



CLOSURE REPORT

Property:

Chaco Plant Water/Amine Spill
Unit Letter N, S16 T26N R12W
San Juan County, New Mexico

New Mexico EMNRD OCD Incident ID No. NAPP2427534650

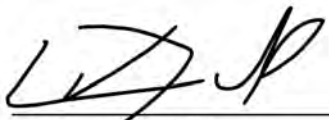
April 9, 2025

Ensolum Project No. 05A1226348

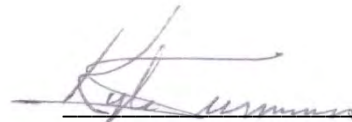
Prepared for:

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

Prepared by:



Landon Daniell
Project Geologist



Kyle Summers
Senior Managing Geologist

TABLE OF CONTENTS

1.0	INTRODUCTION.....	1
1.1	Site Description & Background	1
1.2	Project Objective	1
2.0	CLOSURE CRITERIA.....	1
3.0	SOIL REMEDIATION ACTIVITIES	3
4.0	SOIL SAMPLING PROGRAM	3
5.0	SOIL LABORATORY ANALYTICAL METHODS.....	4
6.0	SOIL DATA EVALUATION	4
7.0	RECLAMATION.....	5
8.0	REVEGETATION	5
9.0	FINDINGS AND RECOMMENDATION	5
10.0	STANDARDS OF CARE, LIMITATIONS, AND RELIANCE	5
10.1	Standard of Care	5
10.2	Limitations	5
10.3	Reliance.....	6

LIST OF APPENDICES

Appendix A – Figures

Figure 1: Topographic Map
Figure 2: Site Vicinity Map
Figure 3: Site Map with Soil Analytical Results

Appendix B – Siting Figures and Documentation

Figure A: 1.0 Mile Radius Water Well/POD Location Map
Figure B: Cathodic Protection Well Recorded Depth to Water
Figure C: 300 Foot Radius Watercourse and Drainage Identification
Figure D: 300 Foot Radius Occupied Structure Identification
Figure E: Water Well and Natural Spring Location
Figure F: Wetlands
Figure G: Mines, Mills, and Quarries
Figure H: 100-Year Flood Plain Map

Appendix C – Executed C-138 Solid Waste Acceptance Form

Appendix D – Photographic Documentation

Appendix E – Regulatory Correspondence

Appendix F – Table 1 - Soil Analytical Summary

Appendix G – Laboratory Data Sheets & Chain of Custody Documentation

1.0 INTRODUCTION

1.1 Site Description & Background

Operator:	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)
Site Name:	Chaco Plant Water/Amine Spill (Site)
NM EMNRD OCD Incident ID No.	NAPP2427534650
Location:	36.482033° North, 108.117893° West Unit Letter N, Section 16, Township 26 North, Range 12 West San Juan County, New Mexico
Property:	Private Property
Regulatory:	New Mexico (NM) Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

On September 30, 2025, Enterprise personnel identified a release of water/amine from a temporary holding tank at the Enterprise Chaco Gas Plant. Enterprise determined the release was “reportable” and the NM EMNRD OCD was subsequently notified. On March 12, 2025, Enterprise initiated activities to remediate hydrocarbon impact.

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

1.2 Project Objective

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

2.0 CLOSURE CRITERIA

The Site is subject to regulatory oversight by the NM EMNRD OCD. 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). Five PODs are located on the Chaco Plant property. No other PODs were identified in the same Public Land Survey System (PLSS) section. No PODs were identified in adjacent PLSS sections (**Figure A, Appendix B**). The closest POD (SJ-04463 POD 4) is approximately 768 feet west of the site and approximately 1 foot lower in elevation than the Site. The recorded depth to water (DTW) for this POD is 12 feet below grade surface (bgs) (2023 *Groundwater Monitoring Report*, Ensolum, January 9, 2024).

- No cathodic protection wells (CPWs) were identified in the NM EMNRD OCD imaging database in the same or adjacent PLSS sections (**Figure B (Appendix B)**).
- The Site is not located within 300 feet of a NM EMNRD OCD-defined continuously flowing watercourse or significant watercourse (**Figure C, Appendix B**).
- The Site is not located within 200 feet of a lakebed, sinkhole, or playa lake.
- The Site is not located within 300 feet of a permanent residence, school, hospital, institution, or church (**Figure D, Appendix B**). The Site is within an active petroleum hydrocarbon processing facility.
- No springs, or private domestic freshwater wells used by less than five households for domestic or stock watering purposes were identified within 500 feet of the Site (**Figure E, Appendix B**).
- No freshwater wells or springs were identified within 1,000 feet of the Site (**Figure E, Appendix B**).
- The Site is not located within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to New Mexico Statutes Annotated (NMSA) 1978, Section 3-27-3.
- Based on information identified in the U.S. Fish & Wildlife Service National Wetlands Inventory Wetlands Mapper, the Site is not within 300 feet of a wetland (**Figure F, Appendix B**). The nearest wetland is a riverine located approximately 1,600 feet to the southeast.
- 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 the depth to water at the Site is estimated to be less than 50 feet bgs, 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 March 12, 2025, Enterprise initiated activities to remediate petroleum hydrocarbon impact resulting from the release. During the remediation and corrective action activities, Riley Industrial Services, Inc. and TRC Construction, Inc. provided heavy equipment and labor support, while Ensolum provided environmental consulting support.

The excavation measured approximately 190 feet long and 61 feet wide at the maximum extents. The average depth of the excavation measured approximately 0.5 feet to 0.8 feet bgs, with a footprint of approximately 5,550 ft². The lithology encountered during the completion of remediation activities consisted primarily of unconsolidated silty sand and clay overlain by a gravel driving surface.

Approximately 231 cubic yards (yd³) of petroleum hydrocarbon-affected soils and surface gravel, and 560 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 pipeline (**Appendix A**). Photographic documentation of the field activities is included in **Appendix D**.

4.0 SOIL SAMPLING PROGRAM

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

Ensolum's soil sampling program included the collection of 28 composite soil samples (S-1 through S-17, S-17a, and S-18 through S-27) from the excavation and one composite sample (BF-1) from the backfill for laboratory analysis. The composite samples were comprised of five aliquots each and represent an estimated 400 square foot (ft²) or less sample area as approved by the NM ENMRD OCD. The excavator bucket and/or hand tools were utilized to obtain fresh aliquots from the excavation and backfill. Regulatory correspondence is provided in **Appendix E**.

First Sampling Event

On March 3, 2025, sampling was performed at the Site. The NM ENMRD OCD was notified of the sampling event although no representative was present during sampling activities. Composite soil samples S-1 through S-14 were collected from the flow path prior to remediation. The results for composite soil samples S-3, S-4, S-6, S-7, S-8, S-9, S-10, S-11, S-12, and S-14 indicated total combined TPH concentration exceedances.

Second Sampling Event

On March 14, 2025, sampling was performed at the Site. The NM ENMRD OCD was notified of the sampling event although no representative was present during sampling activities. Composite soil samples S-15 through S-23 were collected from the floor and sidewalls of the excavation. The results for composite soil sample S-17 indicated a total combined TPH concentration exceedance.

Third Sampling Event

On March 19, 2025, after removing additional soil from the area represented by composite soil sample S-17, sampling was performed at the Site. The NM ENMRD OCD was notified of the

sampling event although no representative was present during sampling activities. Composite soil sample S-17a was collected from the excavation to replace composite soil sample S-17.

Fourth Sampling Event

On March 28, 2025, sampling was performed at the Site. The NM EMNRD OCD was notified of the sampling event although no representative was present during sampling activities. Composite soil sample BF-1 was collected from the imported fill.

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 to the applicable NM EMNRD OCD closure criteria. Due to the high PQLs/RLs associated with the TPH MRO results when using EPA SW-846 Method 8015, Ensolum only compared the quantified TPH results to the New Mexico EMNRD OCD closure criteria. The results for composite soil samples S-3 through S-14 and S-17 are not included in the following discussion because the impacted soils associated with these samples were removed from the Site and taken to the landfarm. 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 indicate that total BTEX is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 50 mg/kg.
- The laboratory analytical results for composite soil samples S-1, S-2, and S-24 through S-27 indicate total combined TPH GRO/DRO/MRO concentrations ranging from 10 mg/kg (S-24) to 83 mg/kg (S-1), which are less than the NM EMNRD OCD closure criteria of 100 mg/kg. The analytical results for the other composite soil samples collected from soils remaining at the Site indicate that total combined TPH GRO/DRO/MRO concentrations are less than the laboratory PQLs / RLs, which are less than the NM EMNRD OCD closure criteria of 100 mg/kg.
- The laboratory analytical result for composite soil sample S-1 indicates a chloride concentration of 140 mg/kg, which is less than the NM EMNRD OCD closure criteria of 600 mg/kg. The analytical results for the other composite soil samples collected from soils

remaining at the Site indicate that chloride concentrations are less 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. The backfill and the upper four feet of the excavation have been analytically verified to be below the Tier I soil standards of 50 mg/kg BTEX, 10 mg/kg benzene, 100 mg/kg total combined TPH, and 600 mg/kg Chloride. See **APPENDIX D** and **APPENDIX F** for further documentation.

8.0 REVEGETATION

Revegetation will be addressed in accordance with 19.15.29.13 NMAC utilizing the recommended seed mix as described in the Vegetation Community Descriptions and Seed Mixes provided by the BLM Farmington Field Office. In this case the surrounding vegetation is predominantly of the Grassland Vegetation Community. Enterprise will reseed the area with the appropriate seed mix once the Chaco Gas Plant is no longer used as a production facility. A revegetation report will be provided under separate cover.

9.0 FINDINGS AND RECOMMENDATION

- A total of 29 composite soil samples were collected from the Site. Based on laboratory analytical results, no benzene, total BTEX, chloride, or total combined TPH GRO/DRO/MRO exceedances were identified in the soils remaining at the Site.
- Approximately 231 yd³ of petroleum hydrocarbon-affected soils and 560 bbls of hydro-excavation soil cuttings and water were transported to the Envirotech landfarm for disposal/remediation.

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

10.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

10.1 Standard of Care

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

10.2 Limitations

Findings, conclusions, and recommendations resulting from these services are based upon information derived from the on-Site activities and other services performed under this scope of work, and it should be noted that this information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, or not present during these services, and Ensolum

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

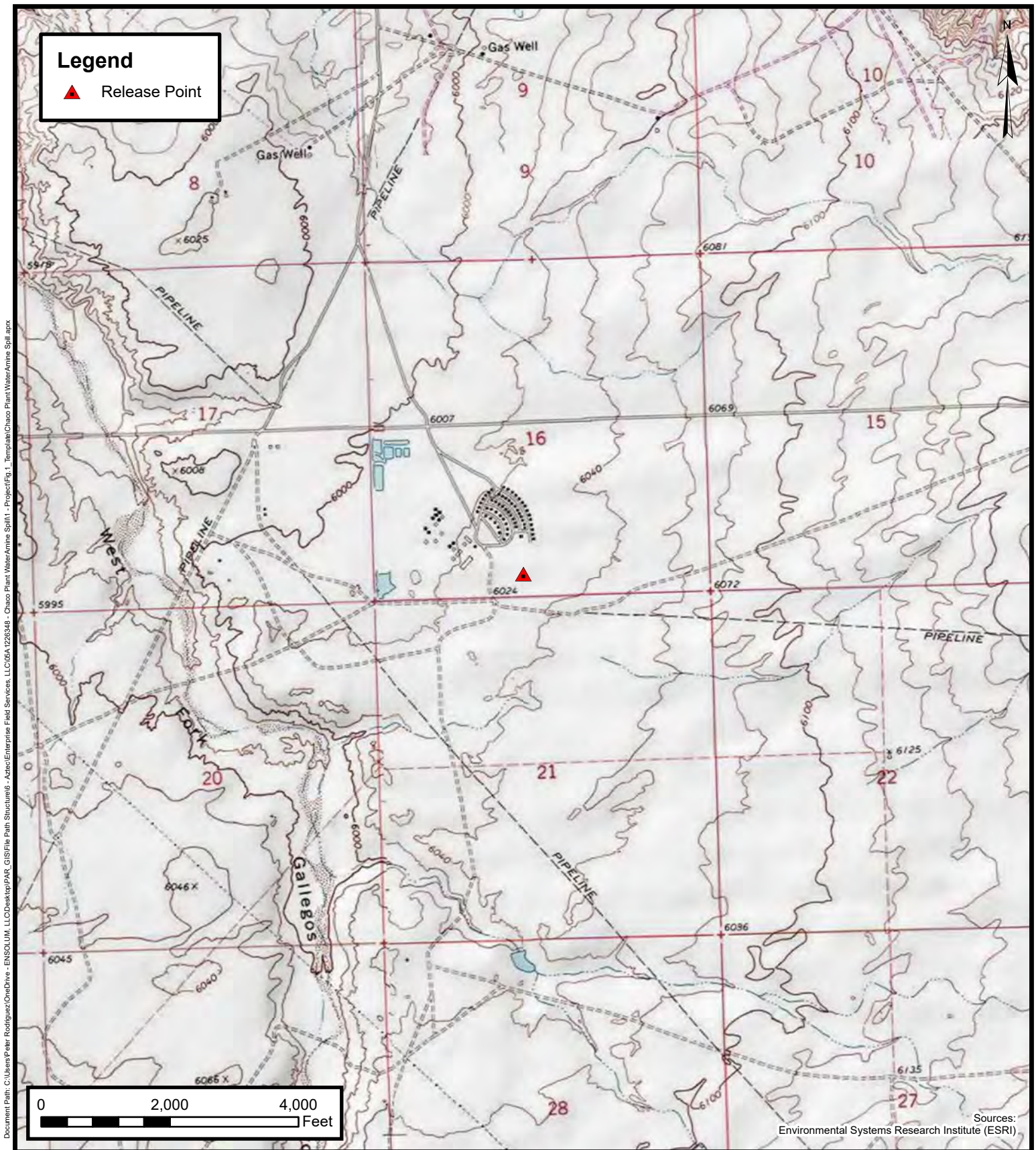
10.3 Reliance

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



APPENDIX A

Figures



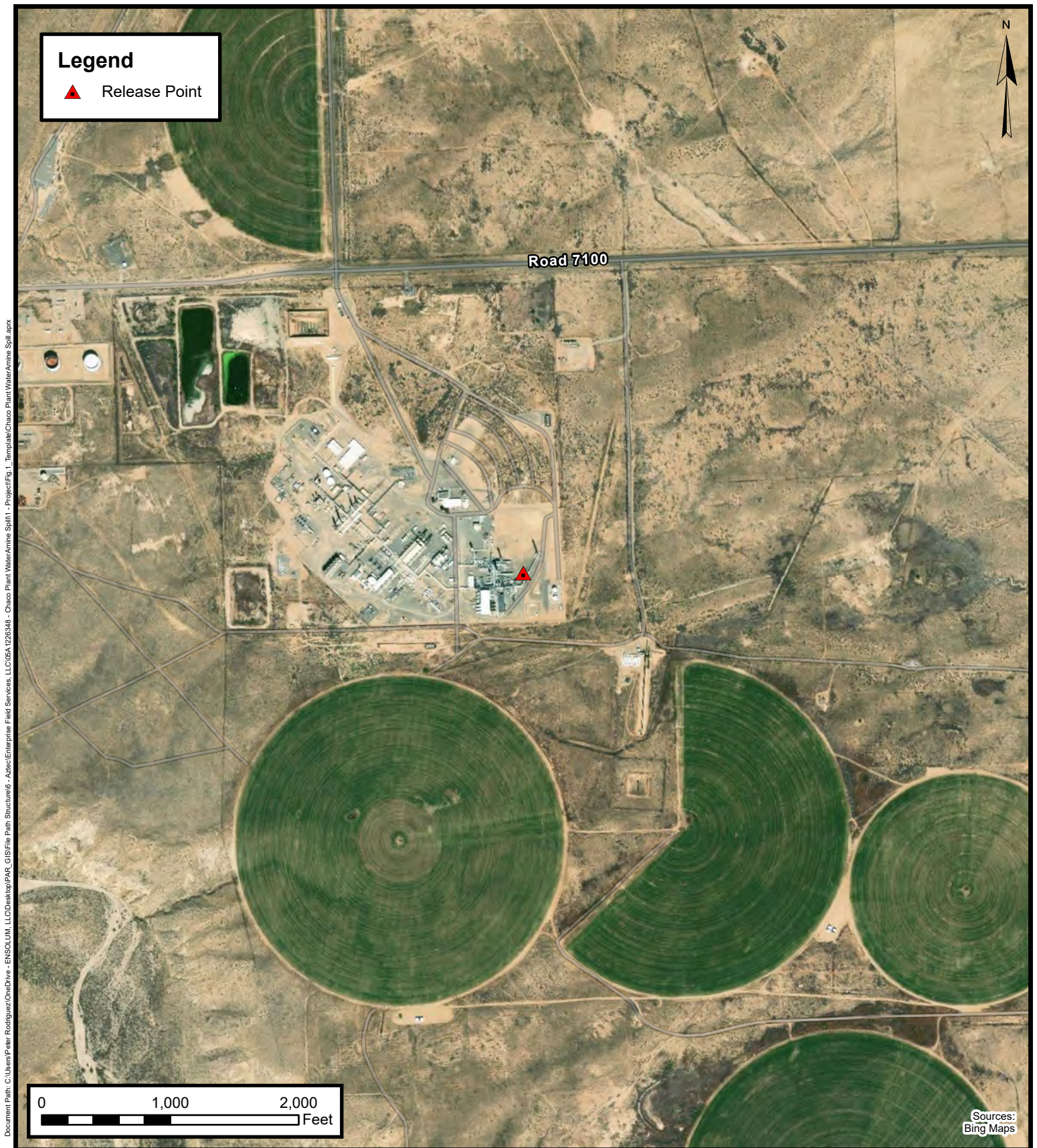
Topographic Map

Enterprise Field Services, LLC
Chaco Plant Water/Amine Spill
Project Number: 05A1226348

Unit Letter N, S16 T26N R12W, San Juan County, New Mexico
36.482033, -108.117893

FIGURE

1



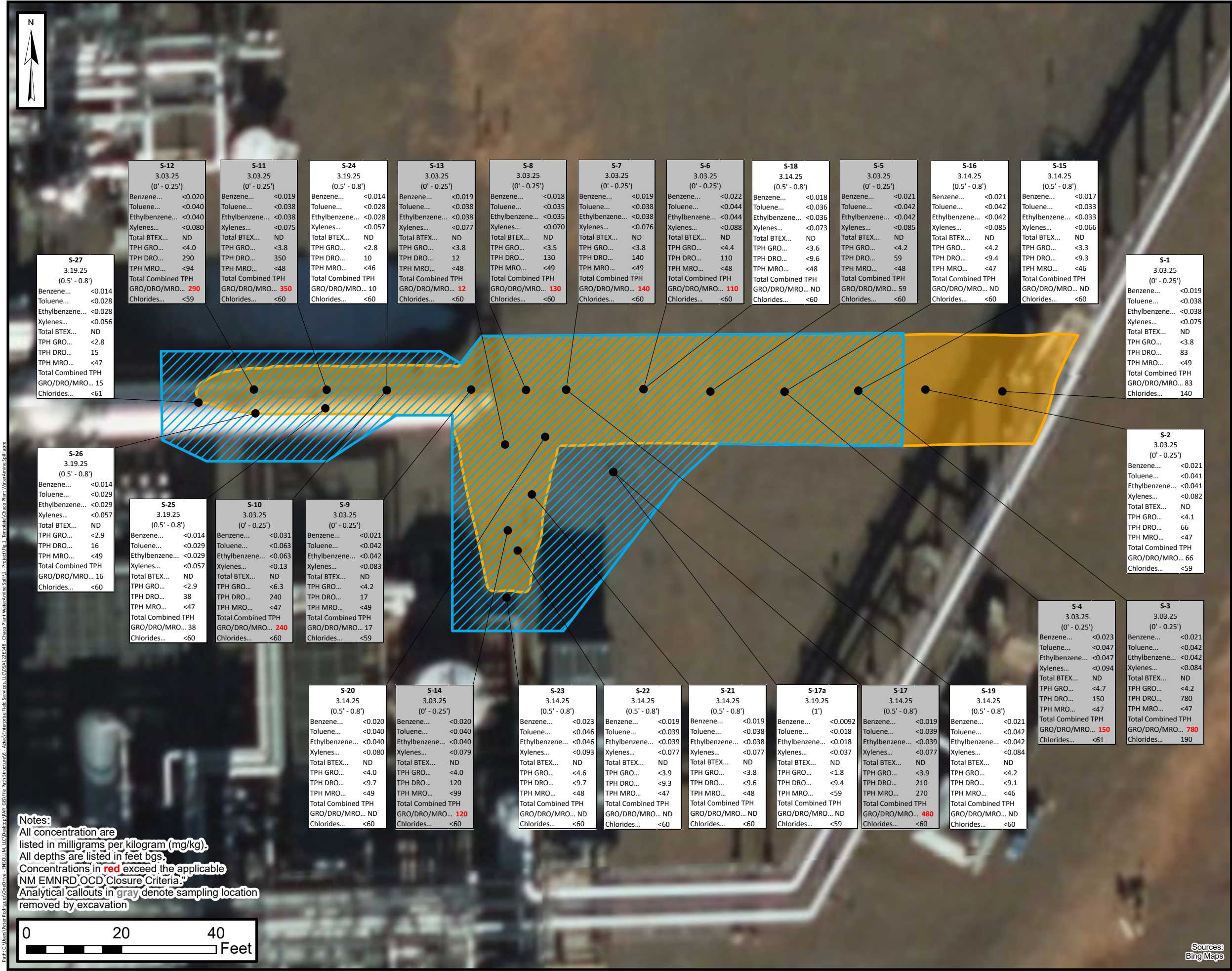
Site Vicinity Map

Enterprise Field Services, LLC
Chaco Plant Water/Amine Spill
Project Number: 05A1226348

