unit #55 (08/26/24)
Project Number: 05A1226331

Unit Letter G, S35 T28N R12W, San Juan County, New Mexico
36.620456, -108.077621

**FIGURE
A**



Cathodic Protection Well Recorded Depth to Water

Enterprise Field Services, LLC
Gallegos Canyon Unit #55 (08/26/24)
Project Number: 05A1226331

Unit Letter G, S35 T28N R12W, San Juan County, New Mexico
36.620456, -108.077621

FIGURE
B

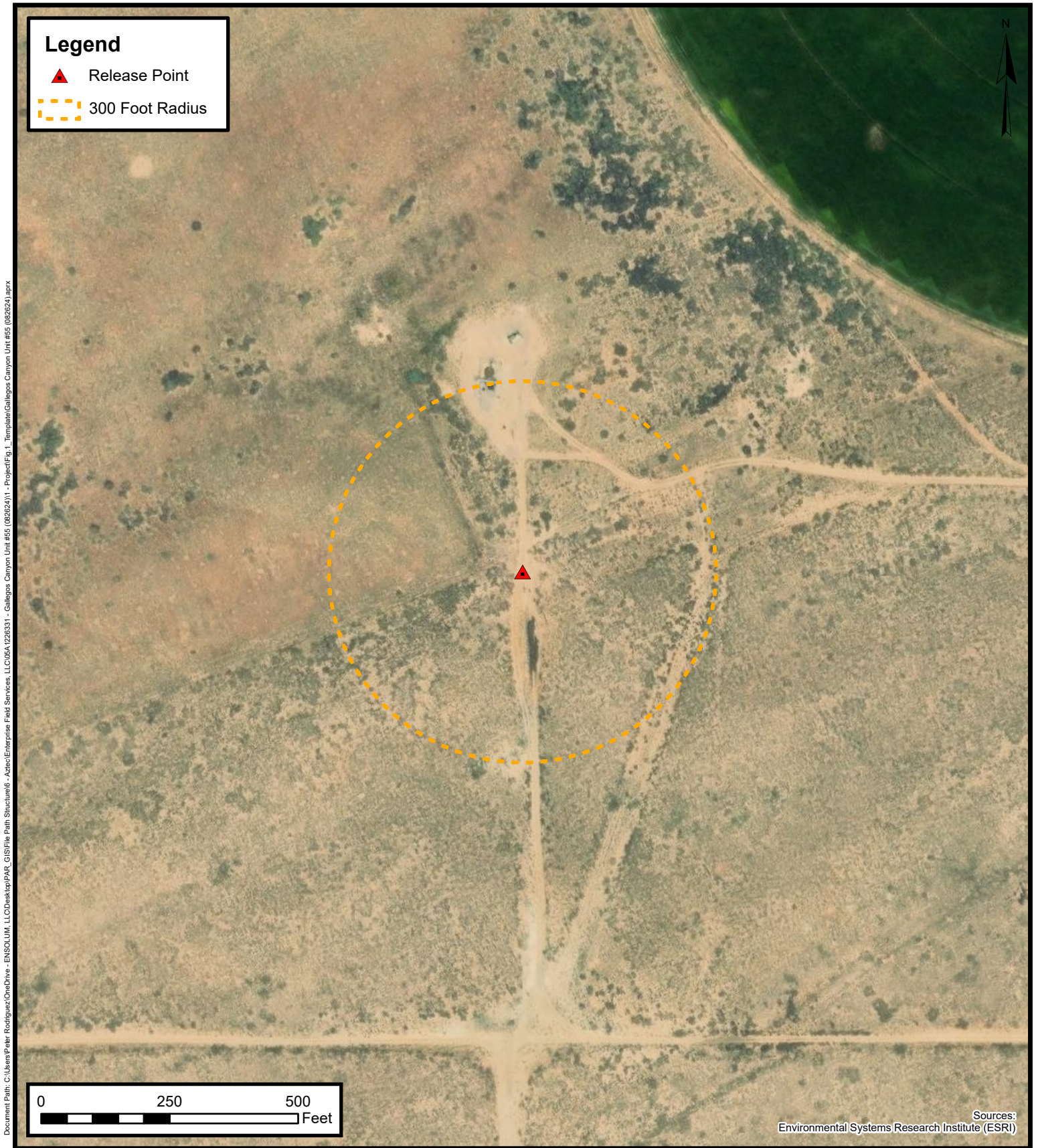


300 Foot Radius Watercourse and Drainage Identification

Enterprise Field Services, LLC
Gallegos Canyon Unit #55 (08/26/24)
Project Number: 05A1226331

Unit Letter G, S35 T28N R12W, San Juan County, New Mexico
36.620456, -108.077621

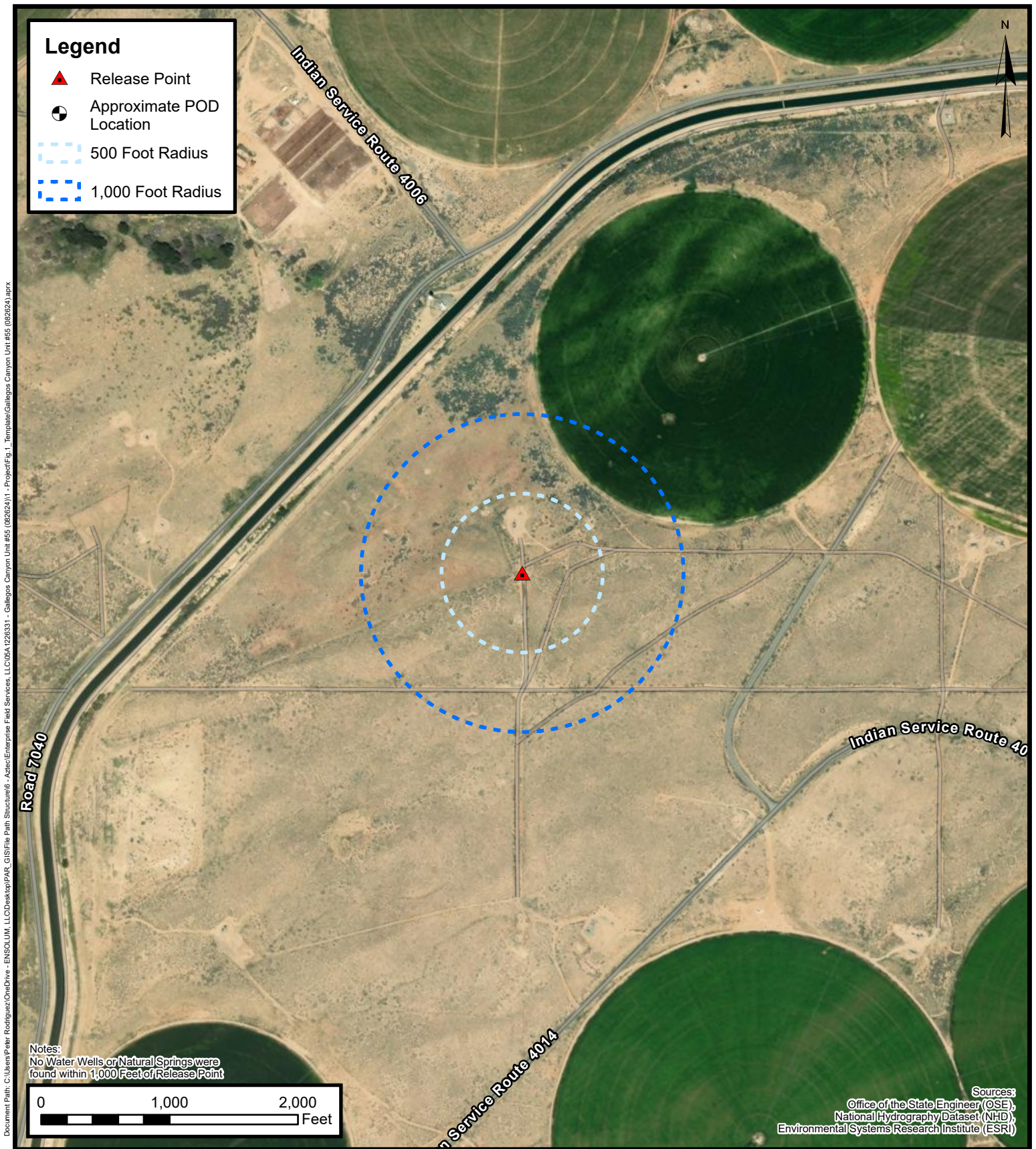
FIGURE
C



**300 Foot Radius Occupied
Structure Identification**
Enterprise Field Services, LLC
Gallegos Canyon Unit #55 (08/26/24)
Project Number: 05A1226331

Unit Letter G, S35 T28N R12W, San Juan County, New Mexico
36.620456, -108.077621

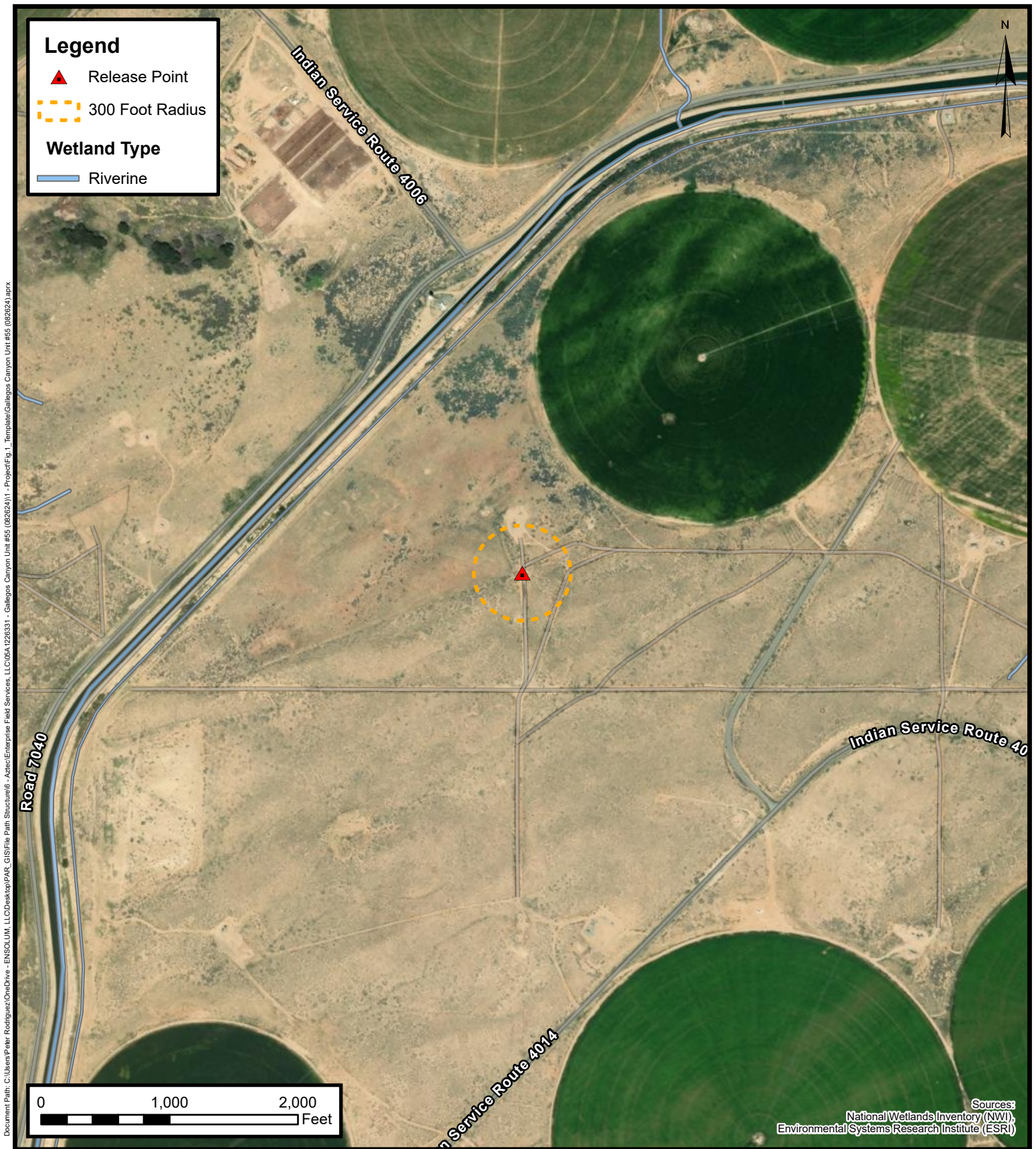
**FIGURE
D**



**Water Well and
Natural Spring Location**
Enterprise Field Services, LLC
Gallegos Canyon Unit #55 (08/26/24)
Project Number: 05A1226331

