



April 20, 2026

District Supervisor
Oil Conservation Division, District 2
811 S. First St.
Artesia, NM 88210

**Re: Release Characterization and Remediation Work Plan (Revised)
ConocoPhillips
Gehrig Federal #002 Release
Unit Letter I, Section 09, Township 26 South, and Range 29 East
Lea County, New Mexico
Incident ID NAPP2426745334
Landowner: BLM**

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips to assess and evaluate a release that occurred at a storage tank at the Gehrig Federal #002 (API # 30-015-26995) well pad (Site). The release footprint is located in Public Land Survey System (PLSS) Unit Letter I, Section 09, Township 26 South, and Range 29 East, Lea County, New Mexico (Site). The approximate release point occurred at coordinates 32.050792°, -103.981128°, as shown on Figures 1 and 2.

BACKGROUND

According to the State of New Mexico initial C-141 Form, the release was discovered on September 22, 2024. The release consisted of 50 bbls of produced water, of which 0 bbls were recovered. The release occurred due to a fire in a storage tank. The release was initially reported to the New Mexico Oil Conservation Division (OCD) via a Notice of Release (NOR) and an incident number was created (NAPP2426745334). The initial C-141 form is included in Appendix A.

Please note that the OCD permitting release incident details, including the incident name, well API, and coordinates are associated with the Gehrig Federal #001 (API # 30-015-33600) well. However, the release occurred approximately 1,597 feet (ft) (0.3 miles) south of the Gehrig Federal #001 well pad and should be associated with the Gehrig Federal Com #002 well (API # 30-015-26995).

LAND OWNERSHIP

According to the OCD Oil and Gas Map, the Site is located on federal lands managed by the Bureau of Land Management (BLM). The BLM will be notified prior to any remedial activities commencing for this incident.

SITE CHARACTERIZATION

A Site characterization was performed and no sinkholes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, playa lakes, stream bodies, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the distances specified in 19.15.29 NMAC. The Site is in an area of medium karst potential.

Please note this release occurred prior to December 1, 2024. According to communication with the OCD, releases that occurred prior to December 1, 2024 in medium karst areas do not fall under the guidance of

the "Karst Potential Occurrence Zones" Public Notice document. However, it is understood that the release must meet 19.15.29.12.C.(4) NMAC to be remediated to depth to groundwater standards in Table I.

According to the NMOSE reporting system, there are no water wells within ½ mile (800 meters) of the Site. There is one (1) USGS groundwater well (320301103572201), 1.44 miles (2,317 meters) east of the Site with an average depth to groundwater of 124.5 feet below ground surface (bgs).

As the available water level information is from a well farther than ½ mile away from the Site, ConocoPhillips elected to drill a boring to verify depth to groundwater at a location on BLM lands. Tetra Tech contacted Crisha Morgan of the BLM via email to obtain approval of the location. An Application for Permit to Drill (WD-07) was submitted to the NMOSE on November 6, 2025. Approval was granted by the NMOSE on November 21, 2026. Copies of the approved permit and BLM approval are included in Appendix B.

A licensed well drilling subcontractor was on Site on February 10, 2026, to drill a groundwater determination borehole (DTW-1) to 55 feet bgs at the northeastern edge of the Gehrig Federal lease pad. The borehole location is indicated in Figure 4. The borehole was temporarily set and screened using 2-inch PVC well materials: 20 feet of blank casing and 35 feet of 0.010" slotted screen. The borehole was left for 72 hours and checked for the presence of groundwater. The borehole was dry upon drilling, and no water was present in the well after 72 hours. The well screen and casing were removed, and the borehole was plugged with 3/8-inch bentonite chips. The Site characterization data, boring log, and temporary well diagram are presented in Appendix C.

REGULATORY FRAMEWORK

Based upon the release footprint and in accordance with Subsection E of 19.15.29.12 NMAC, per 19.15.29.11 NMAC, the Site characterization data was used to determine recommended remedial action levels (RRALs) for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX), total petroleum hydrocarbons (TPH), and chlorides in soil.

Based on the Site characterization and in accordance with Table I of 19.15.29.12 NMAC, the RRALs for the Site are as follows:

Constituent	Site RRALs
Chloride	10,000 mg/kg
TPH (GRO+DRO+ORO)	2,500 mg/kg
TPH (GRO+DRO)	1,000 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

Additionally, in accordance with the NMOCD guidance *Procedures for Implementation of the Spill Rule (19.15.29 NMAC)* (September 6, 2019), the following reclamation requirements for surface soils (0-4 feet bgs) outside of active oil and gas operations are as follows:

Constituent	Reclamation Requirement
Chloride	600 mg/kg
TPH (GRO+DRO+ORO)	100 mg/kg
BTEX	50 mg/kg

INITIAL SITE ASSESSMENT

Carmona Resources, LLC performed the initial release assessment activities on behalf of ConocoPhillips. On October 1, 2024, Carmona personnel conducted assessment activities which consisted of the installation of seven (7) sample points (S-1 through S-7) to a maximum depth of 3 ft below bgs for vertical delineation. Additionally, nine (9) sample points (H-1 through H-4) were installed to a maximum depth of 1

ft bgs for horizontal delineation. The locations of S-2 and S-7 were not vertically delineated, and the location of H-8 was not horizontally delineated.

On November 15, 2024, Carmona re-mobilized to the Site to perform additional assessment. A total of two (2) trenches (T-1 and T-2) were installed to 6 ft bgs to vertically delineate the areas of S-2 and S-7. Vertical delineation was not achieved at T-1. It is assumed that H-8 was re-assessed as analytical data was provided that was below 600 mg/kg for chloride. The sample locations completed by Carmona are shown in Figure 3.