Unit Letter N, S16 T26N R12W, San Juan County, New Mexico
36.482033, -108.117893

FIGURE

2



LEGEND

- Composite Soil Sample Location
- Flow Path
- Excavation Extent



Site Map with
Soil Analytical Results

Enterprise Field Services, LLC
Chaco Plant Water/Amine Spill
Unit Letter N, S16 T26N R12W
San Juan County, New Mexico
36.482033, -108.117893

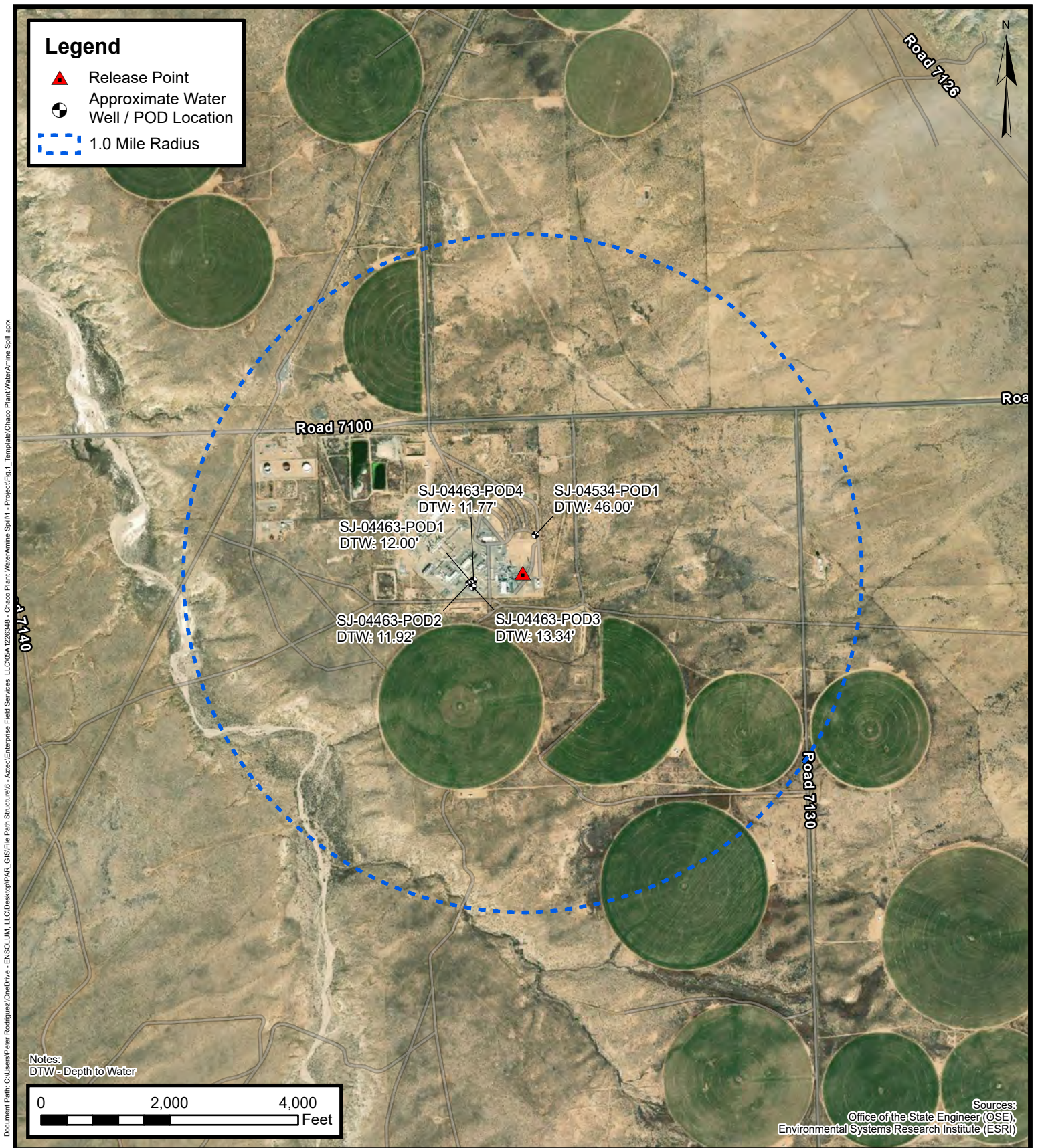
Figure
3

Project Number: 05A1226348



APPENDIX B

Siting Figures and Documentation

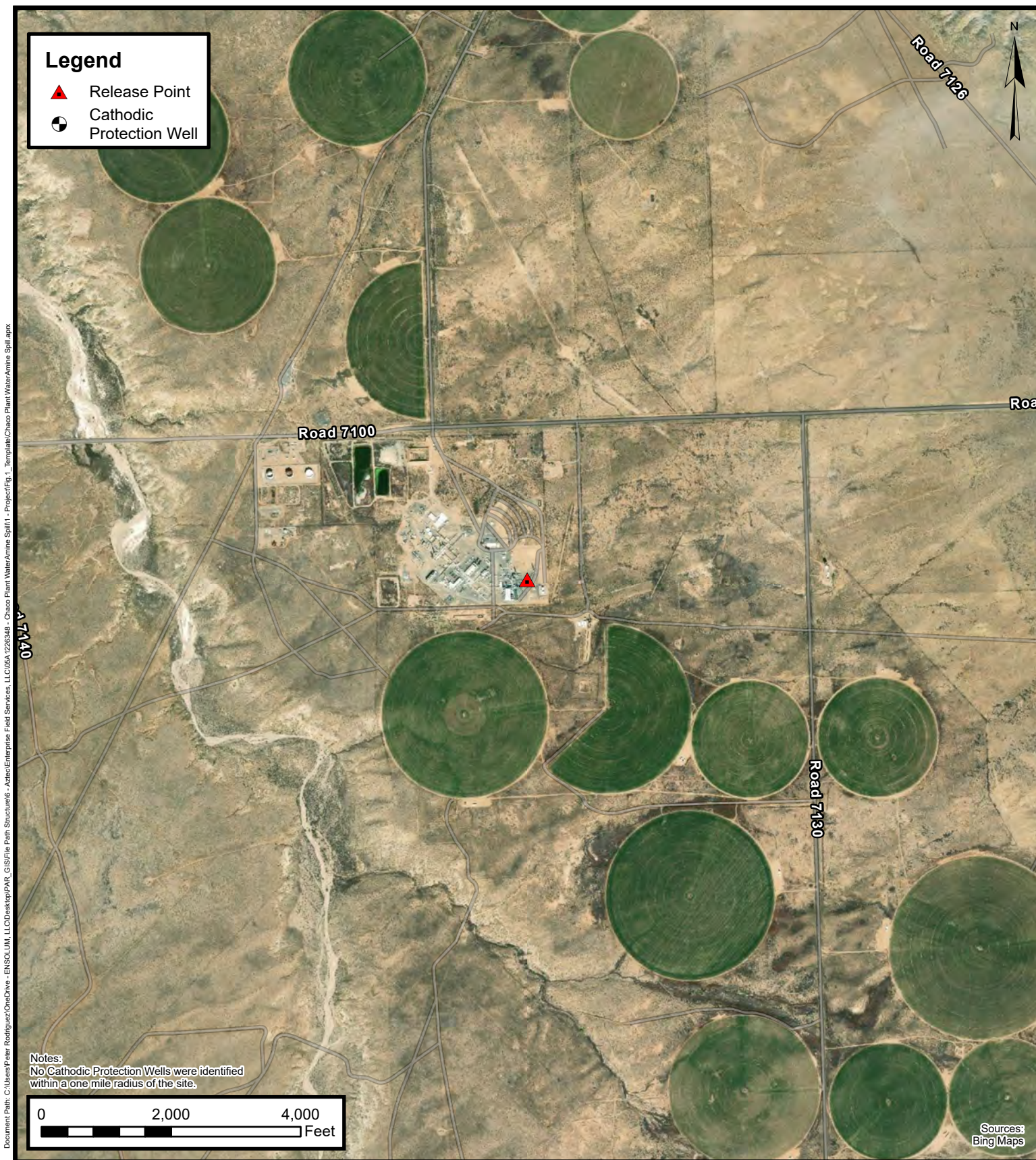


1.0 Mile Radius Water Well / POD Location Map

Enterprise Field Services, LLC
Chaco Plant Water/Amine Spill
Project Number: 05A1226348

Unit Letter N, S16 T26N R12W, San Juan County, New Mexico
36.482033, -108.117893

FIGURE
A

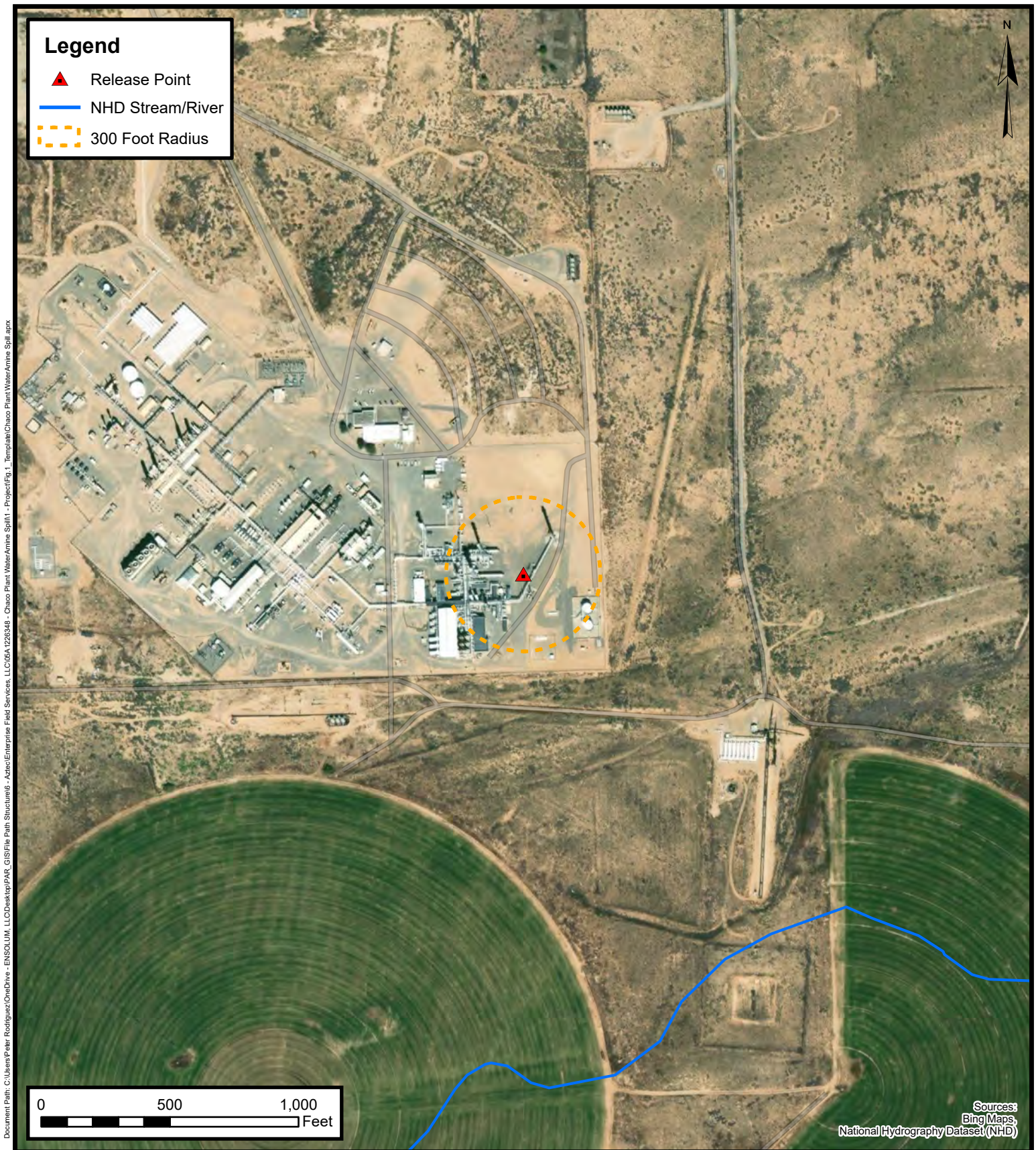


Cathodic Protection Well Recorded Depth to Water

Enterprise Field Services, LLC
Chaco Plant Water/Amine Spill
Project Number: 05A1226348

Unit Letter N, S16 T26N R12W, San Juan County, New Mexico
36.482033, -108.117893

**FIGURE
B**



300 Foot Radius Watercourse and Drainage Identification

Enterprise Field Services, LLC
Chaco Plant Water/Amine Spill
Project Number: 05A1226348

Unit Letter N, S16 T26N R12W, San Juan County, New Mexico
36.482033, -108.117893

FIGURE
C

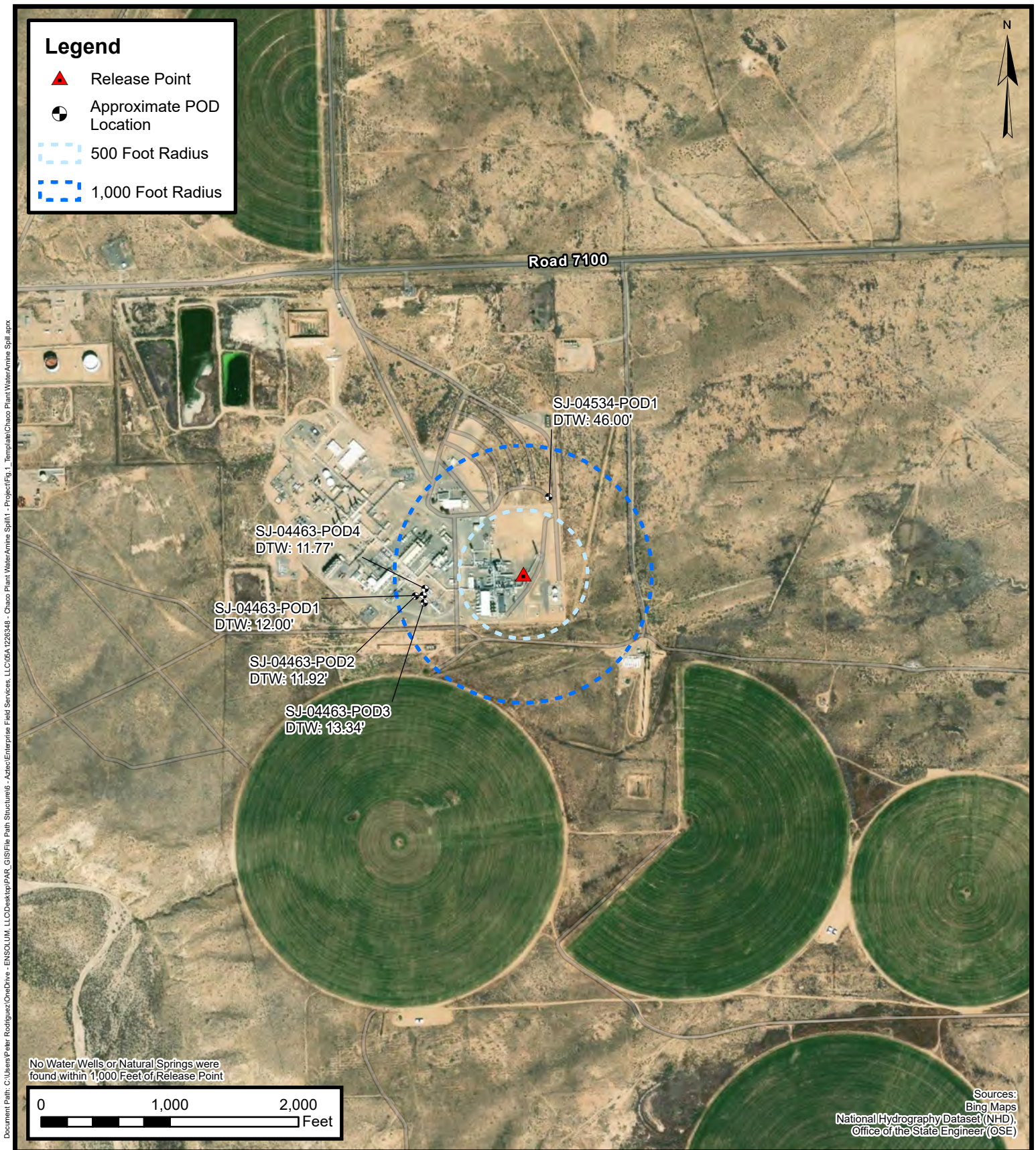


**300 Foot Radius Occupied
Structure Identification**

Enterprise Field Services, LLC
Chaco Plant Water/Amine Spill
Project Number: 05A1226348

Unit Letter N, S16 T26N R12W, San Juan County, New Mexico
36.482033, -108.117893

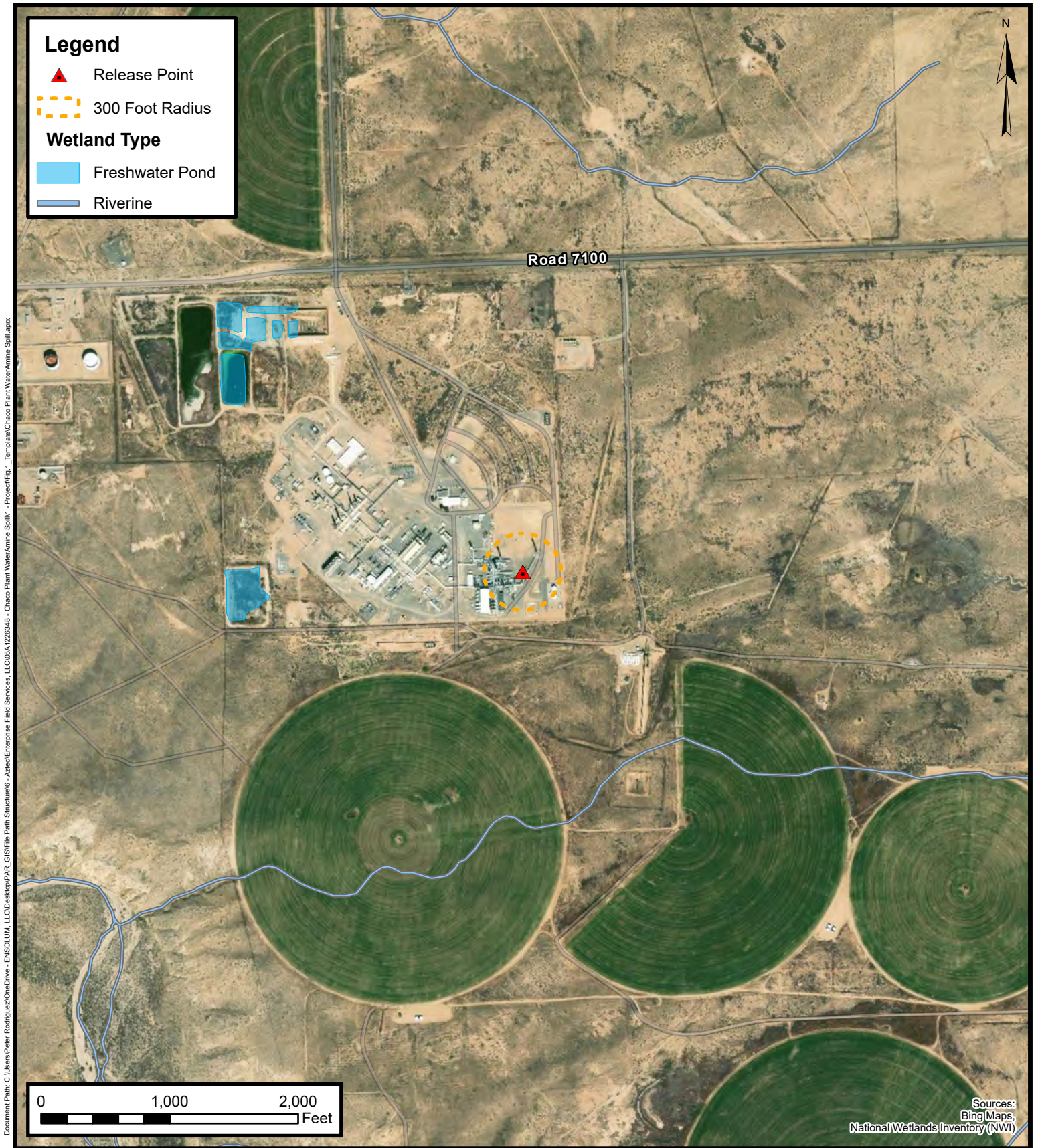
**FIGURE
D**



Water Well and Natural Spring Location

Enterprise Field Services, LLC
Chaco Plant Water/Amine Spill
Project Number: 05A1226348
Unit Letter N, S16 T26N R12W, San Juan County, New Mexico
36.482033, -108.117893