Unit Letter G, S35 T28N R12W, San Juan County, New Mexico
36.620456, -108.077621

**FIGURE
E**



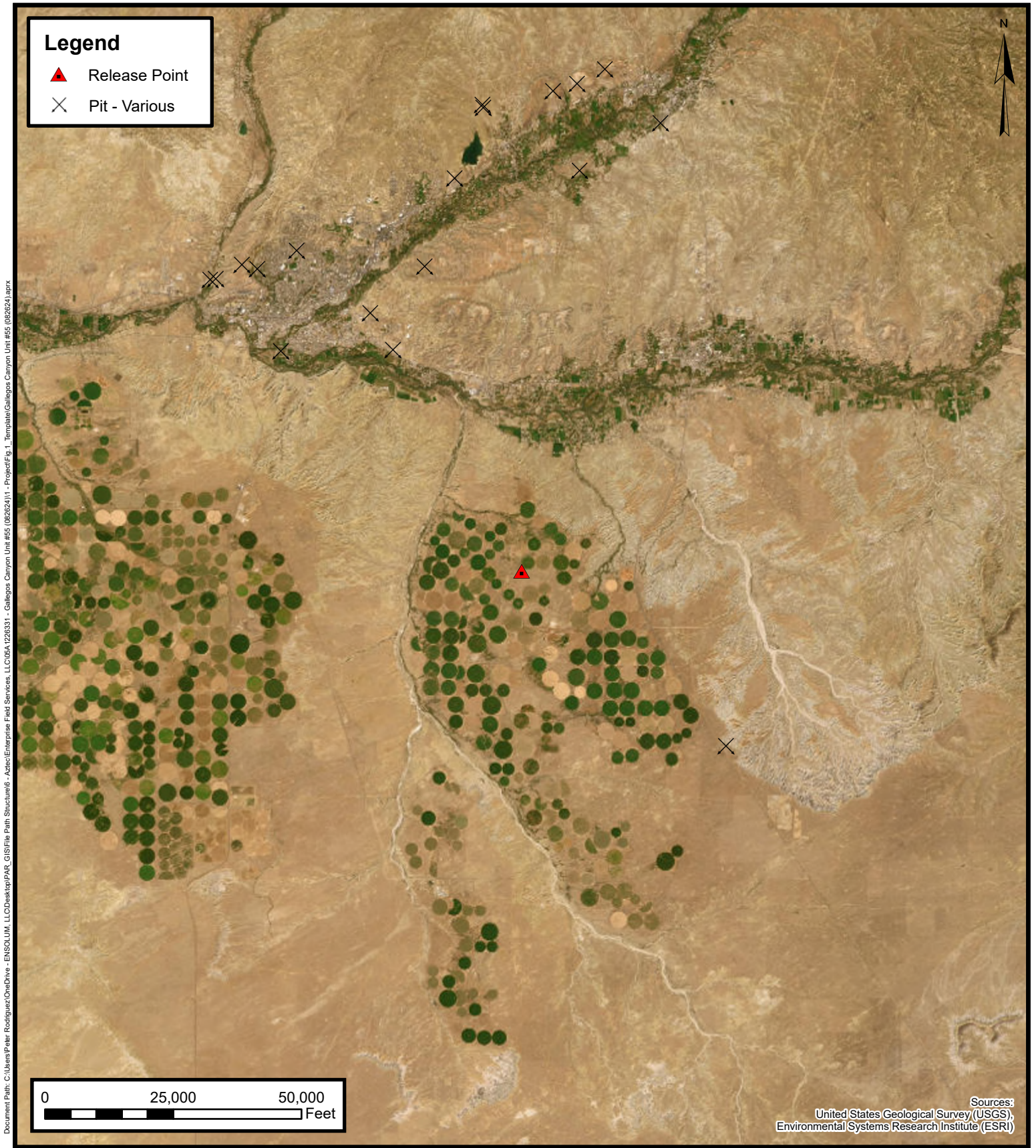
Wetlands

Enterprise Field Services, LLC
Gallegos Canyon Unit #55 (08/26/24)
Project Number: 05A1226331

Unit Letter G, S35 T28N R12W, San Juan County, New Mexico
36.620456, -108.077621

FIGURE

F

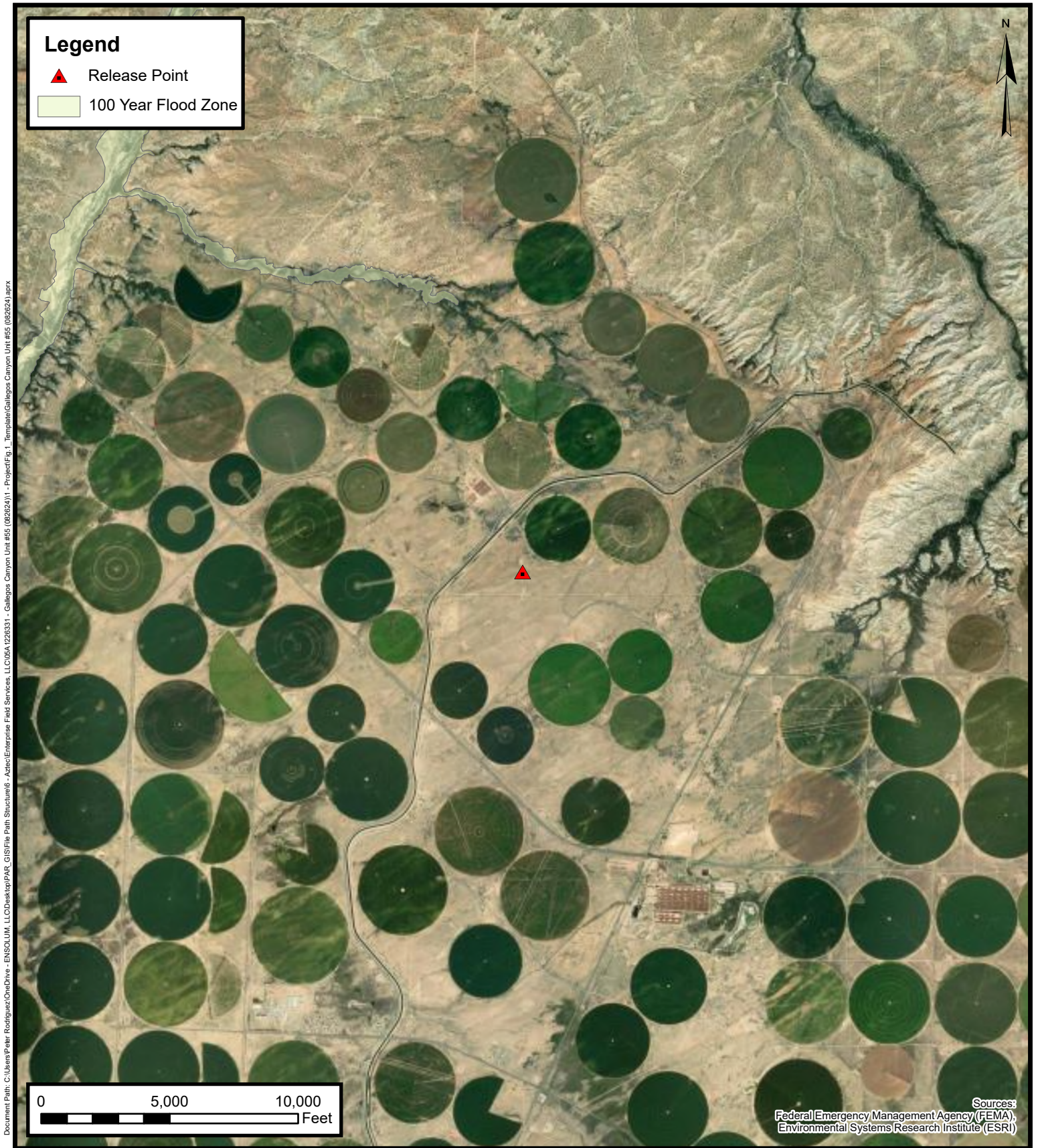


Mines, Mills, and Quarries

Enterprise Field Services, LLC
Gallegos Canyon Unit #55 (08/26/24)
Project Number: 05A1226331

Unit Letter G, S35 T28N R12W, San Juan County, New Mexico
36.620456, -108.077621

FIGURE
G



100-Year Flood Plain Map

Enterprise Field Services, LLC
Gallegos Canyon Unit #55 (08/26/24)
Project Number: 05A1226331

Unit Letter G, S35 T28N R12W, San Juan County, New Mexico
36.620456, -108.077621

FIGURE
H



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

No report data available.

Basin/County Search:

County: SJ

PLSS Search:

Range: 12W

Township: 27N

Section: 1,2,3

* UTM location was derived from PLSS - see Help

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



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

No report data available.

Basin/County Search:

County: SJ

PLSS Search:

Range: 12W

Township: 28N

Section: 25,26,27,34,35,36

* UTM location was derived from PLSS - see Help

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

3240

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

30-045-24429

Operator EPFS Location: Unit E Sec. 34 Twp 28 Rng 12Name of Well/Wells or Pipeline Served GALLEGOS CANYON UNIT 166E # 94435

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

Casing, Sizes, Types & Depths EP - P.V.C. 20'If Casing is cemented, show amounts & types used 5 Bags - Zin Type 1 & 2If 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. START DRILL WITH WATER—Depths gas encountered: —Type & amount of coke breeze used: HERESCO SW 6000 lbs—Depths anodes placed: 100 - 380Depths vent pipes placed: 380Vent pipe perforations: 280

Remarks: _____

O H Daniel

RECEIVED
OCT 14 1997
OIL CON. DIV.
DIST. 3

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

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

DEEP WELL GROUND BED DATA

DATE May 23, 1997COMPANY EPFS/AmocoCOUNTY San Juan STATE NMCONTRACT NO. FC-96-1000UNIT NO. 94435LOCATION Gallegos CU #166EGROUNDBED: DEPTH 400 Ft., DIA. 7 7/8 In., ANODES (15) 2 x 60 SHA-2CASING: SIZE 8 In., DEPTH 20 Ft.

DEPTH FT.	DRILLER'S LOG	RESISTIVITY OHMS	AMPS	ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
5	Casing						
10	"						
15	"						
20	Brown Sand						
25	"						
30	" (Water)						
35	"						
40	"		1.2				
45	"		1.3				
50	"		1.1				
55	"		1.1				
60	"		1.0				
65	"		1.5				
70	"		1.1				
75	"		1.1				
80	"		1.0				
85	"		1.0				
90	"		1.4				
95	Shale		1.0				
100	"		1.1	15	100	1.3	6.6
105	"		1.4	14	106	1.4	7.4
110	"		1.1	13	112	1.5	7.9
115	"		1.2				
120	"		1.1	12	120	1.2	6.4
125	"		1.0				
130	"		1.0				
135	"		0.8				
140	"		0.9				
145	Blue Sandstone & Conglomerate		0.9				
150	"		0.9				
155	"		1.0				
160	"		1.0	11	158	1.0	4.1
165	"		0.9				
170	"		0.8				
175	"		0.9				
180	"		0.9				
185	"		0.9				
190	"		0.8				
195	"		0.8				
200	"		0.9				
205	Shale & Sandy Shale		0.9				
210	"		0.9				
215	"		1.1	10	215	1.2	4.8
220	"		1.0	9	222	1.0	4.8
225	"		1.0				
230	"		1.0	8	230	1.0	4.8
235	"		0.9				
240	Shale & Sandy Shale		1.4	7	240	1.4	6.5

TDM1350

COMPANY EPFS/AMOCODATE May 23, 1997LOCATION Gallegos CU #166EUNIT NO. 94435

DEPTH Ft	DRILLER'S LOG	RESISTIVITY OHMS	AMPS	ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
245	Shale & Sandy Shale		1.5	6	247	1.5	6.6
250	"		1.5				
255	"		1.1	5	255	1.1	5.6
260	"		0.9				
265	"		0.8				
270	"		0.7				
275	"		0.6				
280	"		0.5				
285	"		0.5				
290	"		0.5				
295	"		0.4				
300	"		0.5				
305	Sandstone		0.5				
310	"		0.5				
315	"		0.5				
320	"		0.3				
325	"		0.4				
330	"		0.5				
335	"		0.5				
340	"		0.4				
345	"		0.4				
350	"		0.4				
355	"		0.6				
360	"		1.4	4	360	1.4	6.0
365	"		1.5				
370	"		1.5	3	368	1.4	4.7
375	"		2.8	2	374	1.4	3.7
380	"		3.2	1	380	3.2	3.8
385	Shale						
390	"						
395	"						
400	Sandstone						
405							
410							
415							
420							
425							
430							
435							
440							
445							
450							
455							
460							
465							
470							
475							
480							
485							
490							
495							
500							
505							
510							

TDM1350

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS

NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

3296

30-045-25262

Operator LEPFS Location: Unit I Sec. 34 Twp 28 Rng 12Name of Well/Wells or Pipeline Served Gallegos Canyon unit 204GElevation _____ Completion Date 12-4-97 Total Depth 360 Land Type *56078903A^FCasing, Sizes, Types & Depths 8 5/8" - PVC - 20'If Casing is cemented, show amounts & types used 45x ZIA Type 1 ECIf 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. Wet 20' to 110'RECEIVED
MAR - 2 1998OIL CON. DIV.
DIST. 3Depths gas encountered: —Type & amount of coke breeze used: Lorescosw-Depths anodes placed: 148 - 340'Depths vent pipes placed: 345Vent pipe perforations: 200Remarks: Oil Spill

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.