Results from the October and November 2024 soil sampling events are summarized in Table 1. Analytical results associated with S-1 through S-3, S-5 through S-7, T-1 and T-2 exceeded the chloride reclamation requirement of 600 mg/kg in surface soils to 4 ft bgs. All other analytical results from the sampling events were below Site RRALs and reclamation requirements. A copy of the laboratory analytical report and chain-of-custody documentation are included in Appendix D.

2025 REMEDIATION WORK PLAN AND NMOCD REJECTION

Carmona prepared a Work Plan dated March 12, 2024, which was submitted to the NMOCD on June 10, 2025. The Work Plan was rejected with the following comments:

“Remediation plan denied for the following reasons:

- 1. The coordinates listed in the report are the coordinates listed for Gehrig Federal Com #005H according to OCD Permitting records. The photographs taken put the release at Gehrig Federal Com #005H as well, however the NOR submitted puts the release at 32.055100001, - 103.980400001 which according to Permitting is the location of Gehrig Federal #1. Verify correct location.*
- 2. Under the Proposed Work Plan, it states that the area of S-2/T-2 will be excavated to a depth of 5' bgs while impacts were found at least through 6'. In addition, it states that the area of S-7/T-1 will be excavated to a depth of 7' below the surface, or until chloride concentrations <600 mg/kg, though impacts were reported through 4' depth only. Were these two areas mixed up regarding the intended depths of excavation? Please clarify.*
- 3. Under the Site Characterization portion of the C-141 application, the minimum distances to the following are incorrect and are required to be updated during application resubmission: any lakebed, sinkhole, or playa lake (1/2-1 mile N) and a 100-year floodplain (1/2-1 mile S).*
- 4. T-2 requires vertical delineation to below Table I Closure Criteria.*
- 5. A sampling variance request is denied to collect samples at a frequency greater than 200 ft². Though the DOD of this release does not require it to be remediated to the strictest standards pursuant to the Public Notice Effective 12/1/2024, “Karst Potential Occurrence Zones,” this release is located in a medium karst zone and as such is located in a sensitive area.*
- 6. Submit an updated remediation plan to the OCD by 9/19/25.”*

Please note that as Tetra Tech tabulated the analytical reports from the November 2024 assessment, it became apparent that the analytical results from T-1 and T-2 were switched. Therefore, S-2/T-2 was vertically delineated, and S-7/T-1 was the sample location not vertically delineated.

An extension request for this incident was submitted to the NMOCD and approved on September 22, 2025. An additional extension request was submitted and approved by NMOCD on December 18, 2025. Regulatory correspondence is included in Appendix B.

SITE ASSESSMENT (TETRA TECH)

On September 25, 2025, Tetra Tech was on Site to conduct additional assessment activities on behalf of ConocoPhillips. At the time of assessment activities, all production equipment associated with the Gehrig Federal #002 Battery had been decommissioned and removed by ConocoPhillips. Assessment activities included installing three (3) trenches (T-1-25 through T-3-25) within the release extent for vertical delineation as requested by the NMOCD to a maximum depth of 12 ft bgs. Four (4) hand auger borings

(AH-1 through AH-4) were installed to 1 ft bgs along the perimeter of the release extent to confirm horizontal delineation. The sample locations are presented in Figure 4. Photographic documentation of the Site conditions during the additional assessment activities is included in Appendix E.

On February 10, 2026, during the installation of the DTW boring, Tetra Tech personnel provided oversight of the installation of one (1) boring (BH-1) using an air rotary drilling rig. BH-1 was installed to 20 feet bgs in the area of S-7/T-1 to confirm vertical delineation.

A total of twenty-four (24) soil samples were sent to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for chloride via Standard Method 4500Cl-B, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B. A copy of the laboratory analytical report and chain-of-custody documentation are included in Appendix D.

SUMMARY OF RESULTS

The laboratory analytical results from the September 2025 and February 2026 assessment sampling activities are summarized in Table 2. Analytical results associated with surface soil intervals (0-4 feet bgs) at T-1-25 exceeded the reclamation limit for TPH (100 mg/kg). Surface soil intervals at AH-4 and T-2-25 exceeded the reclamation limit for chloride (600 mg/kg). Analytical results associated with subsurface soil intervals (greater than 4 feet bgs) at BH-1 exceeded the Site RRAL for chloride (10,000 mg/kg) to a depth of 10 feet bgs. Vertical delineation was achieved with BH-1 and T-1-25. Although AH-4 exceeded the reclamation limit for chloride, horizontal delineation was still achieved with the sampling event from October and November 2024.

REMEDIATION WORK PLAN

Based on the collected analytical results, ConocoPhillips proposes to remove the impacted material as shown in Figure 5. The release footprint in the area of S-2/T-2, T-1-25 and T-2-25 will be excavated to an approximate depth of 4 ft below the surrounding surface or until a representative sample from the walls and bottom of the excavation are below the Site RRALs. In the area of S-1, S-5, S-6, and AH-4 the release footprint will be excavated to an approximate depth of 1.5 ft below the surrounding surface or until a representative sample from the walls and bottom of the excavation are below the Site RRALs. In the area of S-3 and T-3-25 the release footprint will be excavated to an approximate depth of 2 ft below the surrounding surface or until a representative sample from the walls and bottom of the excavation are below the Site RRALs. Lastly, in the area of BH-1 the release footprint will be excavated to an approximate depth of between 11 to 14 ft below the surrounding surface or until a representative sample from the walls and bottom of the excavation are below the Site RRALs.