FIGURE
E

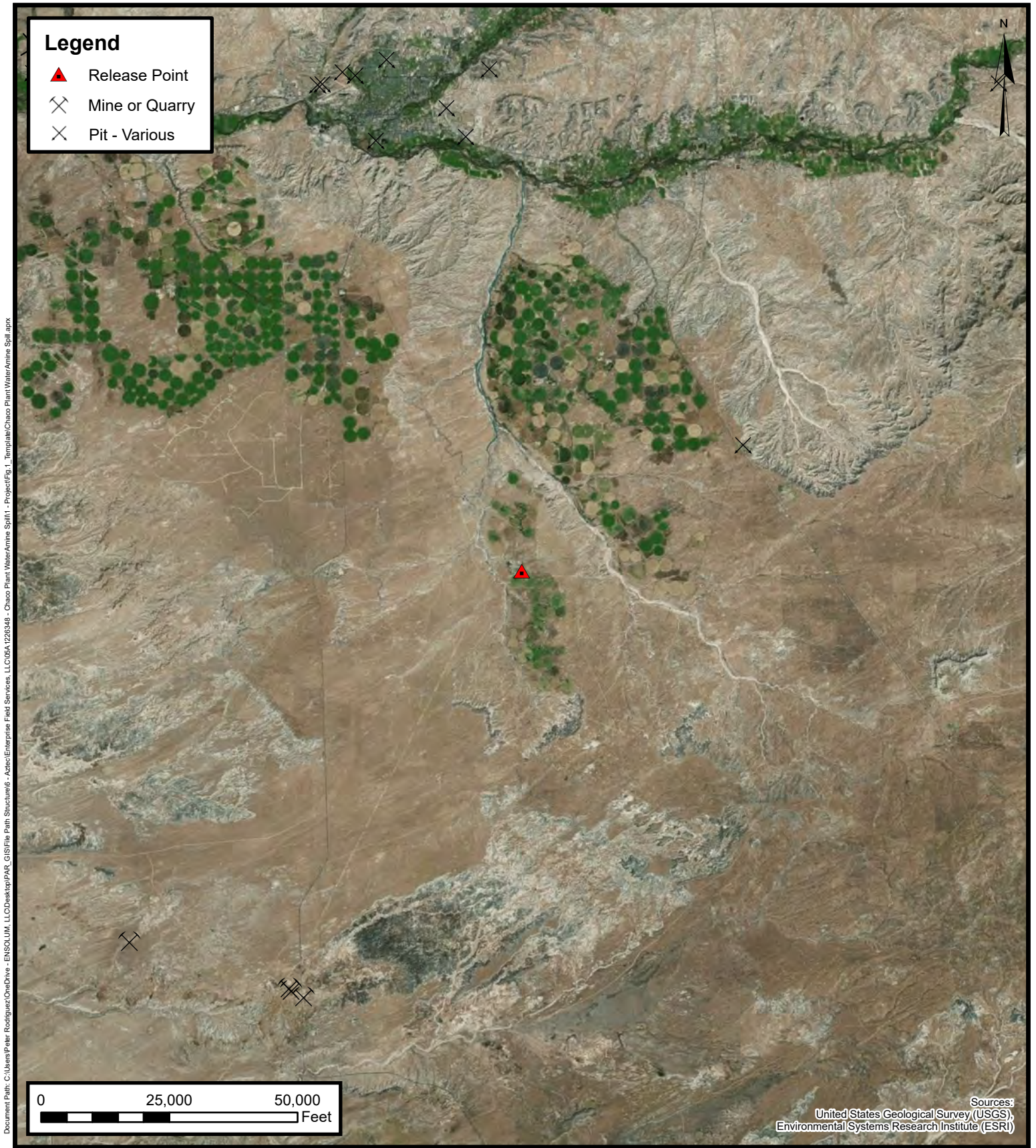


Wetlands

Enterprise Field Services, LLC
Chaco Plant Water/Amine Spill
Project Number: 05A1226348

Unit Letter N, S16 T26N R12W, San Juan County, New Mexico
36.482033, -108.117893

FIGURE
F

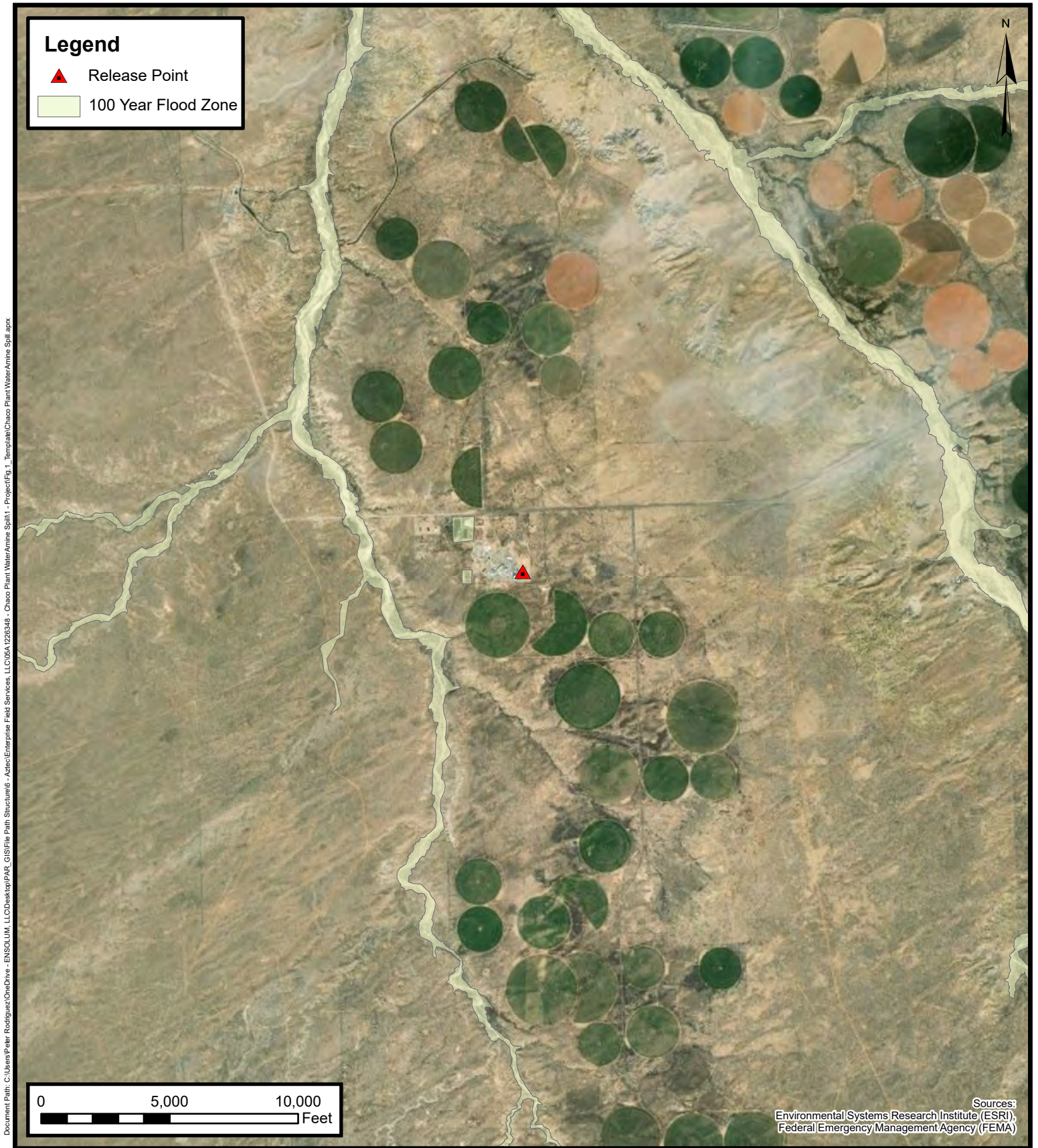


Mines, Mills, and Quarries

Enterprise Field Services, LLC
Chaco Plant Water/Amine Spill
Project Number: 05A1226348

Unit Letter N, S16 T26N R12W, San Juan County, New Mexico
36.482033, -108.117893

FIGURE
G



100-Year Flood Plain Map

Enterprise Field Services, LLC
Chaco Plant Water/Amine Spill
Project Number: 05A1226348

Unit Letter N, S16 T26N R12W, San Juan County, New Mexico
36.482033, -108.117893

FIGURE
H



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is closed) (quarters are smallest to largest)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Well Depth	Depth Water	Water Column
SJ 04463 POD1		SJ	SJ		SE	SW	16	26N	12W	220433.4	4041900.8		20	20	0
SJ 04463 POD2		SJ	SJ		SE	SW	16	26N	12W	220415.1	4041900.1		20	20	0
SJ 04463 POD3		SJ	SJ		SE	SW	16	26N	12W	220433.7	4041873.7		20		
SJ 04463 POD4		SJ	SJ		SE	SW	16	26N	12W	220437.8	4041916.4		20	20	0

Average Depth to Water: 20 feet

Minimum Depth: 20 feet

Maximum Depth: 20 feet

Record Count: 4

Basin/County Search:

Basin: SJ

PLSS Search:

Range: 12W

Township: 26N

Section: 8, 9,10,15,16,17,20,21,22

* 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.



APPENDIX C

Executed C-138 Solid Waste Acceptance Form

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

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

Form C-138
Revised 08/01/11

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

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Generator Name and Address:

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

PayKey: AM14058

PayKey SF11548

PM: Erric Lucero

AFE: N75122

2. Originating Site:

Chaco Plant Amine Spill

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

Section 16 T26N R12W; 36.482033,-108.117893

4. Source and Description of Waste:

Source: Hydrocarbon/Amine impacted soil associated an amine release.

Description: Hydrocarbon/Amine impacted soil associated an amine release.

Estimated Volume 50 yd³ / bbls Known Volume (to be entered by the operator at the end of the haul) 231/560 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 3-11-2024, 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: Riley Industrial and TRC

OCD Permitted Surface Waste Management Facility

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

Address of Facility: Hilltop, NM

Method of Treatment and/or Disposal:

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

Waste Acceptance Status:

☒ APPROVED

☐ DENIED (Must Be Maintained As Permanent Record)

PRINT NAME: Greg Crabtree

TITLE: Enviro Manager

DATE: 3/11/25

SIGNATURE: [Signature]

TELEPHONE NO.:

505-632-0615

Surface Waste Management Facility Authorized Agent



APPENDIX D

Photographic Documentation

SITE PHOTOGRAPHS

Closure Report
Enterprise Field Services, LLC
Chaco Plant Water/Amine Spill
Ensolum Project No. 05A1226348

**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 final excavation.



SITE PHOTOGRAPHS

Closure Report
Enterprise Field Services, LLC
Chaco Plant Water/Amine Spill
Ensolum Project No. 05A1226348

**Photograph 4**

Photograph Description: View of final excavation.

**Photograph 5**

Photograph Description: View of the excavation final restoration.





APPENDIX E

Regulatory Correspondence

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Wednesday, February 26, 2025 10:33 AM
To: Long, Thomas <tjlong@eprod.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 435493

[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#) nAPP2427534650.

The sampling event is expected to take place:

When: 03/03/2025 @ 09:00

Where: N-16-26N-12W 0 FNL 0 FEL (36.482033,-108.117893)

Additional Information: Ensolum, LLC

Additional Instructions: 36.482033,-108.117893

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

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.

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Wednesday, March 12, 2025 7:13 AM
To: Long, Thomas <tjlong@eprod.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 441524

[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#) nAPP2427534650.

The sampling event is expected to take place:

When: 03/14/2025 @ 10:00

Where: N-16-26N-12W 0 FNL 0 FEL (36.482033,-108.117893)

Additional Information: Ensolum, LLC

Additional Instructions: 36.482033,-108.117893

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

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.

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Monday, March 17, 2025 7:53 AM
To: Long, Thomas <tjlong@eprod.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 442847

[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#) nAPP2427534650.

The sampling event is expected to take place:

When: 03/19/2025 @ 09:00

Where: N-16-26N-12W 0 FNL 0 FEL (36.482033,-108.117893)

Additional Information: Ensolum, LLC.

Additional Instructions: 36.482033,-108.117893

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

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.

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Wednesday, March 26, 2025 7:43 AM

To: Long, Thomas <tjlong@eprod.com>

Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 445678

[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#) nAPP2427534650.

The sampling event is expected to take place:

When: 03/28/2025 @ 09:00

Where: N-16-26N-12W 0 FNL 0 FEL (36.482033,-108.117893)

Additional Information: Ensolum, LLC

Additional Instructions: 36.482033,-108.117893

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

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.

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Wednesday, March 26, 2025 2:38 PM
To: Long, Thomas <tjlong@eprod.com>
Cc: Stone, Brian <bmstone@eprod.com>
Subject: Re: [EXTERNAL] Chaco Plant Water/Amine Spill - UL N Section 16 T26N

R12W;36.482033,-108.117893; NMOCD Incident # NAPP2427534650

[Use caution with links/attachments]

Good afternoon Tom,

Thank you for the inquiry. Your 30-day time extension request is approved. Remediation Due date updated to April 30, 2025.

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

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Regards,

Nelson Velez • Environmental Specialist - Adv

Environmental Bureau | EMNRD - Oil Conservation Division

1000 Rio Brazos Road | Aztec, NM 87410

(505) 469-6146 | nelson.velez@emnrd.nm.gov

<http://www.emnrd.nm.gov/oed>



From: Long, Thomas <tjlong@eprod.com>

Sent: Wednesday, March 26, 2025 1:38 PM

To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>

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

Subject: RE: [EXTERNAL] Chaco Plant Water/Amine Spill - UL N Section 16 T26N
R12W;36.482033,-108.117893; NMOCD Incident # NAPP2427534650

Nelson,

Enterprise requests a variance for the Chaco Plant Water/Amine Spill - UL N Section 16 T26N R12W;36.482033,-108.117893; NMOCD Incident # NAPP2427534650. Enterprise requests an additional time extension of 30 days for a closure report submittal of April 30, 2025. Remediation of the release is complete. The reason for the extension request is to finalize the closure report. Please acknowledge acceptance of this variance requests. If you have any questions, please call or email.

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



From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Monday, December 23, 2024 11:03 AM
To: Long, Thomas <tjlong@eprod.com>
Cc: Stone, Brian <bmstone@eprod.com>
Subject: Re: [EXTERNAL] Chaco Plant Water/Amine Spill - UL N Section 16 T26N R12W;36.482033,-108.117893; NMOCD Incident # NAPP2427534650

[Use caution with links/attachments]

Good morning Tom,

Your 90-day time extension request is approved. Remediation Due date has been updated to March 31, 2025.

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

Regards,

Nelson Velez • Environmental Specialist - Adv

Environmental Bureau | EMNRD - Oil Conservation Division

1000 Rio Brazos Road | Aztec, NM 87410

(505) 469-6146 | nelson.velez@emnrd.nm.gov

<http://www.emnrd.nm.gov/oed>



From: Long, Thomas <tjlong@eprod.com>

Sent: Monday, December 2, 2024 1:08 PM

To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>

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

Subject: [EXTERNAL] Chaco Plant Water/Amine Spill - UL N Section 16 T26N R12W;36.482033,-108.117893; NMOCD Incident # NAPP2427534650

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

Nelson,

Enterprise requests a variance from the 200 square feet sampling requirement cited in [19.15.29.12](#) (D)(1)(c) for the Chaco Plant Water/Amine Spill - UL N Section 16 T26N R12W;36.482033,-108.117893; NMOCD Incident # NAPP2427534650. Enterprise requests an alternate of 400 square feet because the release was a surface release. In addition, Enterprise requests a time extension. The original due date for the closure report submittal is December 30, 2024. Enterprise requests time extension of an additional **90 days** for a new submittal due date of March 30, 2025. The reason for the extension request is that another incident occurred at the facility that caused the area to be unsafe to complete the required sampling. Please acknowledge acceptance of this variance requests. If you have any questions, please call or email.

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



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APPENDIX F

Table 1 – Soil Analytical Summary



TABLE 1 Chaco Plant Water/Amine Spill SOIL ANALYTICAL SUMMARY													
Sample I.D.	Date	Sample Type	Total Depth	Benzene	Ethylbenzene	Toluene	Xylenes	Total BTEX ¹	TPH GRO	TPH DRO	TPH MRO	Total Combined TPH (GRO/DRO/MRO) ¹	Chloride
		C- Composite G - Grab	(feet)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
New Mexico Energy, Mineral & Natural Resources Department Oil Conservation Division Closure Criteria (Tier I)				10	NE	NE	NE	50	NE	NE	NE	100	600
Removed Excavation Composite Soil Samples													
S-3	3.03.25	C	0 to 0.25	<0.021	<0.042	<0.042	<0.084	ND	<4.2	780	<47	780	190
S-4	3.03.25	C	0 to 0.25	<0.023	<0.047	<0.047	<0.094	ND	<4.7	150	<47	150	<61
S-5	3.03.25	C	0 to 0.25	<0.021	<0.042	<0.042	<0.085	ND	<4.2	59	<48	59	<60
S-6	3.03.25	C	0 to 0.25	<0.022	<0.044	<0.044	<0.088	ND	<4.4	110	<48	110	<60
S-7	3.03.25	C	0 to 0.25	<0.019	<0.038	<0.038	<0.076	ND	<3.8	140	<49	140	<60
S-8	3.03.25	C	0 to 0.25	<0.018	<0.035	<0.035	<0.070	ND	<3.5	130	<49	130	<60
S-9	3.03.25	C	0 to 0.25	<0.021	<0.042	<0.042	<0.083	ND	<4.2	17	<49	17	<59
S-10	3.03.25	C	0 to 0.25	<0.031	<0.063	<0.063	<0.13	ND	<6.3	240	<47	240	<60
S-11	3.03.25	C	0 to 0.25	<0.019	<0.038	<0.038	<0.075	ND	<3.8	350	<48	350	<60
S-12	3.03.25	C	0 to 0.25	<0.020	<0.040	<0.040	<0.080	ND	<4.0	290	<94	290	<59
S-13	3.03.25	C	0 to 0.25	<0.019	<0.038	<0.038	<0.077	ND	<3.8	12	<48	12	<60
S-14	3.03.25	C	0 to 0.25	<0.020	<0.040	<0.040	<0.079	ND	<4.0	120	<99	120	<60
S-17	3.14.25	C	0.5 to 0.8	<0.019	<0.039	<0.039	<0.077	ND	<3.9	210	270	480	<60
Excavation Composite Soil Samples													
S-1	3.03.25	C	0 to 0.25	<0.019	<0.038	<0.038	<0.075	ND	<3.8	83	<49	83	140
S-2	3.03.25	C	0 to 0.25	<0.021	<0.041	<0.041	<0.082	ND	<4.1	66	<47	66	<59
S-15	3.14.25	C	0.5 to 0.8	<0.017	<0.033	<0.033	<0.066	ND	<3.3	<9.3	<46	ND	<60
S-16	3.14.25	C	0.5 to 0.8	<0.021	<0.042	<0.042	<0.085	ND	<4.2	<9.4	<47	ND	<60
S-18	3.14.25	C	0.5 to 0.8	<0.018	<0.036	<0.036	<0.073	ND	<3.6	<9.6	<48	ND	<60
S-19	3.14.25	C	0.5 to 0.8	<0.021	<0.042	<0.042	<0.084	ND	<4.2	<9.1	<46	ND	<60
S-20	3.14.25	C	0.5 to 0.8	<0.020	<0.040	<0.040	<0.080	ND	<4.0	<9.7	<49	ND	<60
S-21	3.14.25	C	0.5 to 0.8	<0.019	<0.038	<0.038	<0.077	ND	<3.8	<9.6	<48	ND	<60
S-22	3.14.25	C	0.5 to 0.8	<0.019	<0.039	<0.039	<0.077	ND	<3.9	<9.3	<47	ND	<60
S-23	3.14.25	C	0.5 to 0.8	<0.023	<0.046	<0.046	<0.093	ND	<4.6	<9.7	<48	ND	<60
S-17a	3.19.25	C	1	<0.0092	<0.018	<0.018	<0.037	ND	<1.8	<9.4	<59	ND	<59
S-24	3.19.25	C	0.5 to 0.8	<0.014	<0.028	<0.028	<0.057	ND	<2.8	10	<46	10	<60
S-25	3.19.25	C	0.5 to 0.8	<0.014	<0.029	<0.029	<0.057	ND	<2.9	38	<47	38	<60
S-26	3.19.25	C	0.5 to 0.8	<0.014	<0.029	<0.029	<0.057	ND	<2.9	16	<49	16	<60
S-27	3.19.25	C	0.5 to 0.8	<0.014	<0.028	<0.028	<0.056	ND	<2.8	15	<47	15	<61
Backfill Composite Soil Sample													
BF-1	3.28.25	C	BF	<0.015	<0.030	<0.030	<0.060	ND	<3.0	<9.3	<47	ND	<61

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

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

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

NE = Not established

NS = Not sampled

mg/kg = milligrams per kilogram

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes

TPH = Total Petroleum Hydrocarbons

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

MRO = Motor Oil/Lube Oil Range Organics

BF = Backfilled sample



APPENDIX G

Laboratory Data Sheets & Chain of Custody Documentation



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 3/12/2025 5:48:34 PM

JOB DESCRIPTION

Chaco Amine Spill

JOB NUMBER

885-20755-1

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
3/12/2025 5:48:34 PM

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

Client: Ensolum
Project/Site: Chaco Amine Spill

Laboratory Job ID: 885-20755-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	20
QC Association Summary	25
Lab Chronicle	29
Certification Summary	34
Chain of Custody	35
Receipt Checklists	37



Definitions/Glossary

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
F1	MS and/or MSD recovery exceeds control limits.

HPLC/IC

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits

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: Chaco Amine Spill

Job ID: 885-20755-1

Job ID: 885-20755-1

Eurofins Albuquerque

Job Narrative 885-20755-1

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 3/4/2025 7:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.1°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 following samples were diluted due to the nature of the sample matrix: S-12 (885-20755-12) and S-14 (885-20755-14). Elevated reporting limits (RLs) are provided.

Method 8015D_DRO: Surrogate recovery for the following sample is outside the lower control limit: (CCVRT 885-21819/2). However, target analytes recovered within expected limits, therefore any associated samples with passing surrogate have been reported.

Method 8015D_DRO: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-21796 and analytical batch 885-21791 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits, and surrogate recoveries were within expected limits.