U

DEEP WELL GROUND BED DATA

DATE: December 4, 1997

COMPANY: EPFS/Amoco

COUNTY: San Juan STATE: New Mexico

CONTRACT NO: A96-24

UNIT NO: CPS 94416 WO 3472

LOCATION: G.C.U. #204E

GROUNDBED: DEPTH / FT: 360' DIA / INCH: 7 7/8" ANODES: (15) 2 x 60 SHA-2

CASING: DEPTH / FT: 20' SIZE: 8"

DEPTH IN FEET	DRILLERS LOG	RESISTIVITY		ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
		OHMS	AMPS				
5	Casing						
10							
15							
20							
25	Brown Clay & Sandstone						
30							
35							
40			1.2				
45			1.1				
50			1.6				
55			1.5				
60	Wet		1.0				
65			0.9				
70			0.8				
75			0.9				
80			0.8				
85			0.8				
90			0.9				
95			1.0				
100			1.0				
105			1.1				
110			0.9				
115	Shale		1.0				
120			1.0				
125			1.1				
130			1.0				
135			1.3				
140	Water		1.1				
145			1.1	15	145	1.1	4.4
150			1.1	14	150	1.4	5.2
155			1.3				
160			1.3				
165			1.5	13	164	1.4	5.7
170			1.4	12	172	1.5	6.4
175			1.8				
180			1.6	11	180	1.6	6.3
185			1.8	10	187	1.8	6.8
190			1.7				
195			1.3	9	196	1.8	5.7
200			1.3				
205			1.5	8	204	1.5	5.8
210			1.5	7	212	1.5	6.0

JOB # TDMI350

DEPTH IN FEET	DRILLERS LOG	RESISTIVITY		ANODE NUMBER	DEPTH TO ANODE TOP	BEFORE COKE	AFTER COKE
		OHMS	AMPS				
215			1.5				
220			1.3	6	222	1.4	5.3
225			1.1				
230			1.0				
235			1.0	5	235	1.0	4.0
240			0.9				
245			1.0	4	245	1.0	4.0
250			0.9				
255			0.9				
260			0.9				
265			0.9				
270			0.9				
275			0.9				
280			0.8				
285			0.9				
290			0.8				
295			0.8				
300			0.8				
305			1.0	3	305	1.0	3.6
310			0.9				
315			0.8				
320			0.8				
325			0.9				
330			1.4	2	330	1.4	4.6
335			1.3				
340			1.2	1	340	1.2	4.2
345			0.9				
350			0.7				
355							
360	Shale						

JOB # TDMI350

30-045-06779

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 M Sec. 3 Twp 27N Rng 12W

Name of Well/Wells or Pipeline Serviced Federal 3-5 #1

Elevation _____ Completion Date 2/5/76 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.



APPENDIX C

Executed C-138 Solid Waste Acceptance Form

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

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

Form C-138
Revised 08/01/11

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

97057-425

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Generator Name and Address:

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

PayKey:AM14058

PM: ME Eddleman

AFE: N74395

2. Originating Site:

Gallegos Canyon #55

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

UL G Section 35 T28N R12W;36.620456, -108.077621

Aug/Sept 2024

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) 972/15 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* 8-14-2024, 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: Sunland Construction

OCD Permitted Surface Waste Management Facility

Name and Facility Permit #: **Envirotech Inc. Soil Remediation Facility * Permit #: NM 01-0011**

Address of Facility: **Hilltop, NM**

Method of Treatment and/or Disposal:

☐ Evaporation ☐ Injection ☐ Treating Plant ☒ Landfarm ☐ Landfill ☐ Other

Waste Acceptance Status:

☒ **APPROVED**

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

PRINT NAME: Greg Crabtree

SIGNATURE: Greg Crabtree

Surface Waste Management Facility Authorized Agent

TITLE: Enviro Manager

TELEPHONE NO.:

505-632-0615

DATE: 8/14/24



APPENDIX D

Photographic Documentation

SITE PHOTOGRAPHS

Closure Report
Enterprise Field Services, LLC
Gallegos Canyon Unit #55 (08/26/24)
Ensolum Project No. 05A1226331

**Photograph 1**

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

**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
Gallegos Canyon Unit #55 (08/26/24)
Ensolum Project No. 05A1226331

**Photograph 4**

Photograph Description: View of the excavation prior to the second sampling event.

**Photograph 5**

Photograph Description: View of the excavation prior to the second sampling event.

**Photograph 6**

Photograph Description: View of the in-process excavation of S-9 soils.



SITE PHOTOGRAPHS

Closure Report
Enterprise Field Services, LLC
Gallegos Canyon Unit #55 (08/26/24)
Ensolum Project No. 05A1226331

**Photograph 7**

Photograph Description: View of the excavation in the area of S-13 after removal of soils associated with S-9. The remainder of the excavation remained unchanged from Photographs 4 and 5.

**Photograph 8**

Photograph Description: View of the site after initial restoration.





APPENDIX E

Regulatory Correspondence

From: OCDOnline@state.nm.us
To: [Long, Thomas](#)
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 377662
Date: Monday, August 26, 2024 12:38:23 PM

[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#) nAPP2423945301.

The sampling event is expected to take place:

When: 08/28/2024 @ 09:00

Where: G-35-28N-12W 0 FNL 0 FEL (36.620456,-108.077621)

Additional Information: Ensolum, LLC

Additional Instructions: 36.620456,-108.077621

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



From: nnepawq@frontiernet.net <nnepawq@frontiernet.net>
Sent: Friday, August 30, 2024 7:53 AM
To: Long, Thomas <tjlong@eprod.com>
Cc: Stone, Brian <bmstone@eprod.com>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Subject: [EXTERNAL] Re: Gallegos Canyon Unit #55 - UL G Section 35 T28N R12W;36.620456, -108.077621; NMOCD Incident #nAPP2423945301

[Use caution with links/attachments]

Hi Tom,

Thanks for the update. Go ahead with the plan to resample after excavation.

—Steve

Steve Austin
Sr. Hydrologist
NNEPA Water Quality/NPDES Program
(505) 368-1037

On Friday, August 30, 2024, 7:27 AM, Long, Thomas <tjlong@eprod.com> wrote:

Steve,

Please find the attached site sketch and lab reports for the Gallegos Canyon Unit #55 excavation.

Soil sample S-9 exceeds NMOCD remediation standards for TPH. All other sample results were below NMOCD remediation standards. Enterprise will excavate more from the area of S-9 and resample. We plan of resampling today. Please acknowledge if it is acceptable to sample today. If you have any additional questions, please call or email.

Thomas J. Long

Senior Environmental Scientist

Enterprise Products Company

614 Reilly Ave.

Farmington, New Mexico 87401

505-599-2286 (office)

505-215-4727 (Cell)

tjlong@eprod.com



From: Long, Thomas

Sent: Monday, August 26, 2024 12:44 PM

To: 'nnepawq@frontiernet.net' <nnepawq@frontiernet.net>

Cc: Stone, Brian <bmstone@eprod.com>

Subject: Gallegos Canyon Unit #55 - UL G Section 35 T28N R12W;36.620456, -108.077621; NMOCD Incident #nAPP2423945301

Steve,

This email is a notification the Enterprise had a release of natural gas and natural gas liquids on the Gallegos Canyon Unit #55 on August 8, 2024. No liquids were observed on the ground surface. No washes affected. No fire nor injuries. Enterprise began repair and remediation activities last week and it was determined to today August 26, 2024, that the release was reportable per NMOCD

regulation. This email is also a notification that Enterprise will collect soil samples for laboratory analysis on August 28, 2024 at 9:00 a.m. Please call or email if you have questions.

Thomas J. Long

Senior Environmental Scientist

Enterprise Products Company

614 Reilly Ave.

Farmington, New Mexico 87401

505-599-2286 (office)

505-215-4727 (Cell)

tjlong@eprod.com



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



APPENDIX F

Table 1 – Soil Analytical Summary



TABLE 1 Gallegos Canyon Unit #55 (08/26/24) SOIL ANALYTICAL SUMMARY													
Sample I.D.	Date	Sample Type C- Composite G - Grab	Sample Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX ¹ (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total Combined TPH (GRO/DRO/MRO) ¹ (mg/kg)	Chloride (mg/kg)
New Mexico Energy, Mineral & Natural Resources Department Oil Conservation Division Closure Criteria (Tier I)				10	NE	NE	NE	50	NE	NE	NE	100	600
Composite Soil Samples Removed by Excavation													
S-9	08.27.24	C	0 to 15	<0.019	<0.038	<0.038	<0.076	ND	<3.8	74	160	230	<60
Excavation Composite Soil Samples													
S-1	08.27.24	C	14 to 15	<0.022	<0.043	<0.043	<0.087	ND	<4.3	<9.8	<49	ND	<60
S-2	08.27.24	C	12 to 15	<0.020	<0.039	<0.039	<0.079	ND	<3.9	<9.7	<48	ND	<60
S-3	08.28.24	C	10 to 12	<0.018	<0.035	<0.035	<0.070	ND	<3.5	<9.4	<47	ND	<60
S-4	08.28.24	C	0 to 10	<0.019	<0.037	<0.037	<0.075	ND	<3.7	<9.6	<48	ND	<60
S-5	08.28.24	C	0 to 12	<0.018	<0.036	<0.036	<0.072	ND	<3.6	<9.2	<46	ND	<60
S-6	08.28.24	C	0 to 14	<0.019	<0.038	<0.038	0.080	0.080	<3.8	<9.3	<46	ND	500
S-7	08.28.24	C	0 to 15	<0.019	<0.038	<0.038	<0.075	ND	<3.8	<9.1	<46	ND	170
S-8	08.28.24	C	0 to 15	<0.018	<0.035	<0.035	<0.070	ND	<3.5	12	<46	12	89
S-10	08.28.24	C	0 to 15	<0.021	0.090	0.067	1.0	1.2	6.4	<9.8	<49	6.4	<60
S-11	08.28.24	C	0 to 14	<0.018	<0.035	<0.035	<0.071	ND	<3.5	<9.9	<49	ND	<60
S-12	08.28.24	C	0 to 12	<0.020	<0.039	<0.039	<0.079	ND	<3.9	<9.2	<46	ND	<60
S-13	08.30.24	C	0 to 15	<0.015	<0.031	<0.031	<0.062	ND	<3.1	<9.7	<48	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

mg/kg = milligrams per kilogram

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes

TPH = Total Petroleum Hydrocarbons

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

MRO = Motor Oil/Lube Oil Range Organics



APPENDIX G

Laboratory Data Sheets & Chain of Custody Documentation



Environment Testing

1

2

3

4

5

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7

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kyle Summers
Ensolum
606 S Rio Grande
Suite A
Aztec, New Mexico 87410
Generated 9/3/2024 2:58:55 PM

JOB DESCRIPTION

Gallegos Canyon Unit #55

JOB NUMBER

885-10690-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

Eurofins Albuquerque

Job Notes

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

Authorization



Generated
9/3/2024 2:58:55 PM

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

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Laboratory Job ID: 885-10690-1

Table of Contents

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Definitions/Glossary

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10690-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: Gallegos Canyon Unit #55

Job ID: 885-10690-1

Job ID: 885-10690-1

Eurofins Albuquerque

Job Narrative 885-10690-1

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 8/28/2024 7:30 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 4.9°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

Method 8015D_DRO: The continuing calibration verification (CCV) associated with batch 885-11205 recovered above the upper control limit for Diesel Range Organics [C10-C28]. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: S-1 (885-10690-1) and S-2 (885-10690-2).