The excavation will be conducted using heavy equipment (backhoes, hoe rams, and/or track hoes) as permitted; however, areas in close proximity to steel surface/pressurized lines or other production equipment will be hand-dug to the maximum extent practicable and heavy equipment will come no more than 4 ft from any pressurized lines.

Excavated soils will be transported off Site and disposed of at an NMOCD-approved or permitted facility. The responsible party will notify the OCD two (2) business days prior to conducting final confirmation sampling pursuant to 19.15.29.12.D(1)(a) NMAC, using a Notification of Sampling (C-141N) application.

Confirmation bottom and sidewall samples representative of no more than 400 square feet will be collected for verification of remedial activities, and analyzed for TPH, BTEX, and chlorides. Once results are received, the excavation will then be backfilled with clean material to surface grade. The estimated volume of material to be remediated is approximately 1,477 cubic yards and an area of approximately 13,493 square ft.

SITE RECLAMATION AND MONITORING PLAN

Based on 19.15.29.13 NMAC, all areas disturbed by the remediation and closure will be reclaimed once confirmation sampling results below the reclamation requirements (or RRALs, respectively, for areas below 4 ft bgs) are received. Once acceptable confirmation sample results are received, the excavation will be

Release Characterization and Remediation Work Plan (Revised)
April 20, 2026

ConocoPhillips

backfilled with clean material to pre-release grade. In accordance with 19.15.29.12 NMAC, the reclaimed area will contain a minimum of 4 ft of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0 or Method 4500. The soil cover will include a top layer consisting of 1 ft of suitable material to establish vegetation at the site.

The backfilled areas in the pasture will be seeded following backfilling, to aid in revegetation. Based on the soils of the site, areas will be seeded with the BLM Seed Mixture 1 Loamy Sites to aid in revegetation will be used for seeding and will be planted in the amount specified in the pounds pure live seed (PLS) per acre. The seed mixture will be spread by a drill equipped with a depth regulator or a hand-held broadcaster and raked. If a hand-held broadcaster is used for dispersal, the pounds pure live seed per acre will be doubled. As this is pad is still active, final reclamation of the entire area shall take place in accordance with 19.15.29.12 NMAC once the active facility and well are no longer being used for oil and gas production.

Reclamation activities will be implemented in consultation with the BLM. ConocoPhillips will notify the BLM when reclamation and revegetation activities are complete.

CONCLUSION

Based on the results of the 2024 and 2025 release assessment and characterization, ConocoPhillips will remediate soils within the release extent impacted with chlorides and TPH above Site RRALs and reclamation limits. The proposed remediation activities will be conducted within 90 days of acceptance of the proposed plan. If you have any questions concerning the additional assessment activities for the Site or the proposed remediation work plan, please call me at (512) 596-8201.

Sincerely,
Tetra Tech, Inc.



Lisbeth Chavira
Project Manager



Samantha K. Abbott, P.G.
Senior Project Manager

cc:
Mr. Ike Tavarez, RMR – ConocoPhillips

LIST OF ATTACHMENTS

Figures:

- Figure 1 – Overview Map
- Figure 2 – Site Location/Topographic Map
- Figure 3 – Approximate Release Extent and Initial Site Assessment (Carmona)
- Figure 4 – Approximate Release Extent and Site Assessment (Tetra Tech)
- Figure 5 – Approximate Release Extent and Proposed Excavation Extent

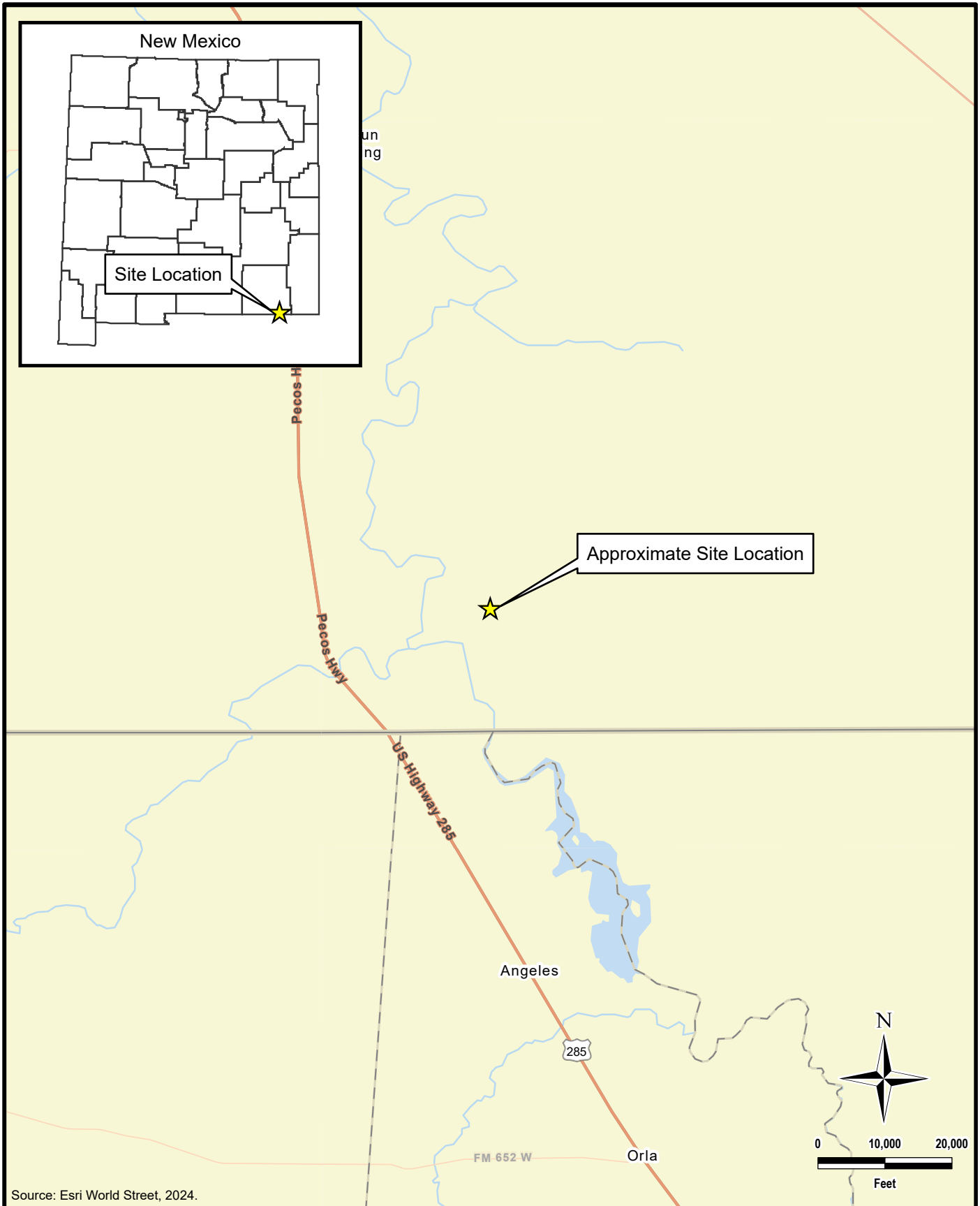
Tables:

- Table 1 – Summary of Analytical Results – Soil Assessment (Carmona)
- Table 2 – Summary of Analytical Results - Soil Assessment (Tetra Tech)

Appendices:

- Appendix A – C-141 Forms
- Appendix B – Regulatory Correspondence and Permitting
- Appendix C – Site Characterization Data
- Appendix D – Laboratory Analytical Results
- Appendix E – Photographic Documentation

FIGURES



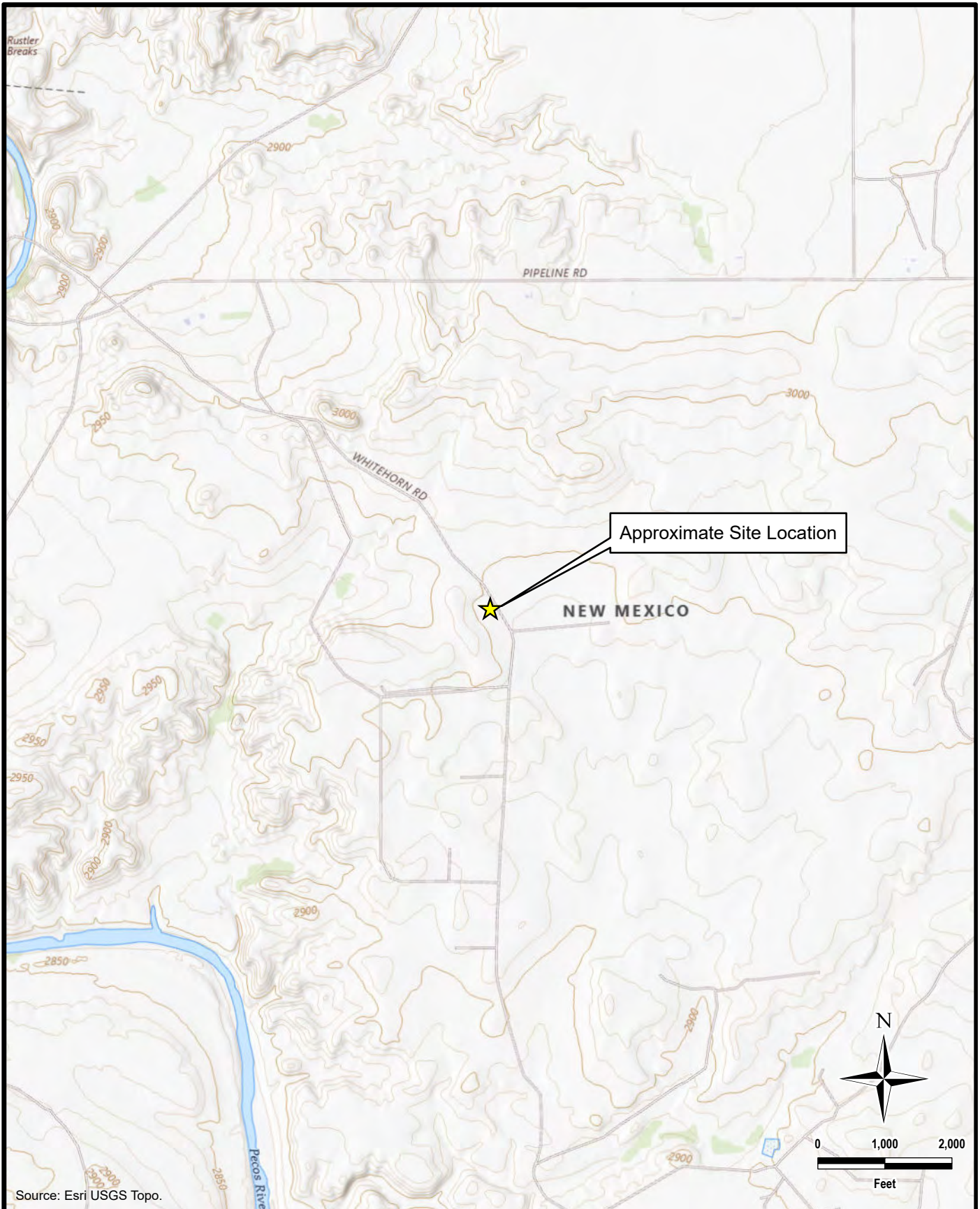
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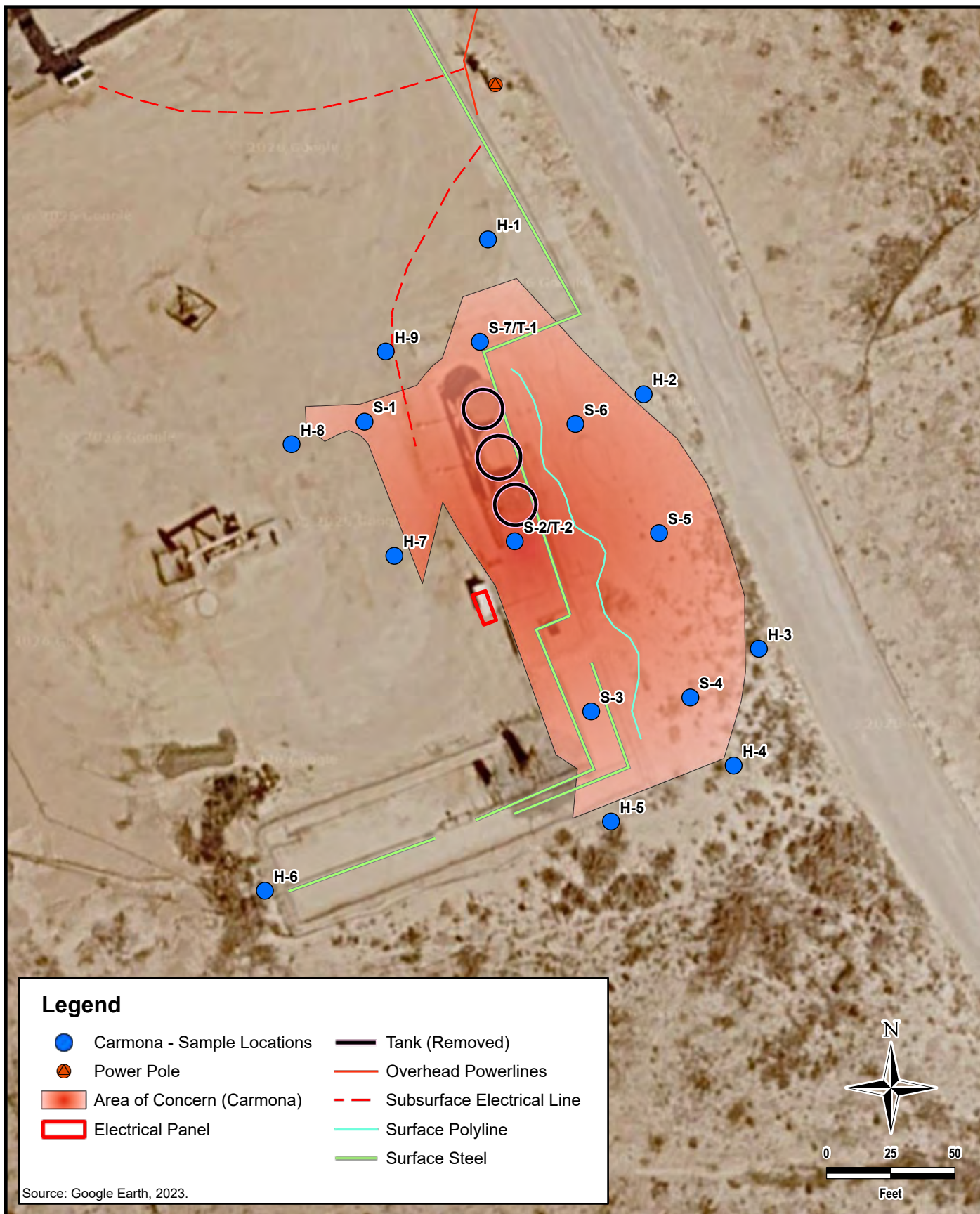
CONOCOPHILLIPS
 NAPP2426745334
 (32.050792°, -103.981128°)
 EDDY COUNTY, NEW MEXICO
**GEHRIG FEDERAL RELEASE
 OVERVIEW MAP**

PROJECT NO.: 212C-MD-03972
 DATE: FEBRUARY 19, 2026
 DESIGNED BY: LMV
 Figure No.
1



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	<p>GEHRIG FEDERAL RELEASE TOPOGRAPHIC MAP</p>	<p>DATE: FEBRUARY 19, 2026</p> <p>DESIGNED BY: LMV</p>
		<p>Figure No. 2</p>



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Legend

- Carmona - Sample Locations
- Power Pole
- Area of Concern (Carmona)
- Electrical Panel
- Tank (Removed)
- Overhead Powerlines
- Subsurface Electrical Line
- Surface Polyline
- Surface Steel

Source: Google Earth, 2023.