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: Chaco Amine Spill

Job ID: 885-20755-1

Client Sample ID: S-1

Lab Sample ID: 885-20755-1

Date Collected: 03/03/25 09:30

Matrix: Solid

Date Received: 03/04/25 07:15

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		03/04/25 08:53	03/04/25 12:47	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	94		35 - 166			03/04/25 08:53	03/04/25 12:47	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.019	mg/Kg		03/04/25 08:53	03/04/25 12:47	1	
Ethylbenzene	ND		0.038	mg/Kg		03/04/25 08:53	03/04/25 12:47	1	
Toluene	ND		0.038	mg/Kg		03/04/25 08:53	03/04/25 12:47	1	
Xylenes, Total	ND		0.075	mg/Kg		03/04/25 08:53	03/04/25 12:47	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	86		48 - 145			03/04/25 08:53	03/04/25 12:47	1	
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	83	F1	9.7	mg/Kg		03/04/25 08:51	03/04/25 10:46	1	
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		03/04/25 08:51	03/04/25 10:46	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	104		62 - 134			03/04/25 08:51	03/04/25 10:46	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	140	F2	60	mg/Kg		03/04/25 10:18	03/04/25 11:52	20	

Client Sample Results

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

Client Sample ID: S-2

Lab Sample ID: 885-20755-2

Date Collected: 03/03/25 09:45

Matrix: Solid

Date Received: 03/04/25 07:15

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		4.1	mg/Kg		03/04/25 09:42	03/04/25 13:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		35 - 166			03/04/25 09:42	03/04/25 13:09	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021	mg/Kg		03/04/25 09:42	03/04/25 13:09	1
Ethylbenzene	ND		0.041	mg/Kg		03/04/25 09:42	03/04/25 13:09	1
Toluene	ND		0.041	mg/Kg		03/04/25 09:42	03/04/25 13:09	1
Xylenes, Total	ND		0.082	mg/Kg		03/04/25 09:42	03/04/25 13:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		48 - 145			03/04/25 09:42	03/04/25 13:09	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]	66		9.5	mg/Kg		03/04/25 08:51	03/04/25 11:18	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		03/04/25 08:51	03/04/25 11:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			03/04/25 08:51	03/04/25 11:18	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		59	mg/Kg		03/04/25 10:18	03/04/25 12:03	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

Client Sample ID: S-3

Lab Sample ID: 885-20755-3

Date Collected: 03/03/25 10:00

Matrix: Solid

Date Received: 03/04/25 07:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.2	mg/Kg		03/04/25 09:42	03/04/25 13:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		35 - 166			03/04/25 09:42	03/04/25 13:31	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021	mg/Kg		03/04/25 09:42	03/04/25 13:31	1
Ethylbenzene	ND		0.042	mg/Kg		03/04/25 09:42	03/04/25 13:31	1
Toluene	ND		0.042	mg/Kg		03/04/25 09:42	03/04/25 13:31	1
Xylenes, Total	ND		0.084	mg/Kg		03/04/25 09:42	03/04/25 13:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		48 - 145			03/04/25 09:42	03/04/25 13:31	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	780		9.4	mg/Kg		03/04/25 08:51	03/04/25 11:28	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		03/04/25 08:51	03/04/25 11:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	103		62 - 134			03/04/25 08:51	03/04/25 11:28	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	190		61	mg/Kg		03/04/25 10:18	03/04/25 12:13	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

Client Sample ID: S-4

Lab Sample ID: 885-20755-4

Date Collected: 03/03/25 10:15

Matrix: Solid

Date Received: 03/04/25 07:15

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		4.7	mg/Kg		03/04/25 09:42	03/04/25 13:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		35 - 166			03/04/25 09:42	03/04/25 13:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		03/04/25 09:42	03/04/25 13:53	1
Ethylbenzene	ND		0.047	mg/Kg		03/04/25 09:42	03/04/25 13:53	1
Toluene	ND		0.047	mg/Kg		03/04/25 09:42	03/04/25 13:53	1
Xylenes, Total	ND		0.094	mg/Kg		03/04/25 09:42	03/04/25 13:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		48 - 145			03/04/25 09:42	03/04/25 13:53	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]	150		9.3	mg/Kg		03/04/25 08:51	03/04/25 11:39	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		03/04/25 08:51	03/04/25 11:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	106		62 - 134			03/04/25 08:51	03/04/25 11:39	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		61	mg/Kg		03/04/25 10:18	03/04/25 12:23	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

Client Sample ID: S-5

Lab Sample ID: 885-20755-5

Date Collected: 03/03/25 10:45

Matrix: Solid

Date Received: 03/04/25 07:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.2	mg/Kg		03/04/25 09:42	03/04/25 14:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		35 - 166			03/04/25 09:42	03/04/25 14:15	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021	mg/Kg		03/04/25 09:42	03/04/25 14:15	1
Ethylbenzene	ND		0.042	mg/Kg		03/04/25 09:42	03/04/25 14:15	1
Toluene	ND		0.042	mg/Kg		03/04/25 09:42	03/04/25 14:15	1
Xylenes, Total	ND		0.085	mg/Kg		03/04/25 09:42	03/04/25 14:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			03/04/25 09:42	03/04/25 14:15	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]	59		9.7	mg/Kg		03/04/25 08:51	03/04/25 11:49	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		03/04/25 08:51	03/04/25 11:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			03/04/25 08:51	03/04/25 11:49	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		03/04/25 10:18	03/04/25 12:34	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

Client Sample ID: S-6

Lab Sample ID: 885-20755-6

Date Collected: 03/03/25 11:15

Matrix: Solid

Date Received: 03/04/25 07:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.4	mg/Kg		03/04/25 09:42	03/04/25 14:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		35 - 166	03/04/25 09:42	03/04/25 14:37	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.022	mg/Kg		03/04/25 09:42	03/04/25 14:37	1
Ethylbenzene	ND		0.044	mg/Kg		03/04/25 09:42	03/04/25 14:37	1
Toluene	ND		0.044	mg/Kg		03/04/25 09:42	03/04/25 14:37	1
Xylenes, Total	ND		0.088	mg/Kg		03/04/25 09:42	03/04/25 14:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		48 - 145	03/04/25 09:42	03/04/25 14:37	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]	110		9.5	mg/Kg		03/04/25 08:51	03/04/25 12:00	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		03/04/25 08:51	03/04/25 12:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134	03/04/25 08:51	03/04/25 12:00	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		03/04/25 10:18	03/04/25 12:44	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

Client Sample ID: S-7
Date Collected: 03/03/25 11:30
Date Received: 03/04/25 07:15

Lab Sample ID: 885-20755-7
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics [C6 - C10]	ND		3.8	mg/Kg		03/04/25 08:53	03/04/25 11:08	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	94		35 - 166			03/04/25 08:53	03/04/25 11:08	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.019	mg/Kg		03/04/25 08:53	03/04/25 11:08	1	
Ethylbenzene	ND		0.038	mg/Kg		03/04/25 08:53	03/04/25 11:08	1	
Toluene	ND		0.038	mg/Kg		03/04/25 08:53	03/04/25 11:08	1	
Xylenes, Total	ND		0.076	mg/Kg		03/04/25 08:53	03/04/25 11:08	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	101		48 - 145			03/04/25 08:53	03/04/25 11:08	1	
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	140		9.8	mg/Kg		03/04/25 08:51	03/04/25 12:11	1	
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		03/04/25 08:51	03/04/25 12:11	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	101		62 - 134			03/04/25 08:51	03/04/25 12:11	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		60	mg/Kg		03/04/25 10:18	03/04/25 12:54	20	

Client Sample Results

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

Client Sample ID: S-8

Lab Sample ID: 885-20755-8

Date Collected: 03/03/25 11:45

Matrix: Solid

Date Received: 03/04/25 07:15

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		03/04/25 09:47	03/04/25 11:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			03/04/25 09:47	03/04/25 11:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		03/04/25 09:47	03/04/25 11:32	1
Ethylbenzene	ND		0.035	mg/Kg		03/04/25 09:47	03/04/25 11:32	1
Toluene	ND		0.035	mg/Kg		03/04/25 09:47	03/04/25 11:32	1
Xylenes, Total	ND		0.070	mg/Kg		03/04/25 09:47	03/04/25 11:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		48 - 145			03/04/25 09:47	03/04/25 11:32	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]	130		9.8	mg/Kg		03/04/25 08:51	03/04/25 12:21	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		03/04/25 08:51	03/04/25 12:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	106		62 - 134			03/04/25 08:51	03/04/25 12:21	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		03/04/25 10:18	03/04/25 13:05	20

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Client Sample Results

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

Client Sample ID: S-9

Lab Sample ID: 885-20755-9

Date Collected: 03/03/25 12:00

Matrix: Solid

Date Received: 03/04/25 07:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.2	mg/Kg		03/04/25 09:47	03/04/25 11:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		35 - 166			03/04/25 09:47	03/04/25 11:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021	mg/Kg		03/04/25 09:47	03/04/25 11:56	1
Ethylbenzene	ND		0.042	mg/Kg		03/04/25 09:47	03/04/25 11:56	1
Toluene	ND		0.042	mg/Kg		03/04/25 09:47	03/04/25 11:56	1
Xylenes, Total	ND		0.083	mg/Kg		03/04/25 09:47	03/04/25 11:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		48 - 145			03/04/25 09:47	03/04/25 11:56	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]	17		9.9	mg/Kg		03/04/25 08:51	03/04/25 12:32	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		03/04/25 08:51	03/04/25 12:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	109		62 - 134			03/04/25 08:51	03/04/25 12:32	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		59	mg/Kg		03/04/25 10:18	03/04/25 13:36	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

Client Sample ID: S-10
Date Collected: 03/03/25 12:15
Date Received: 03/04/25 07:15

Lab Sample ID: 885-20755-10
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		6.3	mg/Kg		03/04/25 09:47	03/04/25 12:19	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	96		35 - 166			03/04/25 09:47	03/04/25 12:19	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.031	mg/Kg		03/04/25 09:47	03/04/25 12:19	1	
Ethylbenzene	ND		0.063	mg/Kg		03/04/25 09:47	03/04/25 12:19	1	
Toluene	ND		0.063	mg/Kg		03/04/25 09:47	03/04/25 12:19	1	
Xylenes, Total	ND		0.13	mg/Kg		03/04/25 09:47	03/04/25 12:19	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	98		48 - 145			03/04/25 09:47	03/04/25 12:19	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]	240		9.5	mg/Kg		03/04/25 08:51	03/04/25 12:43	1	
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		03/04/25 08:51	03/04/25 12:43	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	104		62 - 134			03/04/25 08:51	03/04/25 12:43	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		60	mg/Kg		03/04/25 10:18	03/04/25 13:46	20	

Client Sample Results

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

Client Sample ID: S-11

Lab Sample ID: 885-20755-11

Date Collected: 03/03/25 12:30

Matrix: Solid

Date Received: 03/04/25 07:15

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		03/04/25 09:47	03/04/25 12:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			03/04/25 09:47	03/04/25 12:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019	mg/Kg		03/04/25 09:47	03/04/25 12:43	1
Ethylbenzene	ND		0.038	mg/Kg		03/04/25 09:47	03/04/25 12:43	1
Toluene	ND		0.038	mg/Kg		03/04/25 09:47	03/04/25 12:43	1
Xylenes, Total	ND		0.075	mg/Kg		03/04/25 09:47	03/04/25 12:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		48 - 145			03/04/25 09:47	03/04/25 12:43	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]	350		9.6	mg/Kg		03/04/25 08:51	03/04/25 10:52	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		03/04/25 08:51	03/04/25 10:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			03/04/25 08:51	03/04/25 10:52	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		03/04/25 10:18	03/04/25 13:57	20

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Client Sample Results

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

Client Sample ID: S-12

Lab Sample ID: 885-20755-12

Date Collected: 03/03/25 13:15

Matrix: Solid

Date Received: 03/04/25 07:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.0	mg/Kg		03/04/25 09:47	03/04/25 13:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		35 - 166			03/04/25 09:47	03/04/25 13:07	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020	mg/Kg		03/04/25 09:47	03/04/25 13:07	1
Ethylbenzene	ND		0.040	mg/Kg		03/04/25 09:47	03/04/25 13:07	1
Toluene	ND		0.040	mg/Kg		03/04/25 09:47	03/04/25 13:07	1
Xylenes, Total	ND		0.080	mg/Kg		03/04/25 09:47	03/04/25 13:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145			03/04/25 09:47	03/04/25 13:07	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	290		19	mg/Kg		03/04/25 08:51	03/04/25 11:15	2
Motor Oil Range Organics [C28-C40]	ND	D	94	mg/Kg		03/04/25 08:51	03/04/25 11:15	2
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	101		62 - 134			03/04/25 08:51	03/04/25 11:15	2

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		59	mg/Kg		03/04/25 10:18	03/04/25 14:07	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

Client Sample ID: S-13

Lab Sample ID: 885-20755-13

Date Collected: 03/03/25 13:30

Matrix: Solid

Date Received: 03/04/25 07:15

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		03/04/25 09:47	03/04/25 13:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		35 - 166			03/04/25 09:47	03/04/25 13:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019	mg/Kg		03/04/25 09:47	03/04/25 13:32	1
Ethylbenzene	ND		0.038	mg/Kg		03/04/25 09:47	03/04/25 13:32	1
Toluene	ND		0.038	mg/Kg		03/04/25 09:47	03/04/25 13:32	1
Xylenes, Total	ND		0.077	mg/Kg		03/04/25 09:47	03/04/25 13:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		48 - 145			03/04/25 09:47	03/04/25 13:32	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		9.6	mg/Kg		03/04/25 08:51	03/04/25 11:39	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		03/04/25 08:51	03/04/25 11:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	87		62 - 134			03/04/25 08:51	03/04/25 11:39	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		03/04/25 10:18	03/04/25 14:17	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

Client Sample ID: S-14

Lab Sample ID: 885-20755-14

Date Collected: 03/03/25 13:45

Matrix: Solid

Date Received: 03/04/25 07:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.0	mg/Kg		03/04/25 09:47	03/04/25 13:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		35 - 166			03/04/25 09:47	03/04/25 13:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020	mg/Kg		03/04/25 09:47	03/04/25 13:56	1
Ethylbenzene	ND		0.040	mg/Kg		03/04/25 09:47	03/04/25 13:56	1
Toluene	ND		0.040	mg/Kg		03/04/25 09:47	03/04/25 13:56	1
Xylenes, Total	ND		0.079	mg/Kg		03/04/25 09:47	03/04/25 13:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		48 - 145			03/04/25 09:47	03/04/25 13:56	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]	120		20	mg/Kg		03/04/25 08:51	03/04/25 12:02	2
Motor Oil Range Organics [C28-C40]	ND	D	99	mg/Kg		03/04/25 08:51	03/04/25 12:02	2
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134			03/04/25 08:51	03/04/25 12:02	2

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		03/04/25 10:18	03/04/25 14:28	20

Eurofins Albuquerque

QC Sample Results

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

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

Lab Sample ID: MB 885-21797/1-A

Matrix: Solid

Analysis Batch: 21828

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21797

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		03/04/25 08:53	03/04/25 12:25	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		35 - 166			03/04/25 08:53	03/04/25 12:25	1

Lab Sample ID: LCS 885-21797/2-A

Matrix: Solid

Analysis Batch: 21828

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21797

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	24.9		mg/Kg		99	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	197		35 - 166				

Lab Sample ID: 885-20755-1 MS

Matrix: Solid

Analysis Batch: 21828

Client Sample ID: S-1

Prep Type: Total/NA

Prep Batch: 21797

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		18.8	17.5		mg/Kg		93	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	175		35 - 166						

Lab Sample ID: 885-20755-1 MSD

Matrix: Solid

Analysis Batch: 21828

Client Sample ID: S-1

Prep Type: Total/NA

Prep Batch: 21797

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		18.8	17.2		mg/Kg		92	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	176		35 - 166								

Lab Sample ID: MB 885-21798/1-A

Matrix: Solid

Analysis Batch: 21800

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21798

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		03/04/25 08:53	03/04/25 10:44	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		35 - 166			03/04/25 08:53	03/04/25 10:44	1

Eurofins Albuquerque

QC Sample Results

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

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

Lab Sample ID: LCS 885-21798/2-A

Matrix: Solid

Analysis Batch: 21800

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21798

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics [C6 - C10]			25.0	26.3		mg/Kg		105	70 - 130		
			LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	190		35 - 166								

Lab Sample ID: 885-20755-7 MS

Matrix: Solid

Analysis Batch: 21800

Client Sample ID: S-7

Prep Type: Total/NA

Prep Batch: 21798

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics [C6 - C10]	ND		18.9	21.4		mg/Kg		113	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
4-Bromofluorobenzene (Surr)	195		35 - 166								

Lab Sample ID: 885-20755-7 MSD

Matrix: Solid

Analysis Batch: 21800

Client Sample ID: S-7

Prep Type: Total/NA

Prep Batch: 21798

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		18.9	20.4		mg/Kg	-	108	70 - 130	5	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	195		35 - 166								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-21797/1-A

Matrix: Solid

Analysis Batch: 21829

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21797

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	ND		0.00050	mg/Kg		03/04/25 08:53	03/04/25 12:25	1
Ethylbenzene	ND		0.0010	mg/Kg		03/04/25 08:53	03/04/25 12:25	1
Toluene	ND		0.0010	mg/Kg		03/04/25 08:53	03/04/25 12:25	1
Xylenes, Total	ND		0.0020	mg/Kg		03/04/25 08:53	03/04/25 12:25	1
Surrogate	MB	MB	Limits			Prepared	Analyzed	Dil Fac
%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	99		48 - 145			03/04/25 08:53	03/04/25 12:25	1

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QC Sample Results

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

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

Lab Sample ID: LCS 885-21797/3-A

Matrix: Solid

Analysis Batch: 21829

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21797

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.873		mg/Kg		87	70 - 130
Ethylbenzene	1.00	0.874		mg/Kg		87	70 - 130
Toluene	1.00	0.884		mg/Kg		88	70 - 130
Xylenes, Total	3.00	2.64		mg/Kg		88	70 - 130

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

Lab Sample ID: 885-20755-2 MS

Matrix: Solid

Analysis Batch: 21829

Client Sample ID: S-2

Prep Type: Total/NA

Prep Batch: 21797

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.822	0.689		mg/Kg		84	70 - 130
Ethylbenzene	ND		0.822	0.697		mg/Kg		85	70 - 130
Toluene	ND		0.822	0.696		mg/Kg		85	70 - 130
Xylenes, Total	ND		2.47	2.10		mg/Kg		85	70 - 130

Surrogate	%Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	84		48 - 145

Lab Sample ID: 885-20755-2 MSD

Matrix: Solid

Analysis Batch: 21829

Client Sample ID: S-2

Prep Type: Total/NA

Prep Batch: 21797

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.822	0.687		mg/Kg		84	70 - 130	0	20
Ethylbenzene	ND		0.822	0.696		mg/Kg		85	70 - 130	0	20
Toluene	ND		0.822	0.687		mg/Kg		84	70 - 130	1	20
Xylenes, Total	ND		2.47	2.10		mg/Kg		85	70 - 130	0	20

Surrogate	%Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	83		48 - 145

Lab Sample ID: MB 885-21798/1-A

Matrix: Solid

Analysis Batch: 21801

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21798

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		03/04/25 08:53	03/04/25 10:44	1
Ethylbenzene	ND		0.050	mg/Kg		03/04/25 08:53	03/04/25 10:44	1
Toluene	ND		0.050	mg/Kg		03/04/25 08:53	03/04/25 10:44	1
Xylenes, Total	ND		0.10	mg/Kg		03/04/25 08:53	03/04/25 10:44	1

Surrogate	%Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		48 - 145	03/04/25 08:53	03/04/25 10:44	1

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QC Sample Results

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

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

Lab Sample ID: LCS 885-21798/3-A

Matrix: Solid

Analysis Batch: 21801

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21798

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	1.10		mg/Kg		110	70 - 130
Ethylbenzene	1.00	1.08		mg/Kg		108	70 - 130
Toluene	1.00	1.04		mg/Kg		104	70 - 130
Xylenes, Total	3.00	3.21		mg/Kg		107	70 - 130

	LCS %Recovery	LCS Qualifier	Limits
Surrogate			
4-Bromofluorobenzene (Surr)	102		48 - 145

Lab Sample ID: 885-20755-8 MS

Matrix: Solid

Analysis Batch: 21801

Client Sample ID: S-8

Prep Type: Total/NA

Prep Batch: 21798

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.702	0.721		mg/Kg		103	70 - 130
Ethylbenzene	ND		0.702	0.729		mg/Kg		104	70 - 130
Toluene	ND		0.702	0.706		mg/Kg		101	70 - 130
Xylenes, Total	ND		2.11	2.08		mg/Kg		99	70 - 130

	MS %Recovery	MS Qualifier	Limits
Surrogate			
4-Bromofluorobenzene (Surr)	101		48 - 145

Lab Sample ID: 885-20755-8 MSD

Matrix: Solid

Analysis Batch: 21801

Client Sample ID: S-8

Prep Type: Total/NA

Prep Batch: 21798

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.702	0.690		mg/Kg		98	70 - 130	4	20
Ethylbenzene	ND		0.702	0.714		mg/Kg		102	70 - 130	2	20
Toluene	ND		0.702	0.671		mg/Kg		96	70 - 130	5	20
Xylenes, Total	ND		2.11	2.02		mg/Kg		96	70 - 130	3	20

	MSD %Recovery	MSD Qualifier	Limits
Surrogate			
4-Bromofluorobenzene (Surr)	101		48 - 145

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

Lab Sample ID: MB 885-21796/1-A

Matrix: Solid

Analysis Batch: 21791

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21796

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		03/04/25 08:51	03/04/25 10:25	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		03/04/25 08:51	03/04/25 10:25	1

	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Surrogate						
Di-n-octyl phthalate (Surr)	100		62 - 134	03/04/25 08:51	03/04/25 10:25	1

Eurofins Albuquerque

QC Sample Results

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

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

Lab Sample ID: LCS 885-21796/2-A

Matrix: Solid

Analysis Batch: 21791

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21796

Analyte				Spike	LCS	LCS				%Rec
				Added	Result	Qualifier	Unit	D	%Rec	Limits
Diesel Range Organics [C10-C28]				50.0	50.5		mg/Kg		101	60 - 135
Surrogate	LCS		LCS							
	%Recovery	Qualifier	Limits							
Di-n-octyl phthalate (Surr)	83		62 - 134							

Lab Sample ID: 885-20755-1 MS

Matrix: Solid

Analysis Batch: 21791

Client Sample ID: S-1

Prep Type: Total/NA

Prep Batch: 21796

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier				Limits		
Diesel Range Organics [C10-C28]	83	F1	47.6	88.8	F1	mg/Kg		12	44 - 136		
Surrogate	MS	MS									
	%Recovery	Qualifier	Limits								
Di-n-octyl phthalate (Surr)	91		62 - 134								

Lab Sample ID: 885-20755-1 MSD

Matrix: Solid

Analysis Batch: 21791

Client Sample ID: S-1

Prep Type: Total/NA

Prep Batch: 21796

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Diesel Range Organics [C10-C28]	83	F1	48.1	88.4	F1	mg/Kg		12	44 - 136	0	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	90		62 - 134								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-21818/1-A