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

HPLC/IC

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

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10690-1

Client Sample ID: S-1

Lab Sample ID: 885-10690-1

Date Collected: 08/27/24 10:00

Matrix: Solid

Date Received: 08/28/24 07:30

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		4.3	mg/Kg		08/28/24 08:56	08/28/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		35 - 166			08/28/24 08:56	08/28/24 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		08/28/24 08:56	08/28/24 11:08	1
Ethylbenzene	ND		0.043	mg/Kg		08/28/24 08:56	08/28/24 11:08	1
Toluene	ND		0.043	mg/Kg		08/28/24 08:56	08/28/24 11:08	1
Xylenes, Total	ND		0.087	mg/Kg		08/28/24 08:56	08/28/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		48 - 145			08/28/24 08:56	08/28/24 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		9.8	mg/Kg		08/28/24 09:30	08/28/24 13:27	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		08/28/24 09:30	08/28/24 13:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			08/28/24 09:30	08/28/24 13:27	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		08/28/24 10:15	08/28/24 12:09	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10690-1

Client Sample ID: S-2

Lab Sample ID: 885-10690-2

Date Collected: 08/27/24 14:15

Matrix: Solid

Date Received: 08/28/24 07:30

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		08/28/24 08:56	08/28/24 11:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		35 - 166			08/28/24 08:56	08/28/24 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		08/28/24 08:56	08/28/24 11:30	1
Ethylbenzene	ND		0.039	mg/Kg		08/28/24 08:56	08/28/24 11:30	1
Toluene	ND		0.039	mg/Kg		08/28/24 08:56	08/28/24 11:30	1
Xylenes, Total	ND		0.079	mg/Kg		08/28/24 08:56	08/28/24 11:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145			08/28/24 08:56	08/28/24 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		9.7	mg/Kg		08/28/24 09:30	08/28/24 13:50	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		08/28/24 09:30	08/28/24 13:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	104		62 - 134			08/28/24 09:30	08/28/24 13:50	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		08/28/24 10:15	08/28/24 12:24	20

Eurofins Albuquerque

QC Sample Results

Client: Ensolum

Job ID: 885-10690-1

Project/Site: Gallegos Canyon Unit #55

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

Lab Sample ID: MB 885-11169/1-A

Matrix: Solid

Analysis Batch: 11213

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11169

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		08/28/24 08:56	08/28/24 10:46	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		35 - 166			08/28/24 08:56	08/28/24 10:46	1

Lab Sample ID: LCS 885-11169/2-A

Matrix: Solid

Analysis Batch: 11213

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11169

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	24.2		mg/Kg		97	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	209	S1+	35 - 166				

Lab Sample ID: 885-10690-1 MS

Matrix: Solid

Analysis Batch: 11213

Client Sample ID: S-1

Prep Type: Total/NA

Prep Batch: 11169

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		21.7	19.2		mg/Kg		89	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	202	S1+	35 - 166						

Lab Sample ID: 885-10690-1 MSD

Matrix: Solid

Analysis Batch: 11213

Client Sample ID: S-1

Prep Type: Total/NA

Prep Batch: 11169

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		21.7	21.0		mg/Kg		97	70 - 130	9	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	199	S1+	35 - 166								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-11169/1-A

Matrix: Solid

Analysis Batch: 11214

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11169

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/28/24 08:56	08/28/24 10:46	1
Ethylbenzene	ND		0.050	mg/Kg		08/28/24 08:56	08/28/24 10:46	1
Toluene	ND		0.050	mg/Kg		08/28/24 08:56	08/28/24 10:46	1

Eurofins Albuquerque

QC Sample Results

Client: Ensolum

Job ID: 885-10690-1

Project/Site: Gallegos Canyon Unit #55

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

Lab Sample ID: MB 885-11169/1-A

Matrix: Solid

Analysis Batch: 11214

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11169

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10	mg/Kg		08/28/24 08:56	08/28/24 10:46	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		48 - 145			08/28/24 08:56	08/28/24 10:46	1

Lab Sample ID: LCS 885-11169/3-A

Matrix: Solid

Analysis Batch: 11214

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11169

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	1.00		mg/Kg		100	70 - 130
Ethylbenzene	1.00	1.01		mg/Kg		101	70 - 130
Toluene	1.00	1.02		mg/Kg		102	70 - 130
Xylenes, Total	3.00	3.04		mg/Kg		101	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	107		48 - 145				

Lab Sample ID: 885-10690-2 MS

Matrix: Solid

Analysis Batch: 11214

Client Sample ID: S-2

Prep Type: Total/NA

Prep Batch: 11169

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.788	0.792		mg/Kg		100	70 - 130
Ethylbenzene	ND		0.788	0.808		mg/Kg		103	70 - 130
Toluene	ND		0.788	0.794		mg/Kg		101	70 - 130
Xylenes, Total	ND		2.36	2.38		mg/Kg		101	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	102		48 - 145						

Lab Sample ID: 885-10690-2 MSD

Matrix: Solid

Analysis Batch: 11214

Client Sample ID: S-2

Prep Type: Total/NA

Prep Batch: 11169

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.788	0.792		mg/Kg		100	70 - 130	0	20
Ethylbenzene	ND		0.788	0.802		mg/Kg		102	70 - 130	1	20
Toluene	ND		0.788	0.793		mg/Kg		101	70 - 130	0	20
Xylenes, Total	ND		2.36	2.37		mg/Kg		100	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	100		48 - 145								

Eurofins Albuquerque

QC Sample Results

Client: Ensolum

Job ID: 885-10690-1

Project/Site: Gallegos Canyon Unit #55

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

Lab Sample ID: MB 885-11173/1-A

Matrix: Solid

Analysis Batch: 11205

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11173

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		08/28/24 09:30	08/28/24 12:39	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		08/28/24 09:30	08/28/24 12:39	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			08/28/24 09:30	08/28/24 12:39	1

Lab Sample ID: LCS 885-11173/2-A

Matrix: Solid

Analysis Batch: 11205

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11173

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Diesel Range Organics [C10-C28]	50.0	62.2		mg/Kg		124	60 - 135	
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
Di-n-octyl phthalate (Surr)	105		62 - 134					

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-11183/1-A

Matrix: Solid

Analysis Batch: 11210

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11183

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		08/28/24 10:15	08/28/24 11:38	1

Lab Sample ID: LCS 885-11183/2-A

Matrix: Solid

Analysis Batch: 11210

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11183

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	30.0	28.7		mg/Kg		96	90 - 110	

Lab Sample ID: MB 885-11210/12

Matrix: Solid

Analysis Batch: 11210

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/Kg			08/28/24 08:52	1

Lab Sample ID: MRL 885-11210/11

Matrix: Solid

Analysis Batch: 11210

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	0.532		mg/L		106	50 - 150	

Eurofins Albuquerque

QC Association Summary

Client: Ensolum

Job ID: 885-10690-1

Project/Site: Gallegos Canyon Unit #55

GC VOA

Prep Batch: 11169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10690-1	S-1	Total/NA	Solid	5035	
885-10690-2	S-2	Total/NA	Solid	5035	
MB 885-11169/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-11169/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-11169/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-10690-1 MS	S-1	Total/NA	Solid	5035	
885-10690-1 MSD	S-1	Total/NA	Solid	5035	
885-10690-2 MS	S-2	Total/NA	Solid	5035	
885-10690-2 MSD	S-2	Total/NA	Solid	5035	

Analysis Batch: 11213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10690-1	S-1	Total/NA	Solid	8015M/D	11169
885-10690-2	S-2	Total/NA	Solid	8015M/D	11169
MB 885-11169/1-A	Method Blank	Total/NA	Solid	8015M/D	11169
LCS 885-11169/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	11169
885-10690-1 MS	S-1	Total/NA	Solid	8015M/D	11169
885-10690-1 MSD	S-1	Total/NA	Solid	8015M/D	11169

Analysis Batch: 11214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10690-1	S-1	Total/NA	Solid	8021B	11169
885-10690-2	S-2	Total/NA	Solid	8021B	11169
MB 885-11169/1-A	Method Blank	Total/NA	Solid	8021B	11169
LCS 885-11169/3-A	Lab Control Sample	Total/NA	Solid	8021B	11169
885-10690-2 MS	S-2	Total/NA	Solid	8021B	11169
885-10690-2 MSD	S-2	Total/NA	Solid	8021B	11169

GC Semi VOA

Prep Batch: 11173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10690-1	S-1	Total/NA	Solid	SHAKE	
885-10690-2	S-2	Total/NA	Solid	SHAKE	
MB 885-11173/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-11173/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 11205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10690-1	S-1	Total/NA	Solid	8015M/D	11173
885-10690-2	S-2	Total/NA	Solid	8015M/D	11173
MB 885-11173/1-A	Method Blank	Total/NA	Solid	8015M/D	11173
LCS 885-11173/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	11173

HPLC/IC

Prep Batch: 11183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10690-1	S-1	Total/NA	Solid	300_Prep	
885-10690-2	S-2	Total/NA	Solid	300_Prep	
MB 885-11183/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-11183/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

QC Association Summary

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10690-1

HPLC/IC

Analysis Batch: 11210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10690-1	S-1	Total/NA	Solid	300.0	11183
885-10690-2	S-2	Total/NA	Solid	300.0	11183
MB 885-11183/1-A	Method Blank	Total/NA	Solid	300.0	11183
MB 885-11210/12	Method Blank	Total/NA	Solid	300.0	11183
LCS 885-11183/2-A	Lab Control Sample	Total/NA	Solid	300.0	
MRL 885-11210/11	Lab Control Sample	Total/NA	Solid	300.0	

Lab Chronicle

Client: Ensolum

Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10690-1

Client Sample ID: S-1

Date Collected: 08/27/24 10:00

Date Received: 08/28/24 07:30

Lab Sample ID: 885-10690-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			11169	AT	EET ALB	08/28/24 08:56
Total/NA	Analysis	8015M/D		1	11213	AT	EET ALB	08/28/24 11:08
Total/NA	Prep	5035			11169	AT	EET ALB	08/28/24 08:56
Total/NA	Analysis	8021B		1	11214	AT	EET ALB	08/28/24 11:08
Total/NA	Prep	SHAKE			11173	EM	EET ALB	08/28/24 09:30
Total/NA	Analysis	8015M/D		1	11205	KR	EET ALB	08/28/24 13:27
Total/NA	Prep	300_Prep			11183	EH	EET ALB	08/28/24 10:15
Total/NA	Analysis	300.0		20	11210	RC	EET ALB	08/28/24 12:09

Client Sample ID: S-2

Date Collected: 08/27/24 14:15

Date Received: 08/28/24 07:30

Lab Sample ID: 885-10690-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			11169	AT	EET ALB	08/28/24 08:56
Total/NA	Analysis	8015M/D		1	11213	AT	EET ALB	08/28/24 11:30
Total/NA	Prep	5035			11169	AT	EET ALB	08/28/24 08:56
Total/NA	Analysis	8021B		1	11214	AT	EET ALB	08/28/24 11:30
Total/NA	Prep	SHAKE			11173	EM	EET ALB	08/28/24 09:30
Total/NA	Analysis	8015M/D		1	11205	KR	EET ALB	08/28/24 13:50
Total/NA	Prep	300_Prep			11183	EH	EET ALB	08/28/24 10:15
Total/NA	Analysis	300.0		20	11210	RC	EET ALB	08/28/24 12:24

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10690-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-25

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

Chain-of-Custody Record

Client: Ensolum, LLCMailing Address: 606 S. E. Grand, Suite AAlbuquerque, NM 87140

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:

Gallegos Cogen Unit # 55

Project #:

SEE NOTES

Project Manager:

K. Summers

Sampler:

L. DaniellOn Ice: ☒ Yes ☐ No# of Coolers: 1Cooler Temp (including CP): 4.8 + 0.1 = 4.9 (°C)

Container Type and #

Preservative Type

HEAL No.