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CONOCOPHILLIPS

NAPP2426745334
 (32.050792°, -103.981128°)
 EDDY COUNTY, NEW MEXICO

**GHEHRIG FEDERAL RELEASE
 APPROXIMATE RELEASE EXTENT AND INITIAL SITE ASSESSMENT
 (CARMONA)**

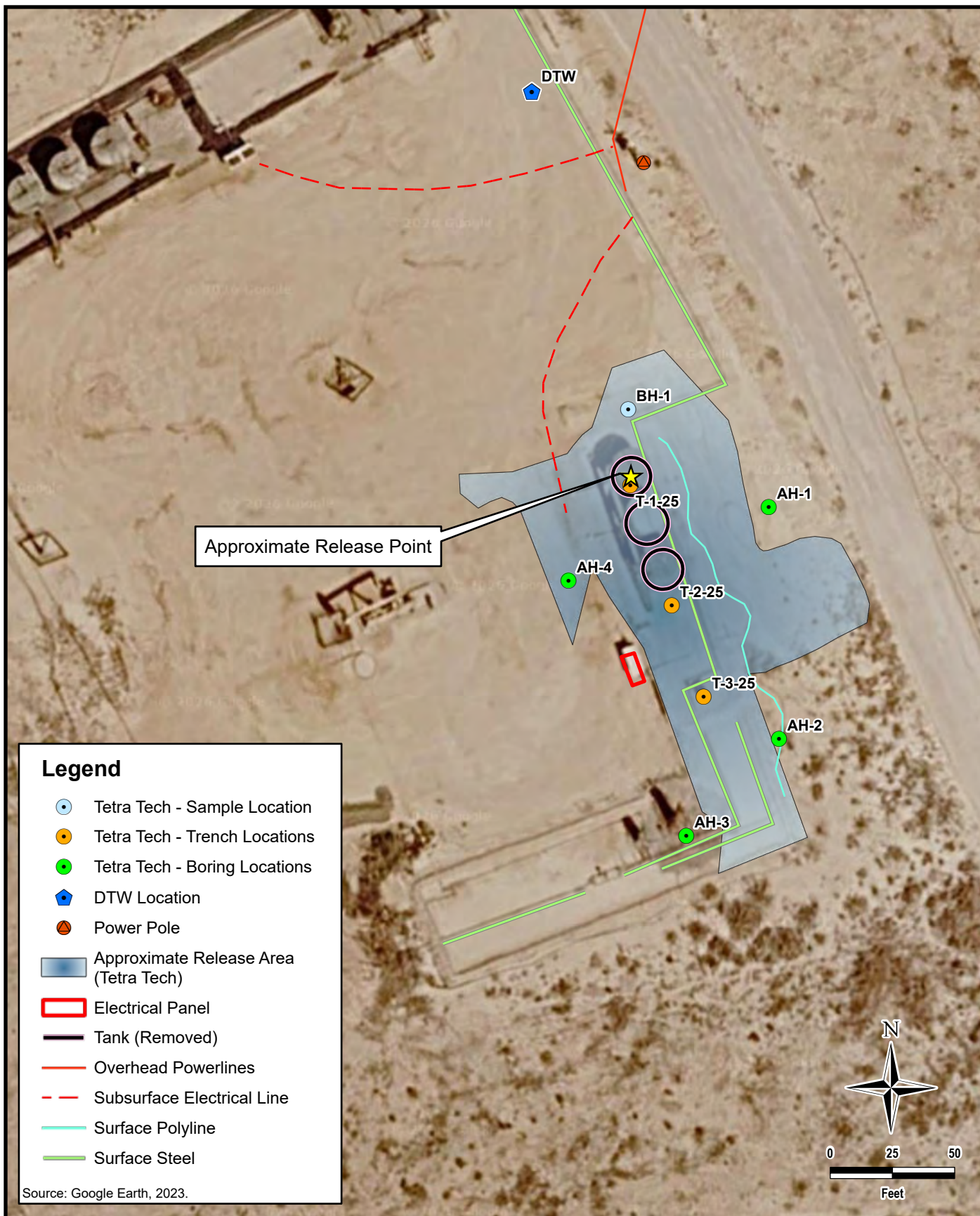
PROJECT NO.: 212C-MD-03972

DATE: FEBRUARY 19, 2026

DESIGNED BY: LMV

Figure No.

3



Legend

- Tetra Tech - Sample Location
- Tetra Tech - Trench Locations
- Tetra Tech - Boring Locations
- ◆ DTW Location
- ⊙ Power Pole
- Approximate Release Area (Tetra Tech)
- Electrical Panel
- Tank (Removed)
- Overhead Powerlines
- Subsurface Electrical Line
- Surface Polyline
- Surface Steel

Source: Google Earth, 2023.