Matrix: Solid

Analysis Batch: 21826

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21818

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		03/04/25 10:18	03/04/25 11:32	1

Lab Sample ID: LCS 885-21818/2-A

Matrix: Solid

Analysis Batch: 21826

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21818

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	29.8		mg/Kg		99	90 - 110

Eurofins Albuquerque

QC Association Summary

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

GC VOA

Prep Batch: 21797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20755-1	S-1	Total/NA	Solid	5035	
885-20755-2	S-2	Total/NA	Solid	5035	
885-20755-3	S-3	Total/NA	Solid	5035	
885-20755-4	S-4	Total/NA	Solid	5035	
885-20755-5	S-5	Total/NA	Solid	5035	
885-20755-6	S-6	Total/NA	Solid	5035	
MB 885-21797/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-21797/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-21797/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-20755-1 MS	S-1	Total/NA	Solid	5035	
885-20755-1 MSD	S-1	Total/NA	Solid	5035	
885-20755-2 MS	S-2	Total/NA	Solid	5035	
885-20755-2 MSD	S-2	Total/NA	Solid	5035	

Prep Batch: 21798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20755-7	S-7	Total/NA	Solid	5035	
885-20755-8	S-8	Total/NA	Solid	5035	
885-20755-9	S-9	Total/NA	Solid	5035	
885-20755-10	S-10	Total/NA	Solid	5035	
885-20755-11	S-11	Total/NA	Solid	5035	
885-20755-12	S-12	Total/NA	Solid	5035	
885-20755-13	S-13	Total/NA	Solid	5035	
885-20755-14	S-14	Total/NA	Solid	5035	
MB 885-21798/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-21798/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-21798/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-20755-7 MS	S-7	Total/NA	Solid	5035	
885-20755-7 MSD	S-7	Total/NA	Solid	5035	
885-20755-8 MS	S-8	Total/NA	Solid	5035	
885-20755-8 MSD	S-8	Total/NA	Solid	5035	

Analysis Batch: 21800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20755-7	S-7	Total/NA	Solid	8015M/D	21798
885-20755-8	S-8	Total/NA	Solid	8015M/D	21798
885-20755-9	S-9	Total/NA	Solid	8015M/D	21798
885-20755-10	S-10	Total/NA	Solid	8015M/D	21798
885-20755-11	S-11	Total/NA	Solid	8015M/D	21798
885-20755-12	S-12	Total/NA	Solid	8015M/D	21798
885-20755-13	S-13	Total/NA	Solid	8015M/D	21798
885-20755-14	S-14	Total/NA	Solid	8015M/D	21798
MB 885-21798/1-A	Method Blank	Total/NA	Solid	8015M/D	21798
LCS 885-21798/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	21798
885-20755-7 MS	S-7	Total/NA	Solid	8015M/D	21798
885-20755-7 MSD	S-7	Total/NA	Solid	8015M/D	21798

Analysis Batch: 21801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20755-7	S-7	Total/NA	Solid	8021B	21798
885-20755-8	S-8	Total/NA	Solid	8021B	21798

Eurofins Albuquerque

QC Association Summary

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

GC VOA (Continued)

Analysis Batch: 21801 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20755-9	S-9	Total/NA	Solid	8021B	21798
885-20755-10	S-10	Total/NA	Solid	8021B	21798
885-20755-11	S-11	Total/NA	Solid	8021B	21798
885-20755-12	S-12	Total/NA	Solid	8021B	21798
885-20755-13	S-13	Total/NA	Solid	8021B	21798
885-20755-14	S-14	Total/NA	Solid	8021B	21798
MB 885-21798/1-A	Method Blank	Total/NA	Solid	8021B	21798
LCS 885-21798/3-A	Lab Control Sample	Total/NA	Solid	8021B	21798
885-20755-8 MS	S-8	Total/NA	Solid	8021B	21798
885-20755-8 MSD	S-8	Total/NA	Solid	8021B	21798

Analysis Batch: 21828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20755-1	S-1	Total/NA	Solid	8015M/D	21797
885-20755-2	S-2	Total/NA	Solid	8015M/D	21797
885-20755-3	S-3	Total/NA	Solid	8015M/D	21797
885-20755-4	S-4	Total/NA	Solid	8015M/D	21797
885-20755-5	S-5	Total/NA	Solid	8015M/D	21797
885-20755-6	S-6	Total/NA	Solid	8015M/D	21797
MB 885-21797/1-A	Method Blank	Total/NA	Solid	8015M/D	21797
LCS 885-21797/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	21797
885-20755-1 MS	S-1	Total/NA	Solid	8015M/D	21797
885-20755-1 MSD	S-1	Total/NA	Solid	8015M/D	21797

Analysis Batch: 21829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20755-1	S-1	Total/NA	Solid	8021B	21797
885-20755-2	S-2	Total/NA	Solid	8021B	21797
885-20755-3	S-3	Total/NA	Solid	8021B	21797
885-20755-4	S-4	Total/NA	Solid	8021B	21797
885-20755-5	S-5	Total/NA	Solid	8021B	21797
885-20755-6	S-6	Total/NA	Solid	8021B	21797
MB 885-21797/1-A	Method Blank	Total/NA	Solid	8021B	21797
LCS 885-21797/3-A	Lab Control Sample	Total/NA	Solid	8021B	21797
885-20755-2 MS	S-2	Total/NA	Solid	8021B	21797
885-20755-2 MSD	S-2	Total/NA	Solid	8021B	21797

GC Semi VOA

Analysis Batch: 21791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20755-1	S-1	Total/NA	Solid	8015M/D	21796
885-20755-2	S-2	Total/NA	Solid	8015M/D	21796
885-20755-3	S-3	Total/NA	Solid	8015M/D	21796
885-20755-4	S-4	Total/NA	Solid	8015M/D	21796
885-20755-5	S-5	Total/NA	Solid	8015M/D	21796
885-20755-6	S-6	Total/NA	Solid	8015M/D	21796
885-20755-7	S-7	Total/NA	Solid	8015M/D	21796
885-20755-8	S-8	Total/NA	Solid	8015M/D	21796
885-20755-9	S-9	Total/NA	Solid	8015M/D	21796
885-20755-10	S-10	Total/NA	Solid	8015M/D	21796

Eurofins Albuquerque

QC Association Summary

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

GC Semi VOA (Continued)

Analysis Batch: 21791 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-21796/1-A	Method Blank	Total/NA	Solid	8015M/D	21796
LCS 885-21796/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	21796
885-20755-1 MS	S-1	Total/NA	Solid	8015M/D	21796
885-20755-1 MSD	S-1	Total/NA	Solid	8015M/D	21796

Prep Batch: 21796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20755-1	S-1	Total/NA	Solid	SHAKE	
885-20755-2	S-2	Total/NA	Solid	SHAKE	
885-20755-3	S-3	Total/NA	Solid	SHAKE	
885-20755-4	S-4	Total/NA	Solid	SHAKE	
885-20755-5	S-5	Total/NA	Solid	SHAKE	
885-20755-6	S-6	Total/NA	Solid	SHAKE	
885-20755-7	S-7	Total/NA	Solid	SHAKE	
885-20755-8	S-8	Total/NA	Solid	SHAKE	
885-20755-9	S-9	Total/NA	Solid	SHAKE	
885-20755-10	S-10	Total/NA	Solid	SHAKE	
885-20755-11	S-11	Total/NA	Solid	SHAKE	
885-20755-12	S-12	Total/NA	Solid	SHAKE	
885-20755-13	S-13	Total/NA	Solid	SHAKE	
885-20755-14	S-14	Total/NA	Solid	SHAKE	
MB 885-21796/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-21796/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-20755-1 MS	S-1	Total/NA	Solid	SHAKE	
885-20755-1 MSD	S-1	Total/NA	Solid	SHAKE	

Analysis Batch: 21819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20755-11	S-11	Total/NA	Solid	8015M/D	21796
885-20755-12	S-12	Total/NA	Solid	8015M/D	21796
885-20755-13	S-13	Total/NA	Solid	8015M/D	21796
885-20755-14	S-14	Total/NA	Solid	8015M/D	21796

HPLC/IC

Prep Batch: 21818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20755-1	S-1	Total/NA	Solid	300_Prep	
885-20755-2	S-2	Total/NA	Solid	300_Prep	
885-20755-3	S-3	Total/NA	Solid	300_Prep	
885-20755-4	S-4	Total/NA	Solid	300_Prep	
885-20755-5	S-5	Total/NA	Solid	300_Prep	
885-20755-6	S-6	Total/NA	Solid	300_Prep	
885-20755-7	S-7	Total/NA	Solid	300_Prep	
885-20755-8	S-8	Total/NA	Solid	300_Prep	
885-20755-9	S-9	Total/NA	Solid	300_Prep	
885-20755-10	S-10	Total/NA	Solid	300_Prep	
885-20755-11	S-11	Total/NA	Solid	300_Prep	
885-20755-12	S-12	Total/NA	Solid	300_Prep	
885-20755-13	S-13	Total/NA	Solid	300_Prep	
885-20755-14	S-14	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

QC Association Summary

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

HPLC/IC (Continued)

Prep Batch: 21818 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-21818/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-21818/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 21826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20755-1	S-1	Total/NA	Solid	300.0	21818
885-20755-2	S-2	Total/NA	Solid	300.0	21818
885-20755-3	S-3	Total/NA	Solid	300.0	21818
885-20755-4	S-4	Total/NA	Solid	300.0	21818
885-20755-5	S-5	Total/NA	Solid	300.0	21818
885-20755-6	S-6	Total/NA	Solid	300.0	21818
885-20755-7	S-7	Total/NA	Solid	300.0	21818
885-20755-8	S-8	Total/NA	Solid	300.0	21818
885-20755-9	S-9	Total/NA	Solid	300.0	21818
885-20755-10	S-10	Total/NA	Solid	300.0	21818
885-20755-11	S-11	Total/NA	Solid	300.0	21818
885-20755-12	S-12	Total/NA	Solid	300.0	21818
885-20755-13	S-13	Total/NA	Solid	300.0	21818
885-20755-14	S-14	Total/NA	Solid	300.0	21818
MB 885-21818/1-A	Method Blank	Total/NA	Solid	300.0	21818
LCS 885-21818/2-A	Lab Control Sample	Total/NA	Solid	300.0	21818

Lab Chronicle

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

Client Sample ID: S-1

Lab Sample ID: 885-20755-1

Date Collected: 03/03/25 09:30

Matrix: Solid

Date Received: 03/04/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21797	AT	EET ALB	03/04/25 08:53
Total/NA	Analysis	8015M/D		1	21828	AT	EET ALB	03/04/25 12:47
Total/NA	Prep	5035			21797	AT	EET ALB	03/04/25 08:53
Total/NA	Analysis	8021B		1	21829	AT	EET ALB	03/04/25 12:47
Total/NA	Prep	SHAKE			21796	MI	EET ALB	03/04/25 08:51
Total/NA	Analysis	8015M/D		1	21791	MI	EET ALB	03/04/25 10:46
Total/NA	Prep	300_Prep			21818	DL	EET ALB	03/04/25 10:18
Total/NA	Analysis	300.0		20	21826	DL	EET ALB	03/04/25 11:52

Client Sample ID: S-2

Lab Sample ID: 885-20755-2

Date Collected: 03/03/25 09:45

Matrix: Solid

Date Received: 03/04/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21797	AT	EET ALB	03/04/25 09:42
Total/NA	Analysis	8015M/D		1	21828	AT	EET ALB	03/04/25 13:09
Total/NA	Prep	5035			21797	AT	EET ALB	03/04/25 09:42
Total/NA	Analysis	8021B		1	21829	AT	EET ALB	03/04/25 13:09
Total/NA	Prep	SHAKE			21796	MI	EET ALB	03/04/25 08:51
Total/NA	Analysis	8015M/D		1	21791	MI	EET ALB	03/04/25 11:18
Total/NA	Prep	300_Prep			21818	DL	EET ALB	03/04/25 10:18
Total/NA	Analysis	300.0		20	21826	DL	EET ALB	03/04/25 12:03

Client Sample ID: S-3

Lab Sample ID: 885-20755-3

Date Collected: 03/03/25 10:00

Matrix: Solid

Date Received: 03/04/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21797	AT	EET ALB	03/04/25 09:42
Total/NA	Analysis	8015M/D		1	21828	AT	EET ALB	03/04/25 13:31
Total/NA	Prep	5035			21797	AT	EET ALB	03/04/25 09:42
Total/NA	Analysis	8021B		1	21829	AT	EET ALB	03/04/25 13:31
Total/NA	Prep	SHAKE			21796	MI	EET ALB	03/04/25 08:51
Total/NA	Analysis	8015M/D		1	21791	MI	EET ALB	03/04/25 11:28
Total/NA	Prep	300_Prep			21818	DL	EET ALB	03/04/25 10:18
Total/NA	Analysis	300.0		20	21826	DL	EET ALB	03/04/25 12:13

Client Sample ID: S-4

Lab Sample ID: 885-20755-4

Date Collected: 03/03/25 10:15

Matrix: Solid

Date Received: 03/04/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21797	AT	EET ALB	03/04/25 09:42
Total/NA	Analysis	8015M/D		1	21828	AT	EET ALB	03/04/25 13:53

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Lab Chronicle

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

Client Sample ID: S-4
Date Collected: 03/03/25 10:15
Date Received: 03/04/25 07:15

Lab Sample ID: 885-20755-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21797	AT	EET ALB	03/04/25 09:42
Total/NA	Analysis	8021B		1	21829	AT	EET ALB	03/04/25 13:53
Total/NA	Prep	SHAKE			21796	MI	EET ALB	03/04/25 08:51
Total/NA	Analysis	8015M/D		1	21791	MI	EET ALB	03/04/25 11:39
Total/NA	Prep	300_Prep			21818	DL	EET ALB	03/04/25 10:18
Total/NA	Analysis	300.0		20	21826	DL	EET ALB	03/04/25 12:23

Client Sample ID: S-5
Date Collected: 03/03/25 10:45
Date Received: 03/04/25 07:15

Lab Sample ID: 885-20755-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21797	AT	EET ALB	03/04/25 09:42
Total/NA	Analysis	8015M/D		1	21828	AT	EET ALB	03/04/25 14:15
Total/NA	Prep	5035			21797	AT	EET ALB	03/04/25 09:42
Total/NA	Analysis	8021B		1	21829	AT	EET ALB	03/04/25 14:15
Total/NA	Prep	SHAKE			21796	MI	EET ALB	03/04/25 08:51
Total/NA	Analysis	8015M/D		1	21791	MI	EET ALB	03/04/25 11:49
Total/NA	Prep	300_Prep			21818	DL	EET ALB	03/04/25 10:18
Total/NA	Analysis	300.0		20	21826	DL	EET ALB	03/04/25 12:34

Client Sample ID: S-6
Date Collected: 03/03/25 11:15
Date Received: 03/04/25 07:15

Lab Sample ID: 885-20755-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21797	AT	EET ALB	03/04/25 09:42
Total/NA	Analysis	8015M/D		1	21828	AT	EET ALB	03/04/25 14:37
Total/NA	Prep	5035			21797	AT	EET ALB	03/04/25 09:42
Total/NA	Analysis	8021B		1	21829	AT	EET ALB	03/04/25 14:37
Total/NA	Prep	SHAKE			21796	MI	EET ALB	03/04/25 08:51
Total/NA	Analysis	8015M/D		1	21791	MI	EET ALB	03/04/25 12:00
Total/NA	Prep	300_Prep			21818	DL	EET ALB	03/04/25 10:18
Total/NA	Analysis	300.0		20	21826	DL	EET ALB	03/04/25 12:44

Client Sample ID: S-7
Date Collected: 03/03/25 11:30
Date Received: 03/04/25 07:15

Lab Sample ID: 885-20755-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21798	AT	EET ALB	03/04/25 08:53
Total/NA	Analysis	8015M/D		1	21800	JP	EET ALB	03/04/25 11:08
Total/NA	Prep	5035			21798	AT	EET ALB	03/04/25 08:53
Total/NA	Analysis	8021B		1	21801	JP	EET ALB	03/04/25 11:08

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Lab Chronicle

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

Client Sample ID: S-7

Lab Sample ID: 885-20755-7

Date Collected: 03/03/25 11:30

Matrix: Solid

Date Received: 03/04/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			21796	MI	EET ALB	03/04/25 08:51
Total/NA	Analysis	8015M/D		1	21791	MI	EET ALB	03/04/25 12:11
Total/NA	Prep	300_Prep			21818	DL	EET ALB	03/04/25 10:18
Total/NA	Analysis	300.0		20	21826	DL	EET ALB	03/04/25 12:54

Client Sample ID: S-8

Lab Sample ID: 885-20755-8

Date Collected: 03/03/25 11:45

Matrix: Solid

Date Received: 03/04/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21798	AT	EET ALB	03/04/25 09:47
Total/NA	Analysis	8015M/D		1	21800	JP	EET ALB	03/04/25 11:32
Total/NA	Prep	5035			21798	AT	EET ALB	03/04/25 09:47
Total/NA	Analysis	8021B		1	21801	JP	EET ALB	03/04/25 11:32
Total/NA	Prep	SHAKE			21796	MI	EET ALB	03/04/25 08:51
Total/NA	Analysis	8015M/D		1	21791	MI	EET ALB	03/04/25 12:21
Total/NA	Prep	300_Prep			21818	DL	EET ALB	03/04/25 10:18
Total/NA	Analysis	300.0		20	21826	DL	EET ALB	03/04/25 13:05

Client Sample ID: S-9

Lab Sample ID: 885-20755-9

Date Collected: 03/03/25 12:00

Matrix: Solid

Date Received: 03/04/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21798	AT	EET ALB	03/04/25 09:47
Total/NA	Analysis	8015M/D		1	21800	JP	EET ALB	03/04/25 11:56
Total/NA	Prep	5035			21798	AT	EET ALB	03/04/25 09:47
Total/NA	Analysis	8021B		1	21801	JP	EET ALB	03/04/25 11:56
Total/NA	Prep	SHAKE			21796	MI	EET ALB	03/04/25 08:51
Total/NA	Analysis	8015M/D		1	21791	MI	EET ALB	03/04/25 12:32
Total/NA	Prep	300_Prep			21818	DL	EET ALB	03/04/25 10:18
Total/NA	Analysis	300.0		20	21826	DL	EET ALB	03/04/25 13:36

Client Sample ID: S-10

Lab Sample ID: 885-20755-10

Date Collected: 03/03/25 12:15

Matrix: Solid

Date Received: 03/04/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21798	AT	EET ALB	03/04/25 09:47
Total/NA	Analysis	8015M/D		1	21800	JP	EET ALB	03/04/25 12:19
Total/NA	Prep	5035			21798	AT	EET ALB	03/04/25 09:47
Total/NA	Analysis	8021B		1	21801	JP	EET ALB	03/04/25 12:19
Total/NA	Prep	SHAKE			21796	MI	EET ALB	03/04/25 08:51
Total/NA	Analysis	8015M/D		1	21791	MI	EET ALB	03/04/25 12:43

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Lab Chronicle

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

Client Sample ID: S-10
Date Collected: 03/03/25 12:15
Date Received: 03/04/25 07:15

Lab Sample ID: 885-20755-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			21818	DL	EET ALB	03/04/25 10:18
Total/NA	Analysis	300.0		20	21826	DL	EET ALB	03/04/25 13:46

Client Sample ID: S-11
Date Collected: 03/03/25 12:30
Date Received: 03/04/25 07:15

Lab Sample ID: 885-20755-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21798	AT	EET ALB	03/04/25 09:47
Total/NA	Analysis	8015M/D		1	21800	JP	EET ALB	03/04/25 12:43
Total/NA	Prep	5035			21798	AT	EET ALB	03/04/25 09:47
Total/NA	Analysis	8021B		1	21801	JP	EET ALB	03/04/25 12:43
Total/NA	Prep	SHAKE			21796	MI	EET ALB	03/04/25 08:51
Total/NA	Analysis	8015M/D		1	21819	MI	EET ALB	03/04/25 10:52
Total/NA	Prep	300_Prep			21818	DL	EET ALB	03/04/25 10:18
Total/NA	Analysis	300.0		20	21826	DL	EET ALB	03/04/25 13:57

Client Sample ID: S-12
Date Collected: 03/03/25 13:15
Date Received: 03/04/25 07:15

Lab Sample ID: 885-20755-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21798	AT	EET ALB	03/04/25 09:47
Total/NA	Analysis	8015M/D		1	21800	JP	EET ALB	03/04/25 13:07
Total/NA	Prep	5035			21798	AT	EET ALB	03/04/25 09:47
Total/NA	Analysis	8021B		1	21801	JP	EET ALB	03/04/25 13:07
Total/NA	Prep	SHAKE			21796	MI	EET ALB	03/04/25 08:51
Total/NA	Analysis	8015M/D		2	21819	MI	EET ALB	03/04/25 11:15
Total/NA	Prep	300_Prep			21818	DL	EET ALB	03/04/25 10:18
Total/NA	Analysis	300.0		20	21826	DL	EET ALB	03/04/25 14:07

Client Sample ID: S-13
Date Collected: 03/03/25 13:30
Date Received: 03/04/25 07:15

Lab Sample ID: 885-20755-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21798	AT	EET ALB	03/04/25 09:47
Total/NA	Analysis	8015M/D		1	21800	JP	EET ALB	03/04/25 13:32
Total/NA	Prep	5035			21798	AT	EET ALB	03/04/25 09:47
Total/NA	Analysis	8021B		1	21801	JP	EET ALB	03/04/25 13:32
Total/NA	Prep	SHAKE			21796	MI	EET ALB	03/04/25 08:51
Total/NA	Analysis	8015M/D		1	21819	MI	EET ALB	03/04/25 11:39
Total/NA	Prep	300_Prep			21818	DL	EET ALB	03/04/25 10:18
Total/NA	Analysis	300.0		20	21826	DL	EET ALB	03/04/25 14:17

Lab Chronicle

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

Client Sample ID: S-14
Date Collected: 03/03/25 13:45
Date Received: 03/04/25 07:15

Lab Sample ID: 885-20755-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			21798	AT	EET ALB	03/04/25 09:47
Total/NA	Analysis	8015M/D		1	21800	JP	EET ALB	03/04/25 13:56
Total/NA	Prep	5035			21798	AT	EET ALB	03/04/25 09:47
Total/NA	Analysis	8021B		1	21801	JP	EET ALB	03/04/25 13:56
Total/NA	Prep	SHAKE			21796	MI	EET ALB	03/04/25 08:51
Total/NA	Analysis	8015M/D		2	21819	MI	EET ALB	03/04/25 12:02
Total/NA	Prep	300_Prep			21818	DL	EET ALB	03/04/25 10:18
Total/NA	Analysis	300.0		20	21826	DL	EET ALB	03/04/25 14:28

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

Accreditation/Certification Summary

Client: Ensolum
Project/Site: Chaco Amine Spill

Job ID: 885-20755-1

Laboratory: Eurofins Albuquerque

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arizona	State	AZ0682	10-21-25
Texas	NELAP	T104704424-23-16	06-01-25

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Chain-of-Custody Record

Client: Ensolum, LLCMailing Address: 606 S Rio Grande, Suite AAshe, NM 87410

Phone #:

email or Fax#: ksummers@ensolum.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other _____☐ EDD (Type) _____

Turn-Around Time:

☐ Standard☒ Rush 100% Same Day

Project Name:

Chaco Amine Spill

Project #:

SEE NOTES

Project Manager:

K. Summers

Sampler:

L. DanielliOn Ice: ☒ Yes ☐ No yes# of Coolers: 1Cooler Temp (including CF): 0.1 ± 0.1 (°C)

Container Type and #

Preservative Type

HEAL No.