14oz jar Cool 114oz jar Cool 2

Analysis Request

BTX / MTBE / TMBs (8021)

TPH: 8015D (GRO / DRO / MRO)

8081 Pesticides/8082 PCBs

PAHs by 8310 or 8270SIMS

RCRA 8 Metals

Cd, F, Br, NO₃, NO₂, PO₄, SO₄

8260 (VOA)

8270 (Semi-VOA)

Total Coliform (Present/Absent)

Remarks:

PM Tam Long
R B21200
U74395Received by: W. Walker Date: 8/27/24 Time: 1707

Via:

Date

Time

Received by: W. Walker Date: 8/28/24 Time: 7:30

Via:

Date

Time

Relinquished by: W. WalkerDate: 8/27/24 Time: 1707Relinquished by: W. WalkerDate: 8/27/24 Time: 1800**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

885-10690 COC

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



Login Sample Receipt Checklist

Client: Ensolum

Job Number: 885-10690-1

Login Number: 10690
List Number: 1
Creator: Casarrubias, Tracy

List Source: Eurofins Albuquerque

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	



Environment Testing

1

2

3

4

5

6

7

8

9

10

11

ANALYTICAL REPORT

PREPARED FOR

Attn: Kyle Summers
Ensolum
606 S Rio Grande
Suite A
Aztec, New Mexico 87410
Generated 9/12/2024 9:24:51 AM

JOB DESCRIPTION

Gallegos Canyon Unit #55

JOB NUMBER

885-10794-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

Eurofins Albuquerque

Job Notes

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

Authorization



Generated
9/12/2024 9:24:51 AM

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

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Laboratory Job ID: 885-10794-1

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Definitions/Glossary

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10794-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: Gallegos Canyon Unit #55

Job ID: 885-10794-1

Job ID: 885-10794-1

Eurofins Albuquerque

Job Narrative 885-10794-1

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 8/29/2024 6:25 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 3.8°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.

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10794-1

Client Sample ID: S-3
Date Collected: 08/28/24 10:30
Date Received: 08/29/24 06:25

Lab Sample ID: 885-10794-1
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		3.5	mg/Kg		08/29/24 09:00	08/29/24 12:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		35 - 166			08/29/24 09:00	08/29/24 12:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		08/29/24 09:00	08/29/24 12:08	1
Ethylbenzene	ND		0.035	mg/Kg		08/29/24 09:00	08/29/24 12:08	1
Toluene	ND		0.035	mg/Kg		08/29/24 09:00	08/29/24 12:08	1
Xylenes, Total	ND		0.070	mg/Kg		08/29/24 09:00	08/29/24 12:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145			08/29/24 09:00	08/29/24 12:08	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		9.4	mg/Kg		08/29/24 09:10	08/29/24 11:23	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		08/29/24 09:10	08/29/24 11:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			08/29/24 09:10	08/29/24 11:23	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		08/29/24 10:22	08/29/24 11:50	20

Client Sample Results

Client: Ensolum

Job ID: 885-10794-1

Project/Site: Gallegos Canyon Unit #55

Client Sample ID: S-4

Lab Sample ID: 885-10794-2

Date Collected: 08/28/24 10:40

Matrix: Solid

Date Received: 08/29/24 06:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.7	mg/Kg		08/29/24 09:00	08/29/24 12:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		35 - 166			08/29/24 09:00	08/29/24 12:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019	mg/Kg		08/29/24 09:00	08/29/24 12:30	1
Ethylbenzene	ND		0.037	mg/Kg		08/29/24 09:00	08/29/24 12:30	1
Toluene	ND		0.037	mg/Kg		08/29/24 09:00	08/29/24 12:30	1
Xylenes, Total	ND		0.075	mg/Kg		08/29/24 09:00	08/29/24 12:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145			08/29/24 09:00	08/29/24 12:30	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		08/29/24 09:10	08/29/24 11:34	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		08/29/24 09:10	08/29/24 11:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			08/29/24 09:10	08/29/24 11:34	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		08/29/24 10:22	08/29/24 12:05	20

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Client Sample Results

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10794-1

Client Sample ID: S-5

Lab Sample ID: 885-10794-3

Date Collected: 08/28/24 10:50

Matrix: Solid

Date Received: 08/29/24 06:25

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		08/29/24 09:00	08/29/24 12:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		35 - 166			08/29/24 09:00	08/29/24 12:51	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		08/29/24 09:00	08/29/24 12:51	1
Ethylbenzene	ND		0.036	mg/Kg		08/29/24 09:00	08/29/24 12:51	1
Toluene	ND		0.036	mg/Kg		08/29/24 09:00	08/29/24 12:51	1
Xylenes, Total	ND		0.072	mg/Kg		08/29/24 09:00	08/29/24 12:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			08/29/24 09:00	08/29/24 12:51	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		08/29/24 09:10	08/29/24 11:44	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		08/29/24 09:10	08/29/24 11:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			08/29/24 09:10	08/29/24 11:44	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		08/29/24 10:22	08/29/24 12:20	20

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Client Sample Results

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10794-1

Client Sample ID: S-6

Lab Sample ID: 885-10794-4

Date Collected: 08/28/24 11:00

Matrix: Solid

Date Received: 08/29/24 06:25

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		08/29/24 09:00	08/29/24 13:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		35 - 166			08/29/24 09:00	08/29/24 13:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019	mg/Kg		08/29/24 09:00	08/29/24 13:13	1
Ethylbenzene	ND		0.038	mg/Kg		08/29/24 09:00	08/29/24 13:13	1
Toluene	ND		0.038	mg/Kg		08/29/24 09:00	08/29/24 13:13	1
Xylenes, Total	0.080		0.076	mg/Kg		08/29/24 09:00	08/29/24 13:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		48 - 145			08/29/24 09:00	08/29/24 13:13	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		08/29/24 09:10	08/29/24 11:55	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		08/29/24 09:10	08/29/24 11:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			08/29/24 09:10	08/29/24 11:55	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	500		60	mg/Kg		08/29/24 10:22	08/29/24 12:36	20

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Client Sample Results

Client: Ensolum

Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10794-1

Client Sample ID: S-7

Date Collected: 08/28/24 11:10

Date Received: 08/29/24 06:25

Lab Sample ID: 885-10794-5

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		3.8	mg/Kg		08/29/24 09:00	08/29/24 13:35		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	111		35 - 166			08/29/24 09:00	08/29/24 13:35		1
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.019	mg/Kg		08/29/24 09:00	08/29/24 13:35		1
Ethylbenzene	ND		0.038	mg/Kg		08/29/24 09:00	08/29/24 13:35		1
Toluene	ND		0.038	mg/Kg		08/29/24 09:00	08/29/24 13:35		1
Xylenes, Total	ND		0.075	mg/Kg		08/29/24 09:00	08/29/24 13:35		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	100		48 - 145			08/29/24 09:00	08/29/24 13:35		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		9.1	mg/Kg		08/29/24 09:10	08/29/24 12:06		1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		08/29/24 09:10	08/29/24 12:06		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	96		62 - 134			08/29/24 09:10	08/29/24 12:06		1
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	170		60	mg/Kg		08/29/24 10:22	08/29/24 12:51		20

Client Sample Results

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10794-1

Client Sample ID: S-8

Lab Sample ID: 885-10794-6

Date Collected: 08/28/24 11:20

Matrix: Solid

Date Received: 08/29/24 06:25

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		3.5	mg/Kg		08/29/24 09:00	08/29/24 13:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		35 - 166			08/29/24 09:00	08/29/24 13:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		08/29/24 09:00	08/29/24 13:57	1
Ethylbenzene	ND		0.035	mg/Kg		08/29/24 09:00	08/29/24 13:57	1
Toluene	ND		0.035	mg/Kg		08/29/24 09:00	08/29/24 13:57	1
Xylenes, Total	ND		0.070	mg/Kg		08/29/24 09:00	08/29/24 13:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		48 - 145			08/29/24 09:00	08/29/24 13:57	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]	12		9.2	mg/Kg		08/29/24 09:10	08/29/24 12:16	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		08/29/24 09:10	08/29/24 12:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			08/29/24 09:10	08/29/24 12:16	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	89		60	mg/Kg		08/29/24 10:22	08/29/24 13:06	20

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Client Sample Results

Client: Ensolum

Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10794-1

Client Sample ID: S-9

Lab Sample ID: 885-10794-7

Date Collected: 08/28/24 11:30

Matrix: Solid

Date Received: 08/29/24 06:25

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		08/29/24 09:06	08/29/24 12:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		35 - 166			08/29/24 09:06	08/29/24 12:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019	mg/Kg		08/29/24 09:06	08/29/24 12:56	1
Ethylbenzene	ND		0.038	mg/Kg		08/29/24 09:06	08/29/24 12:56	1
Toluene	ND		0.038	mg/Kg		08/29/24 09:06	08/29/24 12:56	1
Xylenes, Total	ND		0.076	mg/Kg		08/29/24 09:06	08/29/24 12:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145			08/29/24 09:06	08/29/24 12:56	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]	74		10	mg/Kg		08/29/24 09:10	08/29/24 12:27	1
Motor Oil Range Organics [C28-C40]	160		50	mg/Kg		08/29/24 09:10	08/29/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	101		62 - 134			08/29/24 09:10	08/29/24 12:27	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		08/29/24 10:22	08/29/24 13:21	20

Client Sample Results

Client: Ensolum

Job ID: 885-10794-1

Project/Site: Gallegos Canyon Unit #55

Client Sample ID: S-10

Lab Sample ID: 885-10794-8

Date Collected: 08/28/24 11:40

Matrix: Solid

Date Received: 08/29/24 06:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	6.4		4.2	mg/Kg		08/29/24 09:06	08/29/24 14:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138		35 - 166			08/29/24 09:06	08/29/24 14:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021	mg/Kg		08/29/24 09:06	08/29/24 14:30	1
Ethylbenzene	0.090		0.042	mg/Kg		08/29/24 09:06	08/29/24 14:30	1
Toluene	0.067		0.042	mg/Kg		08/29/24 09:06	08/29/24 14:30	1
Xylenes, Total	1.0		0.083	mg/Kg		08/29/24 09:06	08/29/24 14:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		48 - 145			08/29/24 09:06	08/29/24 14:30	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		9.8	mg/Kg		08/29/24 09:10	08/29/24 12:38	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		08/29/24 09:10	08/29/24 12:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	107		62 - 134			08/29/24 09:10	08/29/24 12:38	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		08/29/24 10:22	08/29/24 13:36	20

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Client Sample Results

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10794-1

Client Sample ID: S-11

Lab Sample ID: 885-10794-9

Date Collected: 08/28/24 11:50

Matrix: Solid

Date Received: 08/29/24 06:25

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		3.5	mg/Kg		08/29/24 09:06	08/29/24 13:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		35 - 166			08/29/24 09:06	08/29/24 13:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		08/29/24 09:06	08/29/24 13:43	1
Ethylbenzene	ND		0.035	mg/Kg		08/29/24 09:06	08/29/24 13:43	1
Toluene	ND		0.035	mg/Kg		08/29/24 09:06	08/29/24 13:43	1
Xylenes, Total	ND		0.071	mg/Kg		08/29/24 09:06	08/29/24 13:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		48 - 145			08/29/24 09:06	08/29/24 13:43	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		9.9	mg/Kg		08/29/24 09:10	08/29/24 12:59	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		08/29/24 09:10	08/29/24 12:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			08/29/24 09:10	08/29/24 12:59	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		08/29/24 10:22	08/29/24 14:22	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10794-1

Client Sample ID: S-12
Date Collected: 08/28/24 12:00
Date Received: 08/29/24 06:25

Lab Sample ID: 885-10794-10
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		3.9	mg/Kg		08/29/24 09:06	08/29/24 14:06		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	99		35 - 166			08/29/24 09:06	08/29/24 14:06		1
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.020	mg/Kg		08/29/24 09:06	08/29/24 14:06		1
Ethylbenzene	ND		0.039	mg/Kg		08/29/24 09:06	08/29/24 14:06		1
Toluene	ND		0.039	mg/Kg		08/29/24 09:06	08/29/24 14:06		1
Xylenes, Total	ND		0.079	mg/Kg		08/29/24 09:06	08/29/24 14:06		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	89		48 - 145			08/29/24 09:06	08/29/24 14:06		1
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.2	mg/Kg		08/29/24 09:10	08/29/24 13:10		1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		08/29/24 09:10	08/29/24 13:10		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	92		62 - 134			08/29/24 09:10	08/29/24 13:10		1
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		60	mg/Kg		08/29/24 10:22	08/29/24 14:37		20