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CONOCOPHILLIPS

NAPP2426745334
 (32.050792°, -103.981128°)
 EDDY COUNTY, NEW MEXICO

**GEHRIG FEDERAL RELEASE
 APPROXIMATE RELEASE EXTENT AND SITE ASSESSMENT (TETRA TECH)**

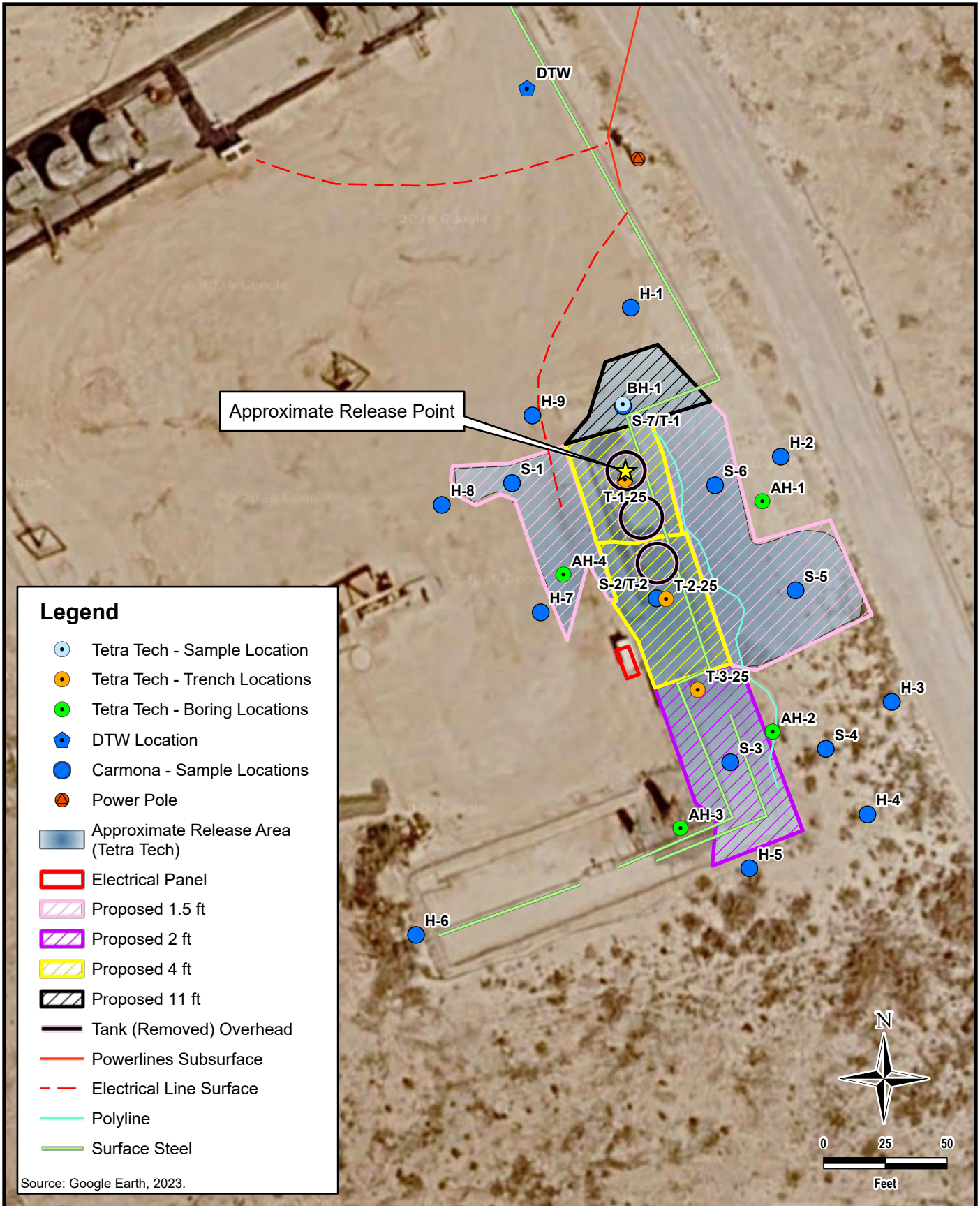
PROJECT NO.: 212C-MD-03972

DATE: FEBRUARY 19, 2026


DESIGNED BY: LMV

Figure No.

4



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 <p>www.tetrattech.com 901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946</p>	<p>CONOCOPHILLIPS</p> <p>NAPP2426745334 (32.050792°, -103.981128°) EDDY COUNTY, NEW MEXICO</p>	<p>PROJECT NO.: 212C-MD-03972</p> <p>DATE: MARCH 03, 2026</p> <p>DESIGNED BY: LMV</p>
	<p>GEHRIG FEDERAL RELEASE APPROXIMATE RELEASE EXTENT AND PROPOSED EXCAVATION EXTENT</p>	

TABLES

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
2025 SOIL ASSESSMENT - NAPP2426745334
CONOCOPHILLIPS
GEHRIG FEDERAL #002 BATTERY
LEA, NEW MEXICO