Date Time Matrix Sample Name

3/2/25 13:30 S S-133/2/25 13:45 S S-141x 4oz jar Cool1x 4oz jar Cool

BTEX / MTBE / TMB's (8021)

TPH:8015D(GRO / DRO / MRO)

8081 Pesticides/8082 PCB's

EDB (Method 504.1)

PAHs by 8310 or 8270SIMS

RCRA 8 Metals

Cl, F, Br, NO₃, NO₂, PO₄, SO₄

8260 (VOA)

8270 (Semi-VOA)

Total Coliform (Present/Absent)

Date: Time: Relinquished by:

3/2/25 1539 [Signature]

Received by: Via: Date Time

[Signature] 3/3/25 1539

Date: Time: Relinquished by:

3/3/25 1830 [Signature]

Received by: Via: Date Time

[Signature] 3/4/25 7:15

Remarks:

PM Tom LongSame Day

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

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 885-20755-1

Login Number: 20755

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

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



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 3/18/2025 7:23:34 PM

JOB DESCRIPTION

Chaco Plant Amine

JOB NUMBER

885-21545-1

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
3/18/2025 7:23:34 PM

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

Client: Ensolum
Project/Site: Chaco Plant Amine

Laboratory Job ID: 885-21545-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	15
QC Association Summary	19
Lab Chronicle	22
Certification Summary	25
Chain of Custody	26
Receipt Checklists	27



Definitions/Glossary

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21545-1

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: Chaco Plant Amine

Job ID: 885-21545-1

Job ID: 885-21545-1

Eurofins Albuquerque

Job Narrative 885-21545-1

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 3/15/2025 7:05 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.0°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: Chaco Plant Amine

Job ID: 885-21545-1

Client Sample ID: S-15

Lab Sample ID: 885-21545-1

Date Collected: 03/14/25 10:00

Matrix: Solid

Date Received: 03/15/25 07:05

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		3.3	mg/Kg		03/17/25 09:31	03/17/25 11:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		35 - 166			03/17/25 09:31	03/17/25 11:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.017	mg/Kg		03/17/25 09:31	03/17/25 11:23	1
Ethylbenzene	ND		0.033	mg/Kg		03/17/25 09:31	03/17/25 11:23	1
Toluene	ND		0.033	mg/Kg		03/17/25 09:31	03/17/25 11:23	1
Xylenes, Total	ND		0.066	mg/Kg		03/17/25 09:31	03/17/25 11:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145			03/17/25 09:31	03/17/25 11:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		03/17/25 08:34	03/17/25 10:18	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		03/17/25 08:34	03/17/25 10:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			03/17/25 08:34	03/17/25 10:18	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		03/17/25 09:07	03/17/25 11:18	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21545-1

Client Sample ID: S-16 Lab Sample ID: 885-21545-2
Date Collected: 03/14/25 10:05 Matrix: Solid
Date Received: 03/15/25 07:05

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics [C6 - C10]	ND		4.2	mg/Kg		03/17/25 09:31	03/17/25 11:45	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	88		35 - 166			03/17/25 09:31	03/17/25 11:45	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.021	mg/Kg		03/17/25 09:31	03/17/25 11:45	1	
Ethylbenzene	ND		0.042	mg/Kg		03/17/25 09:31	03/17/25 11:45	1	
Toluene	ND		0.042	mg/Kg		03/17/25 09:31	03/17/25 11:45	1	
Xylenes, Total	ND		0.085	mg/Kg		03/17/25 09:31	03/17/25 11:45	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	88		48 - 145			03/17/25 09:31	03/17/25 11:45	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		03/17/25 08:34	03/17/25 10:29	1	
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		03/17/25 08:34	03/17/25 10:29	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	99		62 - 134			03/17/25 08:34	03/17/25 10:29	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		60	mg/Kg		03/17/25 09:07	03/17/25 11:28	20	

Client Sample Results

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21545-1

Client Sample ID: S-17

Lab Sample ID: 885-21545-3

Date Collected: 03/14/25 10:10

Matrix: Solid

Date Received: 03/15/25 07:05

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		03/17/25 09:31	03/17/25 12:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		35 - 166			03/17/25 09:31	03/17/25 12:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019	mg/Kg		03/17/25 09:31	03/17/25 12:06	1
Ethylbenzene	ND		0.039	mg/Kg		03/17/25 09:31	03/17/25 12:06	1
Toluene	ND		0.039	mg/Kg		03/17/25 09:31	03/17/25 12:06	1
Xylenes, Total	ND		0.077	mg/Kg		03/17/25 09:31	03/17/25 12:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		48 - 145			03/17/25 09:31	03/17/25 12:06	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]	210		9.5	mg/Kg		03/17/25 08:34	03/17/25 10:39	1
Motor Oil Range Organics [C28-C40]	270		47	mg/Kg		03/17/25 08:34	03/17/25 10:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	105		62 - 134			03/17/25 08:34	03/17/25 10:39	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		03/17/25 09:07	03/17/25 11:38	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21545-1

Client Sample ID: S-18

Lab Sample ID: 885-21545-4

Date Collected: 03/14/25 10:15

Matrix: Solid

Date Received: 03/15/25 07:05

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		03/17/25 09:31	03/17/25 12:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		35 - 166			03/17/25 09:31	03/17/25 12:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		03/17/25 09:31	03/17/25 12:28	1
Ethylbenzene	ND		0.036	mg/Kg		03/17/25 09:31	03/17/25 12:28	1
Toluene	ND		0.036	mg/Kg		03/17/25 09:31	03/17/25 12:28	1
Xylenes, Total	ND		0.073	mg/Kg		03/17/25 09:31	03/17/25 12:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		48 - 145			03/17/25 09:31	03/17/25 12:28	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		03/17/25 08:34	03/17/25 10:50	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		03/17/25 08:34	03/17/25 10:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			03/17/25 08:34	03/17/25 10:50	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		03/17/25 09:07	03/17/25 11:49	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21545-1

Client Sample ID: S-19

Lab Sample ID: 885-21545-5

Date Collected: 03/14/25 10:20

Matrix: Solid

Date Received: 03/15/25 07:05

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.2	mg/Kg		03/17/25 09:31	03/17/25 12:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		35 - 166			03/17/25 09:31	03/17/25 12:50	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021	mg/Kg		03/17/25 09:31	03/17/25 12:50	1
Ethylbenzene	ND		0.042	mg/Kg		03/17/25 09:31	03/17/25 12:50	1
Toluene	ND		0.042	mg/Kg		03/17/25 09:31	03/17/25 12:50	1
Xylenes, Total	ND		0.084	mg/Kg		03/17/25 09:31	03/17/25 12:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		48 - 145			03/17/25 09:31	03/17/25 12:50	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		03/17/25 08:34	03/17/25 11:01	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		03/17/25 08:34	03/17/25 11:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			03/17/25 08:34	03/17/25 11:01	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		03/17/25 09:07	03/17/25 11:59	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21545-1

Client Sample ID: S-20

Lab Sample ID: 885-21545-6

Date Collected: 03/14/25 10:25

Matrix: Solid

Date Received: 03/15/25 07:05

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.0	mg/Kg		03/17/25 09:31	03/17/25 13:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		35 - 166			03/17/25 09:31	03/17/25 13:11	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020	mg/Kg		03/17/25 09:31	03/17/25 13:11	1
Ethylbenzene	ND		0.040	mg/Kg		03/17/25 09:31	03/17/25 13:11	1
Toluene	ND		0.040	mg/Kg		03/17/25 09:31	03/17/25 13:11	1
Xylenes, Total	ND		0.080	mg/Kg		03/17/25 09:31	03/17/25 13:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		48 - 145			03/17/25 09:31	03/17/25 13:11	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		03/17/25 08:34	03/17/25 11:11	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		03/17/25 08:34	03/17/25 11:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	101		62 - 134			03/17/25 08:34	03/17/25 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		03/17/25 09:07	03/17/25 12:09	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21545-1

Client Sample ID: S-21 Lab Sample ID: 885-21545-7
Date Collected: 03/14/25 10:30 Matrix: Solid
Date Received: 03/15/25 07:05

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		03/17/25 09:31	03/17/25 13:33	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	88		35 - 166			03/17/25 09:31	03/17/25 13:33	1	

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.019	mg/Kg		03/17/25 09:31	03/17/25 13:33	1	
Ethylbenzene	ND		0.038	mg/Kg		03/17/25 09:31	03/17/25 13:33	1	
Toluene	ND		0.038	mg/Kg		03/17/25 09:31	03/17/25 13:33	1	
Xylenes, Total	ND		0.077	mg/Kg		03/17/25 09:31	03/17/25 13:33	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	84		48 - 145			03/17/25 09:31	03/17/25 13:33	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		03/17/25 08:34	03/17/25 11:22	1	
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		03/17/25 08:34	03/17/25 11:22	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	98		62 - 134			03/17/25 08:34	03/17/25 11:22	1	

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		60	mg/Kg		03/17/25 09:07	03/17/25 12:40	20	

Client Sample Results

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21545-1

Client Sample ID: S-22

Lab Sample ID: 885-21545-8

Date Collected: 03/14/25 10:35

Matrix: Solid

Date Received: 03/15/25 07:05

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		03/17/25 09:31	03/17/25 13:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		35 - 166			03/17/25 09:31	03/17/25 13:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019	mg/Kg		03/17/25 09:31	03/17/25 13:55	1
Ethylbenzene	ND		0.039	mg/Kg		03/17/25 09:31	03/17/25 13:55	1
Toluene	ND		0.039	mg/Kg		03/17/25 09:31	03/17/25 13:55	1
Xylenes, Total	ND		0.077	mg/Kg		03/17/25 09:31	03/17/25 13:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		48 - 145			03/17/25 09:31	03/17/25 13:55	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		03/17/25 08:34	03/17/25 11:32	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		03/17/25 08:34	03/17/25 11:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			03/17/25 08:34	03/17/25 11:32	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		03/17/25 09:07	03/17/25 12:51	20

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Client Sample Results

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21545-1

Client Sample ID: S-23

Lab Sample ID: 885-21545-9

Date Collected: 03/14/25 10:40

Matrix: Solid

Date Received: 03/15/25 07:05

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		4.6	mg/Kg		03/17/25 09:33	03/17/25 14:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		35 - 166			03/17/25 09:33	03/17/25 14:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		03/17/25 09:33	03/17/25 14:17	1
Ethylbenzene	ND		0.046	mg/Kg		03/17/25 09:33	03/17/25 14:17	1
Toluene	ND		0.046	mg/Kg		03/17/25 09:33	03/17/25 14:17	1
Xylenes, Total	ND		0.093	mg/Kg		03/17/25 09:33	03/17/25 14:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		48 - 145			03/17/25 09:33	03/17/25 14:17	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		03/17/25 08:34	03/17/25 11:43	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		03/17/25 08:34	03/17/25 11:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	104		62 - 134			03/17/25 08:34	03/17/25 11:43	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		03/17/25 09:07	03/17/25 13:01	20

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QC Sample Results

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21545-1

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

Lab Sample ID: MB 885-22574/1-A

Matrix: Solid

Analysis Batch: 22566

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22574

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		03/17/25 09:31	03/17/25 11:01	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		35 - 166			03/17/25 09:31	03/17/25 11:01	1

Lab Sample ID: LCS 885-22574/2-A

Matrix: Solid

Analysis Batch: 22566

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22574

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	23.2		mg/Kg		93	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	196		35 - 166				

Lab Sample ID: 885-21545-1 MS

Matrix: Solid

Analysis Batch: 22566

Client Sample ID: S-15

Prep Type: Total/NA

Prep Batch: 22574

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		16.5	13.9		mg/Kg		75	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	176		35 - 166						

Lab Sample ID: 885-21545-1 MSD

Matrix: Solid

Analysis Batch: 22566

Client Sample ID: S-15

Prep Type: Total/NA

Prep Batch: 22574

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		16.5	14.5		mg/Kg		79	70 - 130	5	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	168		35 - 166								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-22574/1-A

Matrix: Solid

Analysis Batch: 22567

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22574

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		03/17/25 09:31	03/17/25 11:01	1
Ethylbenzene	ND		0.050	mg/Kg		03/17/25 09:31	03/17/25 11:01	1
Toluene	ND		0.050	mg/Kg		03/17/25 09:31	03/17/25 11:01	1

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QC Sample Results

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21545-1

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

Lab Sample ID: MB 885-22574/1-A

Matrix: Solid

Analysis Batch: 22567

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22574

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10	mg/Kg		03/17/25 09:31	03/17/25 11:01	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		48 - 145			03/17/25 09:31	03/17/25 11:01	1

Lab Sample ID: LCS 885-22574/3-A

Matrix: Solid

Analysis Batch: 22567

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22574

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.866		mg/Kg		87	70 - 130
Ethylbenzene	1.00	0.899		mg/Kg		90	70 - 130
Toluene	1.00	0.878		mg/Kg		88	70 - 130
Xylenes, Total	3.00	2.64		mg/Kg		88	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	91		48 - 145				

Lab Sample ID: 885-21545-2 MS

Matrix: Solid

Analysis Batch: 22567

Client Sample ID: S-16

Prep Type: Total/NA

Prep Batch: 22574

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.846	0.729		mg/Kg		86	70 - 130
Ethylbenzene	ND		0.846	0.743		mg/Kg		88	70 - 130
Toluene	ND		0.846	0.738		mg/Kg		87	70 - 130
Xylenes, Total	ND		2.54	2.21		mg/Kg		87	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	84		48 - 145						

Lab Sample ID: 885-21545-2 MSD

Matrix: Solid

Analysis Batch: 22567

Client Sample ID: S-16

Prep Type: Total/NA

Prep Batch: 22574

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.846	0.725		mg/Kg		86	70 - 130	1	20
Ethylbenzene	ND		0.846	0.745		mg/Kg		88	70 - 130	0	20
Toluene	ND		0.846	0.736		mg/Kg		87	70 - 130	0	20
Xylenes, Total	ND		2.54	2.22		mg/Kg		87	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	86		48 - 145								

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QC Sample Results

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21545-1

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

Lab Sample ID: MB 885-22565/1-A

Matrix: Solid

Analysis Batch: 22562

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22565

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		03/17/25 08:34	03/17/25 09:57	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		03/17/25 08:34	03/17/25 09:57	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			03/17/25 08:34	03/17/25 09:57	1

Lab Sample ID: LCS 885-22565/2-A

Matrix: Solid

Analysis Batch: 22562

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22565

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	47.1		mg/Kg		94	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	74		62 - 134				

Lab Sample ID: 885-21545-9 MS

Matrix: Solid

Analysis Batch: 22562

Client Sample ID: S-23

Prep Type: Total/NA

Prep Batch: 22565

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		46.3	49.1		mg/Kg		106	44 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	92		62 - 134						

Lab Sample ID: 885-21545-9 MSD

Matrix: Solid

Analysis Batch: 22562

Client Sample ID: S-23

Prep Type: Total/NA

Prep Batch: 22565

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		46.6	49.0		mg/Kg		105	44 - 136	0	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 885-22568/1-A

Matrix: Solid

Analysis Batch: 22576

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22568

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5	mg/Kg		03/17/25 08:51	03/17/25 10:36	1

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QC Sample Results

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21545-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-22568/3-A				Client Sample ID: Lab Control Sample			
Matrix: Solid				Prep Type: Total/NA			
Analysis Batch: 22576				Prep Batch: 22568			
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	15.0	14.6		mg/Kg		97	90 - 110

Lab Sample ID: LLCS 885-22568/2-A				Client Sample ID: Lab Control Sample			
Matrix: Solid				Prep Type: Total/NA			
Analysis Batch: 22576				Prep Batch: 22568			
Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.50	1.55		mg/Kg		104	50 - 150

Lab Sample ID: MRL 885-22576/42				Client Sample ID: Lab Control Sample			
Matrix: Solid				Prep Type: Total/NA			
Analysis Batch: 22576							
Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.521		mg/L		104	50 - 150

QC Association Summary

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21545-1

GC VOA

Analysis Batch: 22566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-21545-1	S-15	Total/NA	Solid	8015M/D	22574
885-21545-2	S-16	Total/NA	Solid	8015M/D	22574
885-21545-3	S-17	Total/NA	Solid	8015M/D	22574
885-21545-4	S-18	Total/NA	Solid	8015M/D	22574
885-21545-5	S-19	Total/NA	Solid	8015M/D	22574
885-21545-6	S-20	Total/NA	Solid	8015M/D	22574
885-21545-7	S-21	Total/NA	Solid	8015M/D	22574
885-21545-8	S-22	Total/NA	Solid	8015M/D	22574
885-21545-9	S-23	Total/NA	Solid	8015M/D	22574
MB 885-22574/1-A	Method Blank	Total/NA	Solid	8015M/D	22574
LCS 885-22574/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	22574
885-21545-1 MS	S-15	Total/NA	Solid	8015M/D	22574
885-21545-1 MSD	S-15	Total/NA	Solid	8015M/D	22574

Analysis Batch: 22567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-21545-1	S-15	Total/NA	Solid	8021B	22574
885-21545-2	S-16	Total/NA	Solid	8021B	22574
885-21545-3	S-17	Total/NA	Solid	8021B	22574
885-21545-4	S-18	Total/NA	Solid	8021B	22574
885-21545-5	S-19	Total/NA	Solid	8021B	22574
885-21545-6	S-20	Total/NA	Solid	8021B	22574
885-21545-7	S-21	Total/NA	Solid	8021B	22574
885-21545-8	S-22	Total/NA	Solid	8021B	22574
885-21545-9	S-23	Total/NA	Solid	8021B	22574
MB 885-22574/1-A	Method Blank	Total/NA	Solid	8021B	22574
LCS 885-22574/3-A	Lab Control Sample	Total/NA	Solid	8021B	22574
885-21545-2 MS	S-16	Total/NA	Solid	8021B	22574
885-21545-2 MSD	S-16	Total/NA	Solid	8021B	22574

Prep Batch: 22574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-21545-1	S-15	Total/NA	Solid	5035	
885-21545-2	S-16	Total/NA	Solid	5035	
885-21545-3	S-17	Total/NA	Solid	5035	
885-21545-4	S-18	Total/NA	Solid	5035	
885-21545-5	S-19	Total/NA	Solid	5035	
885-21545-6	S-20	Total/NA	Solid	5035	
885-21545-7	S-21	Total/NA	Solid	5035	
885-21545-8	S-22	Total/NA	Solid	5035	
885-21545-9	S-23	Total/NA	Solid	5035	
MB 885-22574/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-22574/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-22574/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-21545-1 MS	S-15	Total/NA	Solid	5035	
885-21545-1 MSD	S-15	Total/NA	Solid	5035	
885-21545-2 MS	S-16	Total/NA	Solid	5035	
885-21545-2 MSD	S-16	Total/NA	Solid	5035	

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QC Association Summary

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21545-1

GC Semi VOA

Analysis Batch: 22562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-21545-1	S-15	Total/NA	Solid	8015M/D	22565
885-21545-2	S-16	Total/NA	Solid	8015M/D	22565
885-21545-3	S-17	Total/NA	Solid	8015M/D	22565
885-21545-4	S-18	Total/NA	Solid	8015M/D	22565
885-21545-5	S-19	Total/NA	Solid	8015M/D	22565
885-21545-6	S-20	Total/NA	Solid	8015M/D	22565
885-21545-7	S-21	Total/NA	Solid	8015M/D	22565
885-21545-8	S-22	Total/NA	Solid	8015M/D	22565
885-21545-9	S-23	Total/NA	Solid	8015M/D	22565
MB 885-22565/1-A	Method Blank	Total/NA	Solid	8015M/D	22565
LCS 885-22565/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	22565
885-21545-9 MS	S-23	Total/NA	Solid	8015M/D	22565
885-21545-9 MSD	S-23	Total/NA	Solid	8015M/D	22565