QC Sample Results

Client: Ensolum

Job ID: 885-10794-1

Project/Site: Gallegos Canyon Unit #55

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

Lab Sample ID: MB 885-11281/1-A

Matrix: Solid

Analysis Batch: 11347

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11281

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		08/29/24 09:00	08/29/24 11:46	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		35 - 166			08/29/24 09:00	08/29/24 11:46	1

Lab Sample ID: LCS 885-11281/2-A

Matrix: Solid

Analysis Batch: 11347

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11281

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	25.6		mg/Kg		103	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	218	S1+	35 - 166				

Lab Sample ID: 885-10794-1 MS

Matrix: Solid

Analysis Batch: 11347

Client Sample ID: S-3

Prep Type: Total/NA

Prep Batch: 11281

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		17.8	17.8		mg/Kg		100	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	215	S1+	35 - 166						

Lab Sample ID: 885-10794-1 MSD

Matrix: Solid

Analysis Batch: 11347

Client Sample ID: S-3

Prep Type: Total/NA

Prep Batch: 11281

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		17.8	17.3		mg/Kg		97	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	208	S1+	35 - 166								

Lab Sample ID: MB 885-11283/1-A

Matrix: Solid

Analysis Batch: 11363

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11283

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		08/29/24 09:06	08/29/24 12:33	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		35 - 166			08/29/24 09:06	08/29/24 12:33	1

Eurofins Albuquerque

QC Sample Results

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10794-1

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

Lab Sample ID: LCS 885-11283/2-A

Matrix: Solid

Analysis Batch: 11363

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11283

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics [C6 - C10]			25.0	25.6		mg/Kg		103	70 - 130		
			LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	208		35 - 166								

Lab Sample ID: 885-10794-7 MS

Matrix: Solid

Analysis Batch: 11363

Client Sample ID: S-9

Prep Type: Total/NA

Prep Batch: 11283

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		19.0	20.7		mg/Kg		109	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	220		35 - 166						

Lab Sample ID: 885-10794-7 MSD

Matrix: Solid

Analysis Batch: 11363

Client Sample ID: S-9

Prep Type: Total/NA

Prep Batch: 11283

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limits
Gasoline Range Organics [C6 - C10]	ND		19.0	20.5		mg/Kg		108	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	216		35 - 166								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-11281/1-A

Matrix: Solid

Analysis Batch: 11349

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11281

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	ND		0.025	mg/Kg		08/29/24 09:00	08/29/24 11:46	1
Ethylbenzene	ND		0.050	mg/Kg		08/29/24 09:00	08/29/24 11:46	1
Toluene	ND		0.050	mg/Kg		08/29/24 09:00	08/29/24 11:46	1
Xylenes, Total	ND		0.10	mg/Kg		08/29/24 09:00	08/29/24 11:46	1
Surrogate	MB	MB	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		48 - 145			08/29/24 09:00	08/29/24 11:46	1

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QC Sample Results

Client: Ensolum

Job ID: 885-10794-1

Project/Site: Gallegos Canyon Unit #55

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

Lab Sample ID: LCS 885-11281/3-A

Matrix: Solid

Analysis Batch: 11349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11281

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	1.02		mg/Kg		102	70 - 130
Ethylbenzene	1.00	1.04		mg/Kg		104	70 - 130
Toluene	1.00	1.03		mg/Kg		103	70 - 130
Xylenes, Total	3.00	3.11		mg/Kg		104	70 - 130

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

Lab Sample ID: 885-10794-2 MS

Matrix: Solid

Analysis Batch: 11349

Client Sample ID: S-4

Prep Type: Total/NA

Prep Batch: 11281

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.750	0.758		mg/Kg		101	70 - 130
Ethylbenzene	ND		0.750	0.765		mg/Kg		102	70 - 130
Toluene	ND		0.750	0.754		mg/Kg		101	70 - 130
Xylenes, Total	ND		2.25	2.28		mg/Kg		101	70 - 130

Surrogate	%Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		48 - 145

Lab Sample ID: 885-10794-2 MSD

Matrix: Solid

Analysis Batch: 11349

Client Sample ID: S-4

Prep Type: Total/NA

Prep Batch: 11281

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.750	0.743		mg/Kg		99	70 - 130	2	20
Ethylbenzene	ND		0.750	0.760		mg/Kg		101	70 - 130	1	20
Toluene	ND		0.750	0.746		mg/Kg		100	70 - 130	1	20
Xylenes, Total	ND		2.25	2.27		mg/Kg		100	70 - 130	1	20

Surrogate	%Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		48 - 145

Lab Sample ID: MB 885-11283/1-A

Matrix: Solid

Analysis Batch: 11364

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11283

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/29/24 09:06	08/29/24 12:33	1
Ethylbenzene	ND		0.050	mg/Kg		08/29/24 09:06	08/29/24 12:33	1
Toluene	ND		0.050	mg/Kg		08/29/24 09:06	08/29/24 12:33	1
Xylenes, Total	ND		0.10	mg/Kg		08/29/24 09:06	08/29/24 12:33	1

Surrogate	%Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145	08/29/24 09:06	08/29/24 12:33	1

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QC Sample Results

Client: Ensolum

Job ID: 885-10794-1

Project/Site: Gallegos Canyon Unit #55

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

Lab Sample ID: LCS 885-11283/3-A

Matrix: Solid

Analysis Batch: 11364

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11283

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.930		mg/Kg		93	70 - 130
Ethylbenzene	1.00	0.852		mg/Kg		85	70 - 130
Toluene	1.00	0.864		mg/Kg		86	70 - 130
Xylenes, Total	3.00	2.49		mg/Kg		83	70 - 130

Surrogate	%Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		48 - 145

Lab Sample ID: 885-10794-9 MS

Matrix: Solid

Analysis Batch: 11364

Client Sample ID: S-11

Prep Type: Total/NA

Prep Batch: 11283

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.706	0.630		mg/Kg		89	70 - 130
Ethylbenzene	ND		0.706	0.581		mg/Kg		81	70 - 130
Toluene	ND		0.706	0.599		mg/Kg		83	70 - 130
Xylenes, Total	ND		2.12	1.74		mg/Kg		81	70 - 130

Surrogate	%Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		48 - 145

Lab Sample ID: 885-10794-9 MSD

Matrix: Solid

Analysis Batch: 11364

Client Sample ID: S-11

Prep Type: Total/NA

Prep Batch: 11283

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.706	0.626		mg/Kg		89	70 - 130	1	20
Ethylbenzene	ND		0.706	0.588		mg/Kg		82	70 - 130	1	20
Toluene	ND		0.706	0.596		mg/Kg		83	70 - 130	0	20
Xylenes, Total	ND		2.12	1.75		mg/Kg		81	70 - 130	1	20

Surrogate	%Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		48 - 145

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

Lab Sample ID: MB 885-11287/1-A

Matrix: Solid

Analysis Batch: 11297

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11287

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		08/29/24 09:10	08/29/24 11:02	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		08/29/24 09:10	08/29/24 11:02	1

Surrogate	%Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134	08/29/24 09:10	08/29/24 11:02	1

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QC Sample Results

Client: Ensolum

Job ID: 885-10794-1

Project/Site: Gallegos Canyon Unit #55

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

Lab Sample ID: LCS 885-11287/2-A

Matrix: Solid

Analysis Batch: 11297

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11287

Analyte				Spike	LCS	LCS				%Rec
				Added	Result	Qualifier	Unit	D	%Rec	Limits
Diesel Range Organics [C10-C28]				50.0	46.1		mg/Kg		92	60 - 135
Surrogate	LCS		LCS							
	%Recovery	Qualifier	Limits							
Di-n-octyl phthalate (Surr)	90		62 - 134							

Lab Sample ID: 885-10794-10 MS

Matrix: Solid

Analysis Batch: 11297

Client Sample ID: S-12

Prep Type: Total/NA

Prep Batch: 11287

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Diesel Range Organics [C10-C28]	ND		46.9	42.0		mg/Kg		90	44 - 136		
Surrogate	MS %Recovery	MS Qualifier	Limits								
Di-n-octyl phthalate (Surr)	92		62 - 134								

Lab Sample ID: 885-10794-10 MSD

Matrix: Solid

Analysis Batch: 11297

Client Sample ID: S-12

Prep Type: Total/NA

Prep Batch: 11287

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Diesel Range Organics [C10-C28]	ND		46.8	44.5		mg/Kg		95	44 - 136	6	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	96		62 - 134								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-11305/1-A

Matrix: Solid

Analysis Batch: 11427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11305

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		08/29/24 10:22	08/29/24 11:20	1

Lab Sample ID: LCS 885-11305/2-A

Matrix: Solid

Analysis Batch: 11427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11305

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	30.2		mg/Kg		101	90 - 110

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QC Sample Results

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10794-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 885-10794-1 MS										Client Sample ID: S-3		
Matrix: Solid										Prep Type: Total/NA		
Analysis Batch: 11427										Prep Batch: 11305		
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits			
Chloride	ND		30.1	ND		mg/Kg		NC	50 - 150			

Lab Sample ID: 885-10794-1 MSD										Client Sample ID: S-3		
Matrix: Solid										Prep Type: Total/NA		
Analysis Batch: 11427										Prep Batch: 11305		
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit	
Chloride	ND		30.1	ND		mg/Kg		NC	50 - 150	NC	20	

QC Association Summary

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10794-1

GC VOA

Prep Batch: 11281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10794-1	S-3	Total/NA	Solid	5035	
885-10794-2	S-4	Total/NA	Solid	5035	
885-10794-3	S-5	Total/NA	Solid	5035	
885-10794-4	S-6	Total/NA	Solid	5035	
885-10794-5	S-7	Total/NA	Solid	5035	
885-10794-6	S-8	Total/NA	Solid	5035	
MB 885-11281/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-11281/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-11281/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-10794-1 MS	S-3	Total/NA	Solid	5035	
885-10794-1 MSD	S-3	Total/NA	Solid	5035	
885-10794-2 MS	S-4	Total/NA	Solid	5035	
885-10794-2 MSD	S-4	Total/NA	Solid	5035	

Prep Batch: 11283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10794-7	S-9	Total/NA	Solid	5035	
885-10794-8	S-10	Total/NA	Solid	5035	
885-10794-9	S-11	Total/NA	Solid	5035	
885-10794-10	S-12	Total/NA	Solid	5035	
MB 885-11283/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-11283/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-11283/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-10794-7 MS	S-9	Total/NA	Solid	5035	
885-10794-7 MSD	S-9	Total/NA	Solid	5035	
885-10794-9 MS	S-11	Total/NA	Solid	5035	
885-10794-9 MSD	S-11	Total/NA	Solid	5035	

Analysis Batch: 11347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10794-1	S-3	Total/NA	Solid	8015M/D	11281
885-10794-2	S-4	Total/NA	Solid	8015M/D	11281
885-10794-3	S-5	Total/NA	Solid	8015M/D	11281
885-10794-4	S-6	Total/NA	Solid	8015M/D	11281
885-10794-5	S-7	Total/NA	Solid	8015M/D	11281
885-10794-6	S-8	Total/NA	Solid	8015M/D	11281
MB 885-11281/1-A	Method Blank	Total/NA	Solid	8015M/D	11281
LCS 885-11281/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	11281
885-10794-1 MS	S-3	Total/NA	Solid	8015M/D	11281
885-10794-1 MSD	S-3	Total/NA	Solid	8015M/D	11281

Analysis Batch: 11349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10794-1	S-3	Total/NA	Solid	8021B	11281
885-10794-2	S-4	Total/NA	Solid	8021B	11281
885-10794-3	S-5	Total/NA	Solid	8021B	11281
885-10794-4	S-6	Total/NA	Solid	8021B	11281
885-10794-5	S-7	Total/NA	Solid	8021B	11281
885-10794-6	S-8	Total/NA	Solid	8021B	11281
MB 885-11281/1-A	Method Blank	Total/NA	Solid	8021B	11281
LCS 885-11281/3-A	Lab Control Sample	Total/NA	Solid	8021B	11281

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QC Association Summary

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10794-1

GC VOA (Continued)

Analysis Batch: 11349 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10794-2 MS	S-4	Total/NA	Solid	8021B	11281
885-10794-2 MSD	S-4	Total/NA	Solid	8021B	11281

Analysis Batch: 11363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10794-7	S-9	Total/NA	Solid	8015M/D	11283
885-10794-8	S-10	Total/NA	Solid	8015M/D	11283
885-10794-9	S-11	Total/NA	Solid	8015M/D	11283
885-10794-10	S-12	Total/NA	Solid	8015M/D	11283
MB 885-11283/1-A	Method Blank	Total/NA	Solid	8015M/D	11283
LCS 885-11283/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	11283
885-10794-7 MS	S-9	Total/NA	Solid	8015M/D	11283
885-10794-7 MSD	S-9	Total/NA	Solid	8015M/D	11283

Analysis Batch: 11364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10794-7	S-9	Total/NA	Solid	8021B	11283
885-10794-8	S-10	Total/NA	Solid	8021B	11283
885-10794-9	S-11	Total/NA	Solid	8021B	11283
885-10794-10	S-12	Total/NA	Solid	8021B	11283
MB 885-11283/1-A	Method Blank	Total/NA	Solid	8021B	11283
LCS 885-11283/3-A	Lab Control Sample	Total/NA	Solid	8021B	11283
885-10794-9 MS	S-11	Total/NA	Solid	8021B	11283
885-10794-9 MSD	S-11	Total/NA	Solid	8021B	11283

GC Semi VOA

Prep Batch: 11287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10794-1	S-3	Total/NA	Solid	SHAKE	
885-10794-2	S-4	Total/NA	Solid	SHAKE	
885-10794-3	S-5	Total/NA	Solid	SHAKE	
885-10794-4	S-6	Total/NA	Solid	SHAKE	
885-10794-5	S-7	Total/NA	Solid	SHAKE	
885-10794-6	S-8	Total/NA	Solid	SHAKE	
885-10794-7	S-9	Total/NA	Solid	SHAKE	
885-10794-8	S-10	Total/NA	Solid	SHAKE	
885-10794-9	S-11	Total/NA	Solid	SHAKE	
885-10794-10	S-12	Total/NA	Solid	SHAKE	
MB 885-11287/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-11287/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-10794-10 MS	S-12	Total/NA	Solid	SHAKE	
885-10794-10 MSD	S-12	Total/NA	Solid	SHAKE	

Analysis Batch: 11297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10794-1	S-3	Total/NA	Solid	8015M/D	11287
885-10794-2	S-4	Total/NA	Solid	8015M/D	11287
885-10794-3	S-5	Total/NA	Solid	8015M/D	11287
885-10794-4	S-6	Total/NA	Solid	8015M/D	11287
885-10794-5	S-7	Total/NA	Solid	8015M/D	11287

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QC Association Summary

Client: Ensolum

Job ID: 885-10794-1

Project/Site: Gallegos Canyon Unit #55

GC Semi VOA (Continued)

Analysis Batch: 11297 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10794-6	S-8	Total/NA	Solid	8015M/D	11287
885-10794-7	S-9	Total/NA	Solid	8015M/D	11287
885-10794-8	S-10	Total/NA	Solid	8015M/D	11287
885-10794-9	S-11	Total/NA	Solid	8015M/D	11287
885-10794-10	S-12	Total/NA	Solid	8015M/D	11287
MB 885-11287/1-A	Method Blank	Total/NA	Solid	8015M/D	11287
LCS 885-11287/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	11287
885-10794-10 MS	S-12	Total/NA	Solid	8015M/D	11287
885-10794-10 MSD	S-12	Total/NA	Solid	8015M/D	11287

HPLC/IC

Prep Batch: 11305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10794-1	S-3	Total/NA	Solid	300_Prep	
885-10794-2	S-4	Total/NA	Solid	300_Prep	
885-10794-3	S-5	Total/NA	Solid	300_Prep	
885-10794-4	S-6	Total/NA	Solid	300_Prep	
885-10794-5	S-7	Total/NA	Solid	300_Prep	
885-10794-6	S-8	Total/NA	Solid	300_Prep	
885-10794-7	S-9	Total/NA	Solid	300_Prep	
885-10794-8	S-10	Total/NA	Solid	300_Prep	
885-10794-9	S-11	Total/NA	Solid	300_Prep	
885-10794-10	S-12	Total/NA	Solid	300_Prep	
MB 885-11305/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-11305/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-10794-1 MS	S-3	Total/NA	Solid	300_Prep	
885-10794-1 MSD	S-3	Total/NA	Solid	300_Prep	

Analysis Batch: 11427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10794-1	S-3	Total/NA	Solid	300.0	11305
885-10794-2	S-4	Total/NA	Solid	300.0	11305
885-10794-3	S-5	Total/NA	Solid	300.0	11305
885-10794-4	S-6	Total/NA	Solid	300.0	11305
885-10794-5	S-7	Total/NA	Solid	300.0	11305
885-10794-6	S-8	Total/NA	Solid	300.0	11305
885-10794-7	S-9	Total/NA	Solid	300.0	11305
885-10794-8	S-10	Total/NA	Solid	300.0	11305
885-10794-9	S-11	Total/NA	Solid	300.0	11305
885-10794-10	S-12	Total/NA	Solid	300.0	11305
MB 885-11305/1-A	Method Blank	Total/NA	Solid	300.0	11305
LCS 885-11305/2-A	Lab Control Sample	Total/NA	Solid	300.0	11305
885-10794-1 MS	S-3	Total/NA	Solid	300.0	11305
885-10794-1 MSD	S-3	Total/NA	Solid	300.0	11305

Eurofins Albuquerque

Lab Chronicle

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10794-1

Client Sample ID: S-3

Lab Sample ID: 885-10794-1

Date Collected: 08/28/24 10:30

Matrix: Solid

Date Received: 08/29/24 06:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			11281	AT	EET ALB	08/29/24 09:00
Total/NA	Analysis	8015M/D		1	11347	AT	EET ALB	08/29/24 12:08
Total/NA	Prep	5035			11281	AT	EET ALB	08/29/24 09:00
Total/NA	Analysis	8021B		1	11349	AT	EET ALB	08/29/24 12:08
Total/NA	Prep	SHAKE			11287	EM	EET ALB	08/29/24 09:10
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 11:23
Total/NA	Prep	300_Prep			11305	EH	EET ALB	08/29/24 10:22
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 11:50

Client Sample ID: S-4

Lab Sample ID: 885-10794-2

Date Collected: 08/28/24 10:40

Matrix: Solid

Date Received: 08/29/24 06:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			11281	AT	EET ALB	08/29/24 09:00
Total/NA	Analysis	8015M/D		1	11347	AT	EET ALB	08/29/24 12:30
Total/NA	Prep	5035			11281	AT	EET ALB	08/29/24 09:00
Total/NA	Analysis	8021B		1	11349	AT	EET ALB	08/29/24 12:30
Total/NA	Prep	SHAKE			11287	EM	EET ALB	08/29/24 09:10
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 11:34
Total/NA	Prep	300_Prep			11305	EH	EET ALB	08/29/24 10:22
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 12:05

Client Sample ID: S-5

Lab Sample ID: 885-10794-3

Date Collected: 08/28/24 10:50

Matrix: Solid

Date Received: 08/29/24 06:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			11281	AT	EET ALB	08/29/24 09:00
Total/NA	Analysis	8015M/D		1	11347	AT	EET ALB	08/29/24 12:51
Total/NA	Prep	5035			11281	AT	EET ALB	08/29/24 09:00
Total/NA	Analysis	8021B		1	11349	AT	EET ALB	08/29/24 12:51
Total/NA	Prep	SHAKE			11287	EM	EET ALB	08/29/24 09:10
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 11:44
Total/NA	Prep	300_Prep			11305	EH	EET ALB	08/29/24 10:22
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 12:20

Client Sample ID: S-6

Lab Sample ID: 885-10794-4

Date Collected: 08/28/24 11:00

Matrix: Solid

Date Received: 08/29/24 06:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			11281	AT	EET ALB	08/29/24 09:00
Total/NA	Analysis	8015M/D		1	11347	AT	EET ALB	08/29/24 13:13

Eurofins Albuquerque

Lab Chronicle

Client: Ensolum

Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10794-1

Client Sample ID: S-6

Date Collected: 08/28/24 11:00

Date Received: 08/29/24 06:25

Lab Sample ID: 885-10794-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			11281	AT	EET ALB	08/29/24 09:00
Total/NA	Analysis	8021B		1	11349	AT	EET ALB	08/29/24 13:13
Total/NA	Prep	SHAKE			11287	EM	EET ALB	08/29/24 09:10
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 11:55
Total/NA	Prep	300_Prep			11305	EH	EET ALB	08/29/24 10:22
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 12:36

Client Sample ID: S-7

Date Collected: 08/28/24 11:10

Date Received: 08/29/24 06:25

Lab Sample ID: 885-10794-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			11281	AT	EET ALB	08/29/24 09:00
Total/NA	Analysis	8015M/D		1	11347	AT	EET ALB	08/29/24 13:35
Total/NA	Prep	5035			11281	AT	EET ALB	08/29/24 09:00
Total/NA	Analysis	8021B		1	11349	AT	EET ALB	08/29/24 13:35
Total/NA	Prep	SHAKE			11287	EM	EET ALB	08/29/24 09:10
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 12:06
Total/NA	Prep	300_Prep			11305	EH	EET ALB	08/29/24 10:22
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 12:51

Client Sample ID: S-8

Date Collected: 08/28/24 11:20

Date Received: 08/29/24 06:25

Lab Sample ID: 885-10794-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			11281	AT	EET ALB	08/29/24 09:00
Total/NA	Analysis	8015M/D		1	11347	AT	EET ALB	08/29/24 13:57
Total/NA	Prep	5035			11281	AT	EET ALB	08/29/24 09:00
Total/NA	Analysis	8021B		1	11349	AT	EET ALB	08/29/24 13:57
Total/NA	Prep	SHAKE			11287	EM	EET ALB	08/29/24 09:10
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 12:16
Total/NA	Prep	300_Prep			11305	EH	EET ALB	08/29/24 10:22
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 13:06

Client Sample ID: S-9

Date Collected: 08/28/24 11:30

Date Received: 08/29/24 06:25

Lab Sample ID: 885-10794-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			11283	AT	EET ALB	08/29/24 09:06
Total/NA	Analysis	8015M/D		1	11363	JP	EET ALB	08/29/24 12:56
Total/NA	Prep	5035			11283	AT	EET ALB	08/29/24 09:06
Total/NA	Analysis	8021B		1	11364	JP	EET ALB	08/29/24 12:56

Lab Chronicle

Client: Ensolum

Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10794-1

Client Sample ID: S-9

Date Collected: 08/28/24 11:30

Date Received: 08/29/24 06:25

Lab Sample ID: 885-10794-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			11287	EM	EET ALB	08/29/24 09:10
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 12:27
Total/NA	Prep	300_Prep			11305	EH	EET ALB	08/29/24 10:22
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 13:21

Client Sample ID: S-10

Date Collected: 08/28/24 11:40

Date Received: 08/29/24 06:25

Lab Sample ID: 885-10794-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			11283	AT	EET ALB	08/29/24 09:06
Total/NA	Analysis	8015M/D		1	11363	JP	EET ALB	08/29/24 14:30
Total/NA	Prep	5035			11283	AT	EET ALB	08/29/24 09:06
Total/NA	Analysis	8021B		1	11364	JP	EET ALB	08/29/24 14:30
Total/NA	Prep	SHAKE			11287	EM	EET ALB	08/29/24 09:10
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 12:38
Total/NA	Prep	300_Prep			11305	EH	EET ALB	08/29/24 10:22
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 13:36

Client Sample ID: S-11

Date Collected: 08/28/24 11:50

Date Received: 08/29/24 06:25

Lab Sample ID: 885-10794-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			11283	AT	EET ALB	08/29/24 09:06
Total/NA	Analysis	8015M/D		1	11363	JP	EET ALB	08/29/24 13:43
Total/NA	Prep	5035			11283	AT	EET ALB	08/29/24 09:06
Total/NA	Analysis	8021B		1	11364	JP	EET ALB	08/29/24 13:43
Total/NA	Prep	SHAKE			11287	EM	EET ALB	08/29/24 09:10
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 12:59
Total/NA	Prep	300_Prep			11305	EH	EET ALB	08/29/24 10:22
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 14:22

Client Sample ID: S-12

Date Collected: 08/28/24 12:00

Date Received: 08/29/24 06:25

Lab Sample ID: 885-10794-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			11283	AT	EET ALB	08/29/24 09:06
Total/NA	Analysis	8015M/D		1	11363	JP	EET ALB	08/29/24 14:06
Total/NA	Prep	5035			11283	AT	EET ALB	08/29/24 09:06
Total/NA	Analysis	8021B		1	11364	JP	EET ALB	08/29/24 14:06
Total/NA	Prep	SHAKE			11287	EM	EET ALB	08/29/24 09:10
Total/NA	Analysis	8015M/D		1	11297	EM	EET ALB	08/29/24 13:10

Lab Chronicle

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10794-1

Client Sample ID: S-12
Date Collected: 08/28/24 12:00
Date Received: 08/29/24 06:25

Lab Sample ID: 885-10794-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			11305	EH	EET ALB	08/29/24 10:22
Total/NA	Analysis	300.0		20	11427	EH	EET ALB	08/29/24 14:37

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

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Accreditation/Certification Summary

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10794-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-25

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- 10
- 11

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 885-10794-1

Login Number: 10794
List Number: 1
Creator: Casarrubias, Tracy

List Source: Eurofins Albuquerque

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	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kyle Summers
Ensolum
606 S Rio Grande
Suite A
Aztec, New Mexico 87410
Generated 9/9/2024 2:34:03 PM

JOB DESCRIPTION

Gallegos Canyon Unit #55

JOB NUMBER

885-10985-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

Eurofins Albuquerque

Job Notes

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

Authorization



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9/9/2024 2:34:03 PM

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

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Laboratory Job ID: 885-10985-1

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Definitions/Glossary

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10985-1

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: Gallegos Canyon Unit #55

Job ID: 885-10985-1

Job ID: 885-10985-1

Eurofins Albuquerque

Job Narrative 885-10985-1

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 sample was received on 8/31/2024 6:45 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°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.