Prep Batch: 22565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-21545-1	S-15	Total/NA	Solid	SHAKE	
885-21545-2	S-16	Total/NA	Solid	SHAKE	
885-21545-3	S-17	Total/NA	Solid	SHAKE	
885-21545-4	S-18	Total/NA	Solid	SHAKE	
885-21545-5	S-19	Total/NA	Solid	SHAKE	
885-21545-6	S-20	Total/NA	Solid	SHAKE	
885-21545-7	S-21	Total/NA	Solid	SHAKE	
885-21545-8	S-22	Total/NA	Solid	SHAKE	
885-21545-9	S-23	Total/NA	Solid	SHAKE	
MB 885-22565/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-22565/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-21545-9 MS	S-23	Total/NA	Solid	SHAKE	
885-21545-9 MSD	S-23	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 22568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-21545-1	S-15	Total/NA	Solid	300_Prep	
885-21545-2	S-16	Total/NA	Solid	300_Prep	
885-21545-3	S-17	Total/NA	Solid	300_Prep	
885-21545-4	S-18	Total/NA	Solid	300_Prep	
885-21545-5	S-19	Total/NA	Solid	300_Prep	
885-21545-6	S-20	Total/NA	Solid	300_Prep	
885-21545-7	S-21	Total/NA	Solid	300_Prep	
885-21545-8	S-22	Total/NA	Solid	300_Prep	
885-21545-9	S-23	Total/NA	Solid	300_Prep	
MB 885-22568/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-22568/3-A	Lab Control Sample	Total/NA	Solid	300_Prep	
LLCS 885-22568/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 22576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-21545-1	S-15	Total/NA	Solid	300.0	22568
885-21545-2	S-16	Total/NA	Solid	300.0	22568

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QC Association Summary

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21545-1

HPLC/IC (Continued)

Analysis Batch: 22576 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-21545-3	S-17	Total/NA	Solid	300.0	22568
885-21545-4	S-18	Total/NA	Solid	300.0	22568
885-21545-5	S-19	Total/NA	Solid	300.0	22568
885-21545-6	S-20	Total/NA	Solid	300.0	22568
885-21545-7	S-21	Total/NA	Solid	300.0	22568
885-21545-8	S-22	Total/NA	Solid	300.0	22568
885-21545-9	S-23	Total/NA	Solid	300.0	22568
MB 885-22568/1-A	Method Blank	Total/NA	Solid	300.0	22568
LCS 885-22568/3-A	Lab Control Sample	Total/NA	Solid	300.0	22568
LLCS 885-22568/2-A	Lab Control Sample	Total/NA	Solid	300.0	22568
MRL 885-22576/42	Lab Control Sample	Total/NA	Solid	300.0	

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Lab Chronicle

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21545-1

Client Sample ID: S-15
Date Collected: 03/14/25 10:00
Date Received: 03/15/25 07:05

Lab Sample ID: 885-21545-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			22574	AT	EET ALB	03/17/25 09:31
Total/NA	Analysis	8015M/D		1	22566	AT	EET ALB	03/17/25 11:23
Total/NA	Prep	5035			22574	AT	EET ALB	03/17/25 09:31
Total/NA	Analysis	8021B		1	22567	AT	EET ALB	03/17/25 11:23
Total/NA	Prep	SHAKE			22565	MI	EET ALB	03/17/25 08:34
Total/NA	Analysis	8015M/D		1	22562	MI	EET ALB	03/17/25 10:18
Total/NA	Prep	300_Prep			22568	DL	EET ALB	03/17/25 09:07
Total/NA	Analysis	300.0		20	22576	RC	EET ALB	03/17/25 11:18

Client Sample ID: S-16
Date Collected: 03/14/25 10:05
Date Received: 03/15/25 07:05

Lab Sample ID: 885-21545-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			22574	AT	EET ALB	03/17/25 09:31
Total/NA	Analysis	8015M/D		1	22566	AT	EET ALB	03/17/25 11:45
Total/NA	Prep	5035			22574	AT	EET ALB	03/17/25 09:31
Total/NA	Analysis	8021B		1	22567	AT	EET ALB	03/17/25 11:45
Total/NA	Prep	SHAKE			22565	MI	EET ALB	03/17/25 08:34
Total/NA	Analysis	8015M/D		1	22562	MI	EET ALB	03/17/25 10:29
Total/NA	Prep	300_Prep			22568	DL	EET ALB	03/17/25 09:07
Total/NA	Analysis	300.0		20	22576	RC	EET ALB	03/17/25 11:28

Client Sample ID: S-17
Date Collected: 03/14/25 10:10
Date Received: 03/15/25 07:05

Lab Sample ID: 885-21545-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			22574	AT	EET ALB	03/17/25 09:31
Total/NA	Analysis	8015M/D		1	22566	AT	EET ALB	03/17/25 12:06
Total/NA	Prep	5035			22574	AT	EET ALB	03/17/25 09:31
Total/NA	Analysis	8021B		1	22567	AT	EET ALB	03/17/25 12:06
Total/NA	Prep	SHAKE			22565	MI	EET ALB	03/17/25 08:34
Total/NA	Analysis	8015M/D		1	22562	MI	EET ALB	03/17/25 10:39
Total/NA	Prep	300_Prep			22568	DL	EET ALB	03/17/25 09:07
Total/NA	Analysis	300.0		20	22576	RC	EET ALB	03/17/25 11:38

Client Sample ID: S-18
Date Collected: 03/14/25 10:15
Date Received: 03/15/25 07:05

Lab Sample ID: 885-21545-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			22574	AT	EET ALB	03/17/25 09:31
Total/NA	Analysis	8015M/D		1	22566	AT	EET ALB	03/17/25 12:28

Eurofins Albuquerque

Lab Chronicle

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21545-1

Client Sample ID: S-18
Date Collected: 03/14/25 10:15
Date Received: 03/15/25 07:05

Lab Sample ID: 885-21545-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			22574	AT	EET ALB	03/17/25 09:31
Total/NA	Analysis	8021B		1	22567	AT	EET ALB	03/17/25 12:28
Total/NA	Prep	SHAKE			22565	MI	EET ALB	03/17/25 08:34
Total/NA	Analysis	8015M/D		1	22562	MI	EET ALB	03/17/25 10:50
Total/NA	Prep	300_Prep			22568	DL	EET ALB	03/17/25 09:07
Total/NA	Analysis	300.0		20	22576	RC	EET ALB	03/17/25 11:49

Client Sample ID: S-19
Date Collected: 03/14/25 10:20
Date Received: 03/15/25 07:05

Lab Sample ID: 885-21545-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			22574	AT	EET ALB	03/17/25 09:31
Total/NA	Analysis	8015M/D		1	22566	AT	EET ALB	03/17/25 12:50
Total/NA	Prep	5035			22574	AT	EET ALB	03/17/25 09:31
Total/NA	Analysis	8021B		1	22567	AT	EET ALB	03/17/25 12:50
Total/NA	Prep	SHAKE			22565	MI	EET ALB	03/17/25 08:34
Total/NA	Analysis	8015M/D		1	22562	MI	EET ALB	03/17/25 11:01
Total/NA	Prep	300_Prep			22568	DL	EET ALB	03/17/25 09:07
Total/NA	Analysis	300.0		20	22576	RC	EET ALB	03/17/25 11:59

Client Sample ID: S-20
Date Collected: 03/14/25 10:25
Date Received: 03/15/25 07:05

Lab Sample ID: 885-21545-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			22574	AT	EET ALB	03/17/25 09:31
Total/NA	Analysis	8015M/D		1	22566	AT	EET ALB	03/17/25 13:11
Total/NA	Prep	5035			22574	AT	EET ALB	03/17/25 09:31
Total/NA	Analysis	8021B		1	22567	AT	EET ALB	03/17/25 13:11
Total/NA	Prep	SHAKE			22565	MI	EET ALB	03/17/25 08:34
Total/NA	Analysis	8015M/D		1	22562	MI	EET ALB	03/17/25 11:11
Total/NA	Prep	300_Prep			22568	DL	EET ALB	03/17/25 09:07
Total/NA	Analysis	300.0		20	22576	RC	EET ALB	03/17/25 12:09

Client Sample ID: S-21
Date Collected: 03/14/25 10:30
Date Received: 03/15/25 07:05

Lab Sample ID: 885-21545-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			22574	AT	EET ALB	03/17/25 09:31
Total/NA	Analysis	8015M/D		1	22566	AT	EET ALB	03/17/25 13:33
Total/NA	Prep	5035			22574	AT	EET ALB	03/17/25 09:31
Total/NA	Analysis	8021B		1	22567	AT	EET ALB	03/17/25 13:33

Lab Chronicle

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21545-1

Client Sample ID: S-21
Date Collected: 03/14/25 10:30
Date Received: 03/15/25 07:05

Lab Sample ID: 885-21545-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			22565	MI	EET ALB	03/17/25 08:34
Total/NA	Analysis	8015M/D		1	22562	MI	EET ALB	03/17/25 11:22
Total/NA	Prep	300_Prep			22568	DL	EET ALB	03/17/25 09:07
Total/NA	Analysis	300.0		20	22576	RC	EET ALB	03/17/25 12:40

Client Sample ID: S-22
Date Collected: 03/14/25 10:35
Date Received: 03/15/25 07:05

Lab Sample ID: 885-21545-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			22574	AT	EET ALB	03/17/25 09:31
Total/NA	Analysis	8015M/D		1	22566	AT	EET ALB	03/17/25 13:55
Total/NA	Prep	5035			22574	AT	EET ALB	03/17/25 09:31
Total/NA	Analysis	8021B		1	22567	AT	EET ALB	03/17/25 13:55
Total/NA	Prep	SHAKE			22565	MI	EET ALB	03/17/25 08:34
Total/NA	Analysis	8015M/D		1	22562	MI	EET ALB	03/17/25 11:32
Total/NA	Prep	300_Prep			22568	DL	EET ALB	03/17/25 09:07
Total/NA	Analysis	300.0		20	22576	RC	EET ALB	03/17/25 12:51

Client Sample ID: S-23
Date Collected: 03/14/25 10:40
Date Received: 03/15/25 07:05

Lab Sample ID: 885-21545-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			22574	AT	EET ALB	03/17/25 09:33
Total/NA	Analysis	8015M/D		1	22566	AT	EET ALB	03/17/25 14:17
Total/NA	Prep	5035			22574	AT	EET ALB	03/17/25 09:33
Total/NA	Analysis	8021B		1	22567	AT	EET ALB	03/17/25 14:17
Total/NA	Prep	SHAKE			22565	MI	EET ALB	03/17/25 08:34
Total/NA	Analysis	8015M/D		1	22562	MI	EET ALB	03/17/25 11:43
Total/NA	Prep	300_Prep			22568	DL	EET ALB	03/17/25 09:07
Total/NA	Analysis	300.0		20	22576	RC	EET ALB	03/17/25 13:01

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

Accreditation/Certification Summary

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21545-1

Laboratory: Eurofins Albuquerque

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

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

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

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 885-21545-1

Login Number: 21545

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	False	
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
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- 11

ANALYTICAL REPORT

PREPARED FOR

Attn: Kyle Summers
Ensolum
606 S Rio Grande
Suite A
Aztec, New Mexico 87410
Generated 3/26/2025 12:48:48 PM

JOB DESCRIPTION

Chaco Plant Amine

JOB NUMBER

885-21782-1

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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3/26/2025 12:48:48 PM

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

Client: Ensolum
Project/Site: Chaco Plant Amine

Laboratory Job ID: 885-21782-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	11
QC Association Summary	15
Lab Chronicle	17
Certification Summary	19
Chain of Custody	20
Receipt Checklists	21



Definitions/Glossary

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21782-1

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: Chaco Plant Amine

Job ID: 885-21782-1

Job ID: 885-21782-1

Eurofins Albuquerque

Job Narrative 885-21782-1

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 3/20/2025 6:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.9°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

Method 8021B: The continuing calibration verification (CCV) associated with batch 885-22776 recovered above the upper control limit for m,p-xylenes. 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-17a (885-21782-1), S-24 (885-21782-2), S-25 (885-21782-3), S-26 (885-21782-4) and S-27 (885-21782-5).

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: Chaco Plant Amine

Job ID: 885-21782-1

Client Sample ID: S-17a

Lab Sample ID: 885-21782-1

Date Collected: 03/19/25 10:00

Matrix: Solid

Date Received: 03/20/25 06:35

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		1.8	mg/Kg		03/20/25 08:42	03/20/25 11:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		35 - 166			03/20/25 08:42	03/20/25 11:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0092	mg/Kg		03/20/25 08:42	03/20/25 11:00	1
Ethylbenzene	ND		0.018	mg/Kg		03/20/25 08:42	03/20/25 11:00	1
Toluene	ND		0.018	mg/Kg		03/20/25 08:42	03/20/25 11:00	1
Xylenes, Total	ND		0.037	mg/Kg		03/20/25 08:42	03/20/25 11:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145			03/20/25 08:42	03/20/25 11:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		03/20/25 09:17	03/20/25 10:57	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		03/20/25 09:17	03/20/25 10:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	108		62 - 134			03/20/25 09:17	03/20/25 10:57	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		59	mg/Kg		03/20/25 09:44	03/20/25 11:19	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21782-1

Client Sample ID: S-24

Lab Sample ID: 885-21782-2

Date Collected: 03/19/25 10:05

Matrix: Solid

Date Received: 03/20/25 06:35

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		2.8	mg/Kg		03/20/25 08:42	03/20/25 11:23		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	95		35 - 166			03/20/25 08:42	03/20/25 11:23		1
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.014	mg/Kg		03/20/25 08:42	03/20/25 11:23		1
Ethylbenzene	ND		0.028	mg/Kg		03/20/25 08:42	03/20/25 11:23		1
Toluene	ND		0.028	mg/Kg		03/20/25 08:42	03/20/25 11:23		1
Xylenes, Total	ND		0.057	mg/Kg		03/20/25 08:42	03/20/25 11:23		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	107		48 - 145			03/20/25 08:42	03/20/25 11:23		1
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	10		9.2	mg/Kg		03/20/25 09:17	03/20/25 11:08		1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		03/20/25 09:17	03/20/25 11:08		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	108		62 - 134			03/20/25 09:17	03/20/25 11:08		1
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		60	mg/Kg		03/20/25 09:44	03/20/25 11:29		20

Client Sample Results

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21782-1

Client Sample ID: S-25

Lab Sample ID: 885-21782-3

Date Collected: 03/19/25 10:10

Matrix: Solid

Date Received: 03/20/25 06:35

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		2.9	mg/Kg		03/20/25 08:42	03/20/25 11:47		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	95		35 - 166			03/20/25 08:42	03/20/25 11:47		1
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.014	mg/Kg		03/20/25 08:42	03/20/25 11:47		1
Ethylbenzene	ND		0.029	mg/Kg		03/20/25 08:42	03/20/25 11:47		1
Toluene	ND		0.029	mg/Kg		03/20/25 08:42	03/20/25 11:47		1
Xylenes, Total	ND		0.057	mg/Kg		03/20/25 08:42	03/20/25 11:47		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	106		48 - 145			03/20/25 08:42	03/20/25 11:47		1
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	38		9.4	mg/Kg		03/20/25 09:17	03/20/25 11:18		1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		03/20/25 09:17	03/20/25 11:18		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	115		62 - 134			03/20/25 09:17	03/20/25 11:18		1
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		60	mg/Kg		03/20/25 09:44	03/20/25 11:39		20

Client Sample Results

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21782-1

Client Sample ID: S-26

Lab Sample ID: 885-21782-4

Date Collected: 03/19/25 10:15

Matrix: Solid

Date Received: 03/20/25 06:35

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		2.9	mg/Kg		03/20/25 09:15	03/20/25 12:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			03/20/25 09:15	03/20/25 12:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.014	mg/Kg		03/20/25 09:15	03/20/25 12:10	1
Ethylbenzene	ND		0.029	mg/Kg		03/20/25 09:15	03/20/25 12:10	1
Toluene	ND		0.029	mg/Kg		03/20/25 09:15	03/20/25 12:10	1
Xylenes, Total	ND		0.057	mg/Kg		03/20/25 09:15	03/20/25 12:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		48 - 145			03/20/25 09:15	03/20/25 12:10	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]	16		9.9	mg/Kg		03/20/25 09:17	03/20/25 11:29	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		03/20/25 09:17	03/20/25 11:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			03/20/25 09:17	03/20/25 11:29	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		03/20/25 09:44	03/20/25 11:49	20

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21782-1

Client Sample ID: S-27

Lab Sample ID: 885-21782-5

Date Collected: 03/19/25 10:20

Matrix: Solid

Date Received: 03/20/25 06:35

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		2.8	mg/Kg		03/20/25 09:15	03/20/25 12:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			03/20/25 09:15	03/20/25 12:34	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.014	mg/Kg		03/20/25 09:15	03/20/25 12:34	1
Ethylbenzene	ND		0.028	mg/Kg		03/20/25 09:15	03/20/25 12:34	1
Toluene	ND		0.028	mg/Kg		03/20/25 09:15	03/20/25 12:34	1
Xylenes, Total	ND		0.056	mg/Kg		03/20/25 09:15	03/20/25 12:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		48 - 145			03/20/25 09:15	03/20/25 12:34	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]	15		9.4	mg/Kg		03/20/25 09:17	03/20/25 11:39	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		03/20/25 09:17	03/20/25 11:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			03/20/25 09:17	03/20/25 11:39	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		61	mg/Kg		03/20/25 09:44	03/20/25 11:59	20

Eurofins Albuquerque

QC Sample Results

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21782-1

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

Lab Sample ID: MB 885-22774/1-A

Matrix: Solid

Analysis Batch: 22775

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22774

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		03/20/25 08:42	03/20/25 10:36	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		35 - 166			03/20/25 08:42	03/20/25 10:36	1

Lab Sample ID: LCS 885-22774/2-A

Matrix: Solid

Analysis Batch: 22775

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22774

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	24.7		mg/Kg		99	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	184		35 - 166				

Lab Sample ID: 885-21782-1 MS

Matrix: Solid

Analysis Batch: 22775

Client Sample ID: S-17a

Prep Type: Total/NA

Prep Batch: 22774

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		9.22	9.65		mg/Kg		105	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	194		35 - 166						

Lab Sample ID: 885-21782-1 MSD

Matrix: Solid

Analysis Batch: 22775

Client Sample ID: S-17a

Prep Type: Total/NA

Prep Batch: 22774

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		9.22	9.72		mg/Kg		105	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	198		35 - 166								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-22774/1-A

Matrix: Solid

Analysis Batch: 22776

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22774

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		03/20/25 08:42	03/20/25 10:36	1
Ethylbenzene	ND		0.050	mg/Kg		03/20/25 08:42	03/20/25 10:36	1
Toluene	ND		0.050	mg/Kg		03/20/25 08:42	03/20/25 10:36	1

Eurofins Albuquerque

QC Sample Results

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21782-1

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

Lab Sample ID: MB 885-22774/1-A

Matrix: Solid

Analysis Batch: 22776

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22774

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10	mg/Kg		03/20/25 08:42	03/20/25 10:36	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		48 - 145			03/20/25 08:42	03/20/25 10:36	1

Lab Sample ID: LCS 885-22774/3-A

Matrix: Solid

Analysis Batch: 22776

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22774

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.990		mg/Kg		99	70 - 130
Ethylbenzene	1.00	0.947		mg/Kg		95	70 - 130
Toluene	1.00	0.967		mg/Kg		97	70 - 130
Xylenes, Total	3.00	3.12		mg/Kg		104	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	101		48 - 145				

Lab Sample ID: 885-21782-2 MS

Matrix: Solid

Analysis Batch: 22776

Client Sample ID: S-24

Prep Type: Total/NA

Prep Batch: 22774

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.569	0.606		mg/Kg		107	70 - 130
Ethylbenzene	ND		0.569	0.598		mg/Kg		105	70 - 130
Toluene	ND		0.569	0.609		mg/Kg		107	70 - 130
Xylenes, Total	ND		1.71	1.88		mg/Kg		110	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	116		48 - 145						

Lab Sample ID: 885-21782-2 MSD

Matrix: Solid

Analysis Batch: 22776

Client Sample ID: S-24

Prep Type: Total/NA

Prep Batch: 22774

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.569	0.610		mg/Kg		107	70 - 130	1	20
Ethylbenzene	ND		0.569	0.603		mg/Kg		106	70 - 130	1	20
Toluene	ND		0.569	0.600		mg/Kg		105	70 - 130	1	20
Xylenes, Total	ND		1.71	1.87		mg/Kg		110	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	113		48 - 145								

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QC Sample Results

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21782-1

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

Lab Sample ID: MB 885-22786/1-A

Matrix: Solid

Analysis Batch: 22780

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22786

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		03/20/25 09:17	03/20/25 10:36	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		03/20/25 09:17	03/20/25 10:36	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	106		62 - 134			03/20/25 09:17	03/20/25 10:36	1

Lab Sample ID: LCS 885-22786/2-A

Matrix: Solid

Analysis Batch: 22780

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22786

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	49.2		mg/Kg		98	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	80		62 - 134				

Lab Sample ID: 885-21782-5 MS

Matrix: Solid

Analysis Batch: 22780

Client Sample ID: S-27

Prep Type: Total/NA

Prep Batch: 22786

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	15		47.1	58.4		mg/Kg		91	44 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	91		62 - 134						

Lab Sample ID: 885-21782-5 MSD

Matrix: Solid

Analysis Batch: 22780

Client Sample ID: S-27

Prep Type: Total/NA

Prep Batch: 22786

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	15		45.8	60.3		mg/Kg		98	44 - 136	3	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	93		62 - 134								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-22791/1-A

Matrix: Solid

Analysis Batch: 22795

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22791

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5	mg/Kg		03/20/25 09:44	03/20/25 10:59	1

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QC Sample Results

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21782-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-22791/2-A				Client Sample ID: Lab Control Sample							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 22795				Prep Batch: 22791							
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			15.0	14.4		mg/Kg		96	90 - 110		

Lab Sample ID: 885-21782-1 MS				Client Sample ID: S-17a							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 22795				Prep Batch: 22791							
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	ND		29.9	ND		mg/Kg		NC	50 - 150		

Lab Sample ID: 885-21782-1 MSD				Client Sample ID: S-17a							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 22795				Prep Batch: 22791							
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Chloride	ND		29.8	ND		mg/Kg		NC	50 - 150	NC	20

QC Association Summary

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21782-1

GC VOA

Prep Batch: 22774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-21782-1	S-17a	Total/NA	Solid	5035	
885-21782-2	S-24	Total/NA	Solid	5035	
885-21782-3	S-25	Total/NA	Solid	5035	
885-21782-4	S-26	Total/NA	Solid	5035	
885-21782-5	S-27	Total/NA	Solid	5035	
MB 885-22774/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-22774/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-22774/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-21782-1 MS	S-17a	Total/NA	Solid	5035	
885-21782-1 MSD	S-17a	Total/NA	Solid	5035	
885-21782-2 MS	S-24	Total/NA	Solid	5035	
885-21782-2 MSD	S-24	Total/NA	Solid	5035	