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10985-1

Client Sample ID: S-13

Lab Sample ID: 885-10985-1

Date Collected: 08/30/24 10:00

Matrix: Solid

Date Received: 08/31/24 06:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.1	mg/Kg		09/03/24 09:17	09/03/24 12:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		35 - 166			09/03/24 09:17	09/03/24 12:25	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.015	mg/Kg		09/03/24 09:17	09/03/24 12:25	1
Ethylbenzene	ND		0.031	mg/Kg		09/03/24 09:17	09/03/24 12:25	1
Toluene	ND		0.031	mg/Kg		09/03/24 09:17	09/03/24 12:25	1
Xylenes, Total	ND		0.062	mg/Kg		09/03/24 09:17	09/03/24 12:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			09/03/24 09:17	09/03/24 12:25	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		09/03/24 09:16	09/03/24 11:30	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		09/03/24 09:16	09/03/24 11:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			09/03/24 09:16	09/03/24 11:30	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		09/03/24 09:39	09/03/24 13:06	20

Eurofins Albuquerque

QC Sample Results

Client: Ensolum

Job ID: 885-10985-1

Project/Site: Gallegos Canyon Unit #55

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

Lab Sample ID: MB 885-11497/1-A						Client Sample ID: Method Blank			
Matrix: Solid						Prep Type: Total/NA			
Analysis Batch: 11522						Prep Batch: 11497			
Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		09/03/24 09:17	09/03/24 11:42	1	
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	107		35 - 166			09/03/24 09:17	09/03/24 11:42	1	

Lab Sample ID: LCS 885-11497/2-A						Client Sample ID: Lab Control Sample			
Matrix: Solid						Prep Type: Total/NA			
Analysis Batch: 11522						Prep Batch: 11497			
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]	25.0	24.6		mg/Kg		98	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	212		35 - 166						

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-11497/1-A						Client Sample ID: Method Blank			
Matrix: Solid						Prep Type: Total/NA			
Analysis Batch: 11523						Prep Batch: 11497			
Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.025	mg/Kg		09/03/24 09:17	09/03/24 11:42	1	
Ethylbenzene	ND		0.050	mg/Kg		09/03/24 09:17	09/03/24 11:42	1	
Toluene	ND		0.050	mg/Kg		09/03/24 09:17	09/03/24 11:42	1	
Xylenes, Total	ND		0.10	mg/Kg		09/03/24 09:17	09/03/24 11:42	1	
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	107		48 - 145			09/03/24 09:17	09/03/24 11:42	1	

Lab Sample ID: LCS 885-11497/3-A						Client Sample ID: Lab Control Sample			
Matrix: Solid						Prep Type: Total/NA			
Analysis Batch: 11523						Prep Batch: 11497			
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	1.00	1.03		mg/Kg		103	70 - 130		
Ethylbenzene	1.00	1.06		mg/Kg		106	70 - 130		
Toluene	1.00	1.05		mg/Kg		105	70 - 130		
Xylenes, Total	3.00	3.14		mg/Kg		105	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	111		48 - 145						

QC Sample Results

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10985-1

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

Lab Sample ID: 885-10985-1 MS
Matrix: Solid
Analysis Batch: 11523

Client Sample ID: S-13
Prep Type: Total/NA
Prep Batch: 11497

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.615	0.591		mg/Kg		96	70 - 130
Ethylbenzene	ND		0.615	0.603		mg/Kg		98	70 - 130
Toluene	ND		0.615	0.598		mg/Kg		97	70 - 130
Xylenes, Total	ND		1.85	1.80		mg/Kg		97	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	103		48 - 145						

Lab Sample ID: 885-10985-1 MSD
Matrix: Solid
Analysis Batch: 11523

Client Sample ID: S-13
Prep Type: Total/NA
Prep Batch: 11497

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.615	0.590		mg/Kg		96	70 - 130	0	20
Ethylbenzene	ND		0.615	0.601		mg/Kg		98	70 - 130	0	20
Toluene	ND		0.615	0.594		mg/Kg		97	70 - 130	1	20
Xylenes, Total	ND		1.85	1.78		mg/Kg		96	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	103		48 - 145								

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

Lab Sample ID: MB 885-11494/1-A
Matrix: Solid
Analysis Batch: 11504

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11494

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		09/03/24 09:16	09/03/24 10:58	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		09/03/24 09:16	09/03/24 10:58	1
Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac		
Di-n-octyl phthalate (Surr)	87		62 - 134	09/03/24 09:16	09/03/24 10:58	1		

Lab Sample ID: LCS 885-11494/2-A
Matrix: Solid
Analysis Batch: 11504

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11494

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	39.8		mg/Kg		80	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	82		62 - 134				

QC Sample Results

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10985-1

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

Lab Sample ID: 885-10985-1 MS

Matrix: Solid

Analysis Batch: 11504

Client Sample ID: S-13

Prep Type: Total/NA

Prep Batch: 11494

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		47.1	39.7		mg/Kg		84	44 - 136		
Surrogate	MS %Recovery	MS Qualifier	MS Limits								
Di-n-octyl phthalate (Surr)	88		62 - 134								

Lab Sample ID: 885-10985-1 MSD

Matrix: Solid

Analysis Batch: 11504

Client Sample ID: S-13

Prep Type: Total/NA

Prep Batch: 11494

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limits
Diesel Range Organics [C10-C28]	ND		46.9	39.0		mg/Kg	-	83	44 - 136	2	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	89		62 - 134								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-11501/1-A

Matrix: Solid

Analysis Batch: 11531

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11501

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Chloride	ND		3.0	mg/Kg		09/03/24 09:39	09/03/24 12:04	1

Lab Sample ID: LCS 885-11501/2-A

Matrix: Solid

Analysis Batch: 11531

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11501

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
	Added	Result	Qualifier				Limits
Chloride	30.0	28.3		mg/Kg		94	90 - 110

Eurofins Albuquerque

QC Association Summary

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10985-1

GC VOA

Prep Batch: 11497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10985-1	S-13	Total/NA	Solid	5035	
MB 885-11497/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-11497/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-11497/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-10985-1 MS	S-13	Total/NA	Solid	5035	
885-10985-1 MSD	S-13	Total/NA	Solid	5035	

Analysis Batch: 11522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10985-1	S-13	Total/NA	Solid	8015M/D	11497
MB 885-11497/1-A	Method Blank	Total/NA	Solid	8015M/D	11497
LCS 885-11497/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	11497

Analysis Batch: 11523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10985-1	S-13	Total/NA	Solid	8021B	11497
MB 885-11497/1-A	Method Blank	Total/NA	Solid	8021B	11497
LCS 885-11497/3-A	Lab Control Sample	Total/NA	Solid	8021B	11497
885-10985-1 MS	S-13	Total/NA	Solid	8021B	11497
885-10985-1 MSD	S-13	Total/NA	Solid	8021B	11497

GC Semi VOA

Prep Batch: 11494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10985-1	S-13	Total/NA	Solid	SHAKE	
MB 885-11494/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-11494/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-10985-1 MS	S-13	Total/NA	Solid	SHAKE	
885-10985-1 MSD	S-13	Total/NA	Solid	SHAKE	

Analysis Batch: 11504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10985-1	S-13	Total/NA	Solid	8015M/D	11494
MB 885-11494/1-A	Method Blank	Total/NA	Solid	8015M/D	11494
LCS 885-11494/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	11494
885-10985-1 MS	S-13	Total/NA	Solid	8015M/D	11494
885-10985-1 MSD	S-13	Total/NA	Solid	8015M/D	11494

HPLC/IC

Prep Batch: 11501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10985-1	S-13	Total/NA	Solid	300_Prep	
MB 885-11501/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-11501/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 11531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-10985-1	S-13	Total/NA	Solid	300.0	11501
MB 885-11501/1-A	Method Blank	Total/NA	Solid	300.0	11501
LCS 885-11501/2-A	Lab Control Sample	Total/NA	Solid	300.0	11501

Eurofins Albuquerque

Lab Chronicle

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10985-1

Client Sample ID: S-13
Date Collected: 08/30/24 10:00
Date Received: 08/31/24 06:45

Lab Sample ID: 885-10985-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			11497	AT	EET ALB	09/03/24 09:17
Total/NA	Analysis	8015M/D		1	11522	AT	EET ALB	09/03/24 12:25
Total/NA	Prep	5035			11497	AT	EET ALB	09/03/24 09:17
Total/NA	Analysis	8021B		1	11523	AT	EET ALB	09/03/24 12:25
Total/NA	Prep	SHAKE			11494	EM	EET ALB	09/03/24 09:16
Total/NA	Analysis	8015M/D		1	11504	EM	EET ALB	09/03/24 11:30
Total/NA	Prep	300_Prep			11501	EH	EET ALB	09/03/24 09:39
Total/NA	Analysis	300.0		20	11531	EH	EET ALB	09/03/24 13:06

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

Accreditation/Certification Summary

Client: Ensolum
Project/Site: Gallegos Canyon Unit #55

Job ID: 885-10985-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-25

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109 885-10985 COC

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

Analysis Request

[illegible]

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: 885-10985-1

Login Number: 10985

List Number: 1

Creator: Casarrubias, Tracy

List Source: Eurofins Albuquerque

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 402787

QUESTIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 402787
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2423945301
Incident Name	NAPP2423945301 GALLEGOS CANYON UNIT #55 @ 30-045-07044
Incident Type	Natural Gas Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-045-07044] GALLEGOS CANYON UNIT #055

Location of Release Source	
Please answer all the questions in this group.	
Site Name	GALLEGOS CANYON UNIT #55
Date Release Discovered	08/26/2024
Surface Owner	Navajo

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

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

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QUESTIONS, Page 2

Action 402787

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 402787
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.
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: 09/03/2024
--	---

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QUESTIONS, Page 3

Action 402787

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 402787
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>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.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	OCD Imaging Records Lookup
Did this release impact groundwater or surface water	No
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 ½ and 1 (mi.)
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 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (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 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	500
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	12
GRO+DRO (EPA SW-846 Method 8015M)	12
BTEX (EPA SW-846 Method 8021B or 8260B)	1.2
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	08/26/2024
On what date will (or did) the final sampling or liner inspection occur	08/30/2024
On what date will (or was) the remediation complete(d)	08/30/2024
What is the estimated surface area (in square feet) that will be reclaimed	1584
What is the estimated volume (in cubic yards) that will be reclaimed	972
What is the estimated surface area (in square feet) that will be remediated	1584
What is the estimated volume (in cubic yards) that will be remediated	972
<i>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.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Action 402787

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 402787
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	ENVIROTECH LANDFARM #2 [FEEM0112336756]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 11/13/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 402787

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 402787
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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, Page 6

Action 402787

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 402787
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	377662
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/28/2024
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	1584
What was the total volume (cubic yards) remediated	972
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	1584
What was the total volume (in cubic yards) reclaimed	972
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: 11/13/2024
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Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 7

Action 402787

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 402787
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 402787

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 402787
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2423945301 GALLEGOS CANYON UNIT #55, thank you. This Remediation Closure Report is approved.	3/26/2025