Analysis Batch: 22775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-21782-1	S-17a	Total/NA	Solid	8015M/D	22774
885-21782-2	S-24	Total/NA	Solid	8015M/D	22774
885-21782-3	S-25	Total/NA	Solid	8015M/D	22774
885-21782-4	S-26	Total/NA	Solid	8015M/D	22774
885-21782-5	S-27	Total/NA	Solid	8015M/D	22774
MB 885-22774/1-A	Method Blank	Total/NA	Solid	8015M/D	22774
LCS 885-22774/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	22774
885-21782-1 MS	S-17a	Total/NA	Solid	8015M/D	22774
885-21782-1 MSD	S-17a	Total/NA	Solid	8015M/D	22774

Analysis Batch: 22776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-21782-1	S-17a	Total/NA	Solid	8021B	22774
885-21782-2	S-24	Total/NA	Solid	8021B	22774
885-21782-3	S-25	Total/NA	Solid	8021B	22774
885-21782-4	S-26	Total/NA	Solid	8021B	22774
885-21782-5	S-27	Total/NA	Solid	8021B	22774
MB 885-22774/1-A	Method Blank	Total/NA	Solid	8021B	22774
LCS 885-22774/3-A	Lab Control Sample	Total/NA	Solid	8021B	22774
885-21782-2 MS	S-24	Total/NA	Solid	8021B	22774
885-21782-2 MSD	S-24	Total/NA	Solid	8021B	22774

GC Semi VOA

Analysis Batch: 22780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-21782-1	S-17a	Total/NA	Solid	8015M/D	22786
885-21782-2	S-24	Total/NA	Solid	8015M/D	22786
885-21782-3	S-25	Total/NA	Solid	8015M/D	22786
885-21782-4	S-26	Total/NA	Solid	8015M/D	22786
885-21782-5	S-27	Total/NA	Solid	8015M/D	22786
MB 885-22786/1-A	Method Blank	Total/NA	Solid	8015M/D	22786
LCS 885-22786/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	22786
885-21782-5 MS	S-27	Total/NA	Solid	8015M/D	22786
885-21782-5 MSD	S-27	Total/NA	Solid	8015M/D	22786

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QC Association Summary

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21782-1

GC Semi VOA

Prep Batch: 22786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-21782-1	S-17a	Total/NA	Solid	SHAKE	
885-21782-2	S-24	Total/NA	Solid	SHAKE	
885-21782-3	S-25	Total/NA	Solid	SHAKE	
885-21782-4	S-26	Total/NA	Solid	SHAKE	
885-21782-5	S-27	Total/NA	Solid	SHAKE	
MB 885-22786/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-22786/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-21782-5 MS	S-27	Total/NA	Solid	SHAKE	
885-21782-5 MSD	S-27	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 22791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-21782-1	S-17a	Total/NA	Solid	300_Prep	
885-21782-2	S-24	Total/NA	Solid	300_Prep	
885-21782-3	S-25	Total/NA	Solid	300_Prep	
885-21782-4	S-26	Total/NA	Solid	300_Prep	
885-21782-5	S-27	Total/NA	Solid	300_Prep	
MB 885-22791/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-22791/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-21782-1 MS	S-17a	Total/NA	Solid	300_Prep	
885-21782-1 MSD	S-17a	Total/NA	Solid	300_Prep	

Analysis Batch: 22795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-21782-1	S-17a	Total/NA	Solid	300.0	22791
885-21782-2	S-24	Total/NA	Solid	300.0	22791
885-21782-3	S-25	Total/NA	Solid	300.0	22791
885-21782-4	S-26	Total/NA	Solid	300.0	22791
885-21782-5	S-27	Total/NA	Solid	300.0	22791
MB 885-22791/1-A	Method Blank	Total/NA	Solid	300.0	22791
LCS 885-22791/2-A	Lab Control Sample	Total/NA	Solid	300.0	22791
885-21782-1 MS	S-17a	Total/NA	Solid	300.0	22791
885-21782-1 MSD	S-17a	Total/NA	Solid	300.0	22791

Eurofins Albuquerque

Lab Chronicle

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21782-1

Client Sample ID: S-17a
Date Collected: 03/19/25 10:00
Date Received: 03/20/25 06:35

Lab Sample ID: 885-21782-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			22774	JP	EET ALB	03/20/25 08:42
Total/NA	Analysis	8015M/D		1	22775	JP	EET ALB	03/20/25 11:00
Total/NA	Prep	5035			22774	JP	EET ALB	03/20/25 08:42
Total/NA	Analysis	8021B		1	22776	JP	EET ALB	03/20/25 11:00
Total/NA	Prep	SHAKE			22786	MI	EET ALB	03/20/25 09:17
Total/NA	Analysis	8015M/D		1	22780	MI	EET ALB	03/20/25 10:57
Total/NA	Prep	300_Prep			22791	DL	EET ALB	03/20/25 09:44
Total/NA	Analysis	300.0		20	22795	DL	EET ALB	03/20/25 11:19

Client Sample ID: S-24
Date Collected: 03/19/25 10:05
Date Received: 03/20/25 06:35

Lab Sample ID: 885-21782-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			22774	JP	EET ALB	03/20/25 08:42
Total/NA	Analysis	8015M/D		1	22775	JP	EET ALB	03/20/25 11:23
Total/NA	Prep	5035			22774	JP	EET ALB	03/20/25 08:42
Total/NA	Analysis	8021B		1	22776	JP	EET ALB	03/20/25 11:23
Total/NA	Prep	SHAKE			22786	MI	EET ALB	03/20/25 09:17
Total/NA	Analysis	8015M/D		1	22780	MI	EET ALB	03/20/25 11:08
Total/NA	Prep	300_Prep			22791	DL	EET ALB	03/20/25 09:44
Total/NA	Analysis	300.0		20	22795	DL	EET ALB	03/20/25 11:29

Client Sample ID: S-25
Date Collected: 03/19/25 10:10
Date Received: 03/20/25 06:35

Lab Sample ID: 885-21782-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			22774	JP	EET ALB	03/20/25 08:42
Total/NA	Analysis	8015M/D		1	22775	JP	EET ALB	03/20/25 11:47
Total/NA	Prep	5035			22774	JP	EET ALB	03/20/25 08:42
Total/NA	Analysis	8021B		1	22776	JP	EET ALB	03/20/25 11:47
Total/NA	Prep	SHAKE			22786	MI	EET ALB	03/20/25 09:17
Total/NA	Analysis	8015M/D		1	22780	MI	EET ALB	03/20/25 11:18
Total/NA	Prep	300_Prep			22791	DL	EET ALB	03/20/25 09:44
Total/NA	Analysis	300.0		20	22795	DL	EET ALB	03/20/25 11:39

Client Sample ID: S-26
Date Collected: 03/19/25 10:15
Date Received: 03/20/25 06:35

Lab Sample ID: 885-21782-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			22774	JP	EET ALB	03/20/25 09:15
Total/NA	Analysis	8015M/D		1	22775	JP	EET ALB	03/20/25 12:10

Eurofins Albuquerque

Lab Chronicle

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21782-1

Client Sample ID: S-26
Date Collected: 03/19/25 10:15
Date Received: 03/20/25 06:35

Lab Sample ID: 885-21782-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			22774	JP	EET ALB	03/20/25 09:15
Total/NA	Analysis	8021B		1	22776	JP	EET ALB	03/20/25 12:10
Total/NA	Prep	SHAKE			22786	MI	EET ALB	03/20/25 09:17
Total/NA	Analysis	8015M/D		1	22780	MI	EET ALB	03/20/25 11:29
Total/NA	Prep	300_Prep			22791	DL	EET ALB	03/20/25 09:44
Total/NA	Analysis	300.0		20	22795	DL	EET ALB	03/20/25 11:49

Client Sample ID: S-27
Date Collected: 03/19/25 10:20
Date Received: 03/20/25 06:35

Lab Sample ID: 885-21782-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			22774	JP	EET ALB	03/20/25 09:15
Total/NA	Analysis	8015M/D		1	22775	JP	EET ALB	03/20/25 12:34
Total/NA	Prep	5035			22774	JP	EET ALB	03/20/25 09:15
Total/NA	Analysis	8021B		1	22776	JP	EET ALB	03/20/25 12:34
Total/NA	Prep	SHAKE			22786	MI	EET ALB	03/20/25 09:17
Total/NA	Analysis	8015M/D		1	22780	MI	EET ALB	03/20/25 11:39
Total/NA	Prep	300_Prep			22791	DL	EET ALB	03/20/25 09:44
Total/NA	Analysis	300.0		20	22795	DL	EET ALB	03/20/25 11:59

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

Accreditation/Certification Summary

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-21782-1

Laboratory: Eurofins Albuquerque

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

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

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11

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 885-21782-1

Login Number: 21782

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

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



Environment Testing

- 1
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ANALYTICAL REPORT

PREPARED FOR

Attn: Kyle Summers
Ensolum
606 S Rio Grande
Suite A
Aztec, New Mexico 87410
Generated 4/1/2025 2:55:29 PM

JOB DESCRIPTION

Chaco Plant Amine

JOB NUMBER

885-22306-1

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

Client: Ensolum
Project/Site: Chaco Plant Amine

Laboratory Job ID: 885-22306-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	7
QC Association Summary	11
Lab Chronicle	13
Certification Summary	14
Chain of Custody	15
Receipt Checklists	16



Definitions/Glossary

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-22306-1

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: Chaco Plant Amine

Job ID: 885-22306-1

Job ID: 885-22306-1**Eurofins Albuquerque****Job Narrative
885-22306-1**

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 3/29/2025 8:40 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 3.4°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

Method 8015D_DRO: The continuing calibration verification (CCV) associated with batch 885-23370 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 sample is impacted: BF-1 (885-22306-1).

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: Chaco Plant Amine

Job ID: 885-22306-1

Client Sample ID: BF-1

Lab Sample ID: 885-22306-1

Date Collected: 03/28/25 09:00

Matrix: Solid

Date Received: 03/29/25 08:40

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		3.0	mg/Kg		03/31/25 11:40	03/31/25 13:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		35 - 166			03/31/25 11:40	03/31/25 13:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.015	mg/Kg		03/31/25 11:40	03/31/25 13:42	1
Ethylbenzene	ND		0.030	mg/Kg		03/31/25 11:40	03/31/25 13:42	1
Toluene	ND		0.030	mg/Kg		03/31/25 11:40	03/31/25 13:42	1
Xylenes, Total	ND		0.060	mg/Kg		03/31/25 11:40	03/31/25 13:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			03/31/25 11:40	03/31/25 13:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		03/31/25 09:38	03/31/25 14:26	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		03/31/25 09:38	03/31/25 14:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	124		62 - 134			03/31/25 09:38	03/31/25 14:26	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		61	mg/Kg		03/31/25 10:42	03/31/25 12:53	20

Eurofins Albuquerque

QC Sample Results

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-22306-1

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

Lab Sample ID: MB 885-23396/1-A

Matrix: Solid

Analysis Batch: 23383

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 23396

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		03/31/25 11:40	03/31/25 13:19	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		35 - 166			03/31/25 11:40	03/31/25 13:19	1

Lab Sample ID: LCS 885-23396/3-A

Matrix: Solid

Analysis Batch: 23383

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 23396

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	27.2		mg/Kg		109	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	210		35 - 166				

Lab Sample ID: 885-22306-1 MS

Matrix: Solid

Analysis Batch: 23383

Client Sample ID: BF-1

Prep Type: Total/NA

Prep Batch: 23396

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		14.9	16.7		mg/Kg		112	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	216		35 - 166						

Lab Sample ID: 885-22306-1 MSD

Matrix: Solid

Analysis Batch: 23383

Client Sample ID: BF-1

Prep Type: Total/NA

Prep Batch: 23396

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		14.9	16.0		mg/Kg		108	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	215		35 - 166								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-23396/1-A

Matrix: Solid

Analysis Batch: 23384

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 23396

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		03/31/25 11:40	03/31/25 13:19	1
Ethylbenzene	ND		0.050	mg/Kg		03/31/25 11:40	03/31/25 13:19	1
Toluene	ND		0.050	mg/Kg		03/31/25 11:40	03/31/25 13:19	1

Eurofins Albuquerque

QC Sample Results

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-22306-1

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

Lab Sample ID: MB 885-23396/1-A

Matrix: Solid

Analysis Batch: 23384

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 23396

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10	mg/Kg		03/31/25 11:40	03/31/25 13:19	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		48 - 145			03/31/25 11:40	03/31/25 13:19	1

Lab Sample ID: LCS 885-23396/2-A

Matrix: Solid

Analysis Batch: 23384

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 23396

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.943		mg/Kg		94	70 - 130
Ethylbenzene	1.00	0.937		mg/Kg		94	70 - 130
Toluene	1.00	0.953		mg/Kg		95	70 - 130
Xylenes, Total	3.00	2.91		mg/Kg		97	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	104		48 - 145				

Lab Sample ID: 885-22306-1 MS

Matrix: Solid

Analysis Batch: 23384

Client Sample ID: BF-1

Prep Type: Total/NA

Prep Batch: 23396

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.595	0.620		mg/Kg		104	70 - 130
Ethylbenzene	ND		0.595	0.611		mg/Kg		103	70 - 130
Toluene	ND		0.595	0.622		mg/Kg		104	70 - 130
Xylenes, Total	ND		1.79	1.88		mg/Kg		105	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	101		48 - 145						

Lab Sample ID: 885-22306-1 MSD

Matrix: Solid

Analysis Batch: 23384

Client Sample ID: BF-1

Prep Type: Total/NA

Prep Batch: 23396

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.595	0.595		mg/Kg		100	70 - 130	4	20
Ethylbenzene	ND		0.595	0.596		mg/Kg		100	70 - 130	2	20
Toluene	ND		0.595	0.588		mg/Kg		99	70 - 130	6	20
Xylenes, Total	ND		1.79	1.85		mg/Kg		103	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	104		48 - 145								

Eurofins Albuquerque

QC Sample Results

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-22306-1

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

Lab Sample ID: MB 885-23375/1-A

Matrix: Solid

Analysis Batch: 23370

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 23375

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		03/31/25 09:38	03/31/25 15:53	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		03/31/25 09:38	03/31/25 15:53	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	112		62 - 134			03/31/25 09:38	03/31/25 15:53	1

Lab Sample ID: LCS 885-23375/2-A

Matrix: Solid

Analysis Batch: 23370

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 23375

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	41.2		mg/Kg		82	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	99		62 - 134				

Lab Sample ID: 885-22306-1 MS

Matrix: Solid

Analysis Batch: 23370

Client Sample ID: BF-1

Prep Type: Total/NA

Prep Batch: 23375

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		46.6	43.8		mg/Kg		94	44 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	95		62 - 134						

Lab Sample ID: 885-22306-1 MSD

Matrix: Solid

Analysis Batch: 23370

Client Sample ID: BF-1

Prep Type: Total/NA

Prep Batch: 23375

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		49.7	47.9		mg/Kg		96	44 - 136	9	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	88		62 - 134								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-23388/1-A

Matrix: Solid

Analysis Batch: 23391

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 23388

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5	mg/Kg		03/31/25 10:42	03/31/25 12:33	1

Eurofins Albuquerque

QC Sample Results

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-22306-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-23388/2-A				Client Sample ID: Lab Control Sample							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 23391				Prep Batch: 23388							
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			15.0	14.7		mg/Kg		98	90 - 110		

Lab Sample ID: 885-22306-1 MS				Client Sample ID: BF-1							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 23391				Prep Batch: 23388							
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	ND		29.8	ND		mg/Kg		NC	50 - 150		

Lab Sample ID: 885-22306-1 MSD				Client Sample ID: BF-1							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 23391				Prep Batch: 23388							
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Chloride	ND		30.0	ND		mg/Kg		NC	50 - 150	NC	20

QC Association Summary

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-22306-1

GC VOA

Analysis Batch: 23383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22306-1	BF-1	Total/NA	Solid	8015M/D	23396
MB 885-23396/1-A	Method Blank	Total/NA	Solid	8015M/D	23396
LCS 885-23396/3-A	Lab Control Sample	Total/NA	Solid	8015M/D	23396
885-22306-1 MS	BF-1	Total/NA	Solid	8015M/D	23396
885-22306-1 MSD	BF-1	Total/NA	Solid	8015M/D	23396

Analysis Batch: 23384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22306-1	BF-1	Total/NA	Solid	8021B	23396
MB 885-23396/1-A	Method Blank	Total/NA	Solid	8021B	23396
LCS 885-23396/2-A	Lab Control Sample	Total/NA	Solid	8021B	23396
885-22306-1 MS	BF-1	Total/NA	Solid	8021B	23396
885-22306-1 MSD	BF-1	Total/NA	Solid	8021B	23396

Prep Batch: 23396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22306-1	BF-1	Total/NA	Solid	5035	
MB 885-23396/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-23396/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-23396/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-22306-1 MS	BF-1	Total/NA	Solid	5035	
885-22306-1 MS	BF-1	Total/NA	Solid	5035	
885-22306-1 MSD	BF-1	Total/NA	Solid	5035	
885-22306-1 MSD	BF-1	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 23370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22306-1	BF-1	Total/NA	Solid	8015M/D	23375
MB 885-23375/1-A	Method Blank	Total/NA	Solid	8015M/D	23375
LCS 885-23375/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	23375
885-22306-1 MS	BF-1	Total/NA	Solid	8015M/D	23375
885-22306-1 MSD	BF-1	Total/NA	Solid	8015M/D	23375

Prep Batch: 23375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22306-1	BF-1	Total/NA	Solid	SHAKE	
MB 885-23375/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-23375/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-22306-1 MS	BF-1	Total/NA	Solid	SHAKE	
885-22306-1 MSD	BF-1	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 23388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22306-1	BF-1	Total/NA	Solid	300_Prep	
MB 885-23388/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-23388/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-22306-1 MS	BF-1	Total/NA	Solid	300_Prep	
885-22306-1 MSD	BF-1	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

QC Association Summary

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-22306-1

HPLC/IC

Analysis Batch: 23391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22306-1	BF-1	Total/NA	Solid	300.0	23388
MB 885-23388/1-A	Method Blank	Total/NA	Solid	300.0	23388
LCS 885-23388/2-A	Lab Control Sample	Total/NA	Solid	300.0	23388
885-22306-1 MS	BF-1	Total/NA	Solid	300.0	23388
885-22306-1 MSD	BF-1	Total/NA	Solid	300.0	23388

Lab Chronicle

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-22306-1

Client Sample ID: BF-1

Date Collected: 03/28/25 09:00

Date Received: 03/29/25 08:40

Lab Sample ID: 885-22306-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			23396	JP	EET ALB	03/31/25 11:40
Total/NA	Analysis	8015M/D		1	23383	JP	EET ALB	03/31/25 13:42
Total/NA	Prep	5035			23396	JP	EET ALB	03/31/25 11:40
Total/NA	Analysis	8021B		1	23384	JP	EET ALB	03/31/25 13:42
Total/NA	Prep	SHAKE			23375	MI	EET ALB	03/31/25 09:38
Total/NA	Analysis	8015M/D		1	23370	MI	EET ALB	03/31/25 14:26
Total/NA	Prep	300_Prep			23388	DL	EET ALB	03/31/25 10:42
Total/NA	Analysis	300.0		20	23391	DL	EET ALB	03/31/25 12:53

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

Accreditation/Certification Summary

Client: Ensolum
Project/Site: Chaco Plant Amine

Job ID: 885-22306-1

Laboratory: Eurofins Albuquerque

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

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

1
2
3
4
5
6
7
8
9
10
11

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 885-22306-1

Login Number: 22306

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

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

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QUESTIONS

Action 451931

QUESTIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 451931
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2427534650
Incident Name	NAPP2427534650 CHACO PLANT WATER/AMINE SPILL @ 0
Incident Type	Other
Incident Status	Reclamation Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	CHACO PLANT WATER/AMINE SPILL
Date Release Discovered	09/30/2024
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Cause: Human Error Frac Tank Other (Specify) Released: 67 BBL Recovered: 25 BBL Lost: 42 BBL.
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 451931

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 451931
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be 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: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
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: 10/08/2024
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QUESTIONS, Page 3

Action 451931

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 451931
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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)	Less than or equal 25 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
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 1000 (ft.) and ½ (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	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 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)	140
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	83
GRO+DRO (EPA SW-846 Method 8015M)	83
BTEX (EPA SW-846 Method 8021B or 8260B)	0.1
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	03/12/2025
On what date will (or did) the final sampling or liner inspection occur	03/19/2025
On what date will (or was) the remediation complete(d)	03/19/2025
What is the estimated surface area (in square feet) that will be reclaimed	5550
What is the estimated volume (in cubic yards) that will be reclaimed	231
What is the estimated surface area (in square feet) that will be remediated	5550
What is the estimated volume (in cubic yards) that will be remediated	231
<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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QUESTIONS, Page 4

Action 451931

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 451931
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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 #1 [FEEM0112334691]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<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: 04/15/2025
<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 451931

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 451931
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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QUESTIONS, Page 6

Action 451931

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 451931
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	445678
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/28/2025
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	400

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
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	5550
What was the total volume (cubic yards) remediated	231
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	5550
What was the total volume (in cubic yards) reclaimed	231
Summarize any additional remediation activities not included by answers (above)	None
<i>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>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 04/15/2025

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QUESTIONS, Page 7

Action 451931

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 451931
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	5550
What was the total volume of replacement material (in cubic yards) for this site	231
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	04/01/2050
Summarize any additional reclamation activities not included by answers (above)	None
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 04/15/2025

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QUESTIONS, Page 8

Action 451931

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 451931
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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CONDITIONS

Action 451931

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 451931
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
nvez	Remediation closure and reclamation report are approved, but it should be noted that the incident occurred within an area reasonably needed for production or subsequently drilling operations and that the reclamation portion has not been completed per 19.15.29.13D (2) NMAC.	6/25/2025