Sample ID	Sample Date	Sample Depth ft. bgs	Chloride ¹ mg/kg	BTEX ²								TPH ³			
				Benzene mg/kg	Toluene mg/kg	Ethylbenzene mg/kg	m,p-Xylenes mg/kg	o-Xylene mg/kg	Total Xylenes mg/kg	Total BTEX mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	
H-1	10/1/2024	0-0.5	358	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	
H-2	10/1/2024	0-0.5	299	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	
H-3	10/1/2024	0-0.5	23.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	
H-4	10/1/2024	0-0.5	<10.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	
H-5	10/1/2024	0-0.5	<10.1	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	<0.00403	<0.00403	<49.7	<49.7	<49.7	<49.7	
H-6	10/1/2024	0-0.5	<9.94	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	
H-7	10/1/2024	0-0.5	535	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	
H-8	10/1/2024	0-0.5	2,140	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<50.0	53.4	<50.0	53.4	
H-8	11/5/2024	0-0.5	550	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	
H-9	10/1/2024	0-0.5	415	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	
S-1	10/1/2024	0-1	1,510	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	<0.00403	<0.00403	<49.8	<49.8	<49.8	<49.8	
		1.5	511	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	
		2.0	290	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.7	<49.7	<49.7	<49.7	
		3.0	244	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	
S-2	10/1/2024	0-1	4,110	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	
		1.5	2,210	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	
		2.0	1,190	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	
		3.0	2,670	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<49.7	<49.7	<49.7	<49.7	
S-3	10/1/2024	0-1	9,060	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	98.6	<50.0	98.6	
		1.5	1,010	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	
		2.0	85.1	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	<0.00403	<0.00403	<49.8	<49.8	<49.8	<49.8	
		3.0	112	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	
S-4	10/1/2024	0-1	90.4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	
		1.5	241	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	
		2.0	208	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<0.00396	<50.0	<50.0	<50.0	<50.0	
S-5	10/1/2024	0-1	1,090	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	70.2	<50.0	70.2	
		1.5	297	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	
		2.0	168	<0.00199	<0.00314	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	
S-6	10/1/2024	0-1	2,930	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.8	68.5	<49.8	68.5	
		1.5	544	<0.00198	<0.00198	<0.00198	<0.00397	<0.00198	<0.00397	<0.00397	<49.9	73.9	<49.9	73.9	
		2.0	247	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.7	<49.7	<49.7	<49.7	
S-7	10/1/2024	0-1	6,240	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	
		1.5	3,930	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	
T-1	11/15/2024	0-1	2,980	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.7	<49.7	<49.7	<49.7	
		1.5	3,110	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	
		2.0	3,140	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	
		3.0	3,660	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	
		4.0	4,310	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	
		5.0	4,480	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	
T-2	11/15/2024	0-1	6,780	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	
		1.5	418	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	
		2.0	441	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	<0.00403	<0.00403	<49.9	<49.9	<49.9	<49.9	
		3.0	1,550	<0.00138	<0.00138	<0.00138	<0.00277	<0.00138	<0.00277	<0.00277	<49.9	<49.9	<49.9	<49.9	
		4.0	608	<0.00120	<0.00120	<0.00120	<0.00240	<0.00120	<0.00240	<0.00240	<49.7	<49.7	<49.7	<49.7	
		5.0	367	<0.00114	<0.00114	<0.00114	<0.00228	<0.00114	<0.00228	<0.00228	<50.0	<50.0	<50.0	<50.0	
		6.0	264	<0.00143	<0.00143	<0.00143	<0.00287	<0.00143	<0.00287	<49.8	<49.8	<49.8	<49.8		

NOTES:

ft. Feet **Bold and italicized values indicate exceedance of proposed RRALs and Reclamation Requirements.**
 bgs Below ground surface **Shaded rows indicate intervals proposed for excavation.**
 mg/kg Milligrams per kilogram
 TPH Total Petroleum Hydrocarbons **QUALIFIERS:**
 GRO Gasoline range organics
 DRO Diesel range organics
 MRO Motor Oil range organics
 NS Sample not analyzed for parameter
 1 EPA Method 300.0
 2 EPA Method 8021B
 3 Method SW8015 Mod

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
2025 SOIL ASSESSMENT- NAPP2426745334
CONOCOPHILLIPS
GEHRIG FEDERAL #002 BATTERY
LEA COUNTY, NEW MEXICO

19.15.29.12 NMAC Closure Criteria for Soils Impacted by a Release (Groundwater >55 ft):			Chlorides ¹	BTEX ²					TPH ³			
Sample ID	Sample Date	Sample Depth Interval ft. bgs	10,000 mg/kg	< 10 mg/kg	Toluene mg/kg	Ethylbenzene mg/kg	Total Xylenes mg/kg	< 50 mg/kg	GRO	DRO	EXT DRO	2,500 mg/kg
			Chloride mg/kg	Benzene mg/kg				Total BTEX mg/kg	C ₆ - C ₁₀ mg/kg	> C ₁₀ - C ₂₈ mg/kg	> C ₂₈ - C ₃₆ mg/kg	Total TPH (GRO+DRO+EXT DRO) mg/kg
AH-1	9/25/2025	0-1	32.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	ND
AH-2	9/25/2025	0-1	16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	ND
AH-3	9/25/2025	0-1	16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	ND
AH-4	9/25/2025	0-1	1,410	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	ND
T-1-25	9/25/2025	0-1	384	<0.100	10.9	4.78	17.0	32.7	2,990	13,100	2,240	18,330
		2-3	512	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	ND
		3-4	208	<0.050	5.78	2.48	9.55	17.8	2,280	11,700	1,950	15,930
		5-6	320	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	ND
		6-7	288	<0.050	<0.050	0.317	0.545	0.864	47.8	934	212	981.8
		11-12	256	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.3	<10.0	12.3
T-2-25	9/25/2025	0-1	1,620	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	ND
		2-3	1,540	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	ND
		3-4	800	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	ND
		5-6	1,660	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	ND
		6-7	1,180	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	ND
		7-8	720	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	ND
		9-10	304	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	ND
T-3-2025	9/25/2025	0-1	144	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	21.4	<10.0	21.4
		2-3	272	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	ND
		9-10	3,560	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	ND
BH-1	2/10/2026	7-8	11,800	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	ND
		9-10	11,200	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	ND
		14-15	2190	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	ND
		19-20	448	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	ND

NOTES:

- ft. Feet
- bgs Below ground surface
- mg/kg Milligrams per kilogram
- TPH Total Petroleum Hydrocarbons
- GRO Gasoline range organics
- DRO Diesel range organics
- 1 Method SM4500C1-B
- 2 Method 8021B
- 3 Method 8015M
- ND Not detected

Bold and italicized values indicate exceedance of proposed RRALs.

Shaded rows indicate intervals proposed for excavation.

APPENDIX A C-141 Forms

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720
District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 385847

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 385847
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Gehrig Federal #1
Date Release Discovered	09/22/2024
Surface Owner	Federal

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

Nature and Volume of Release	
<i>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.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Fire Tank (Any) Produced Water Released: 50 BBL Recovered: 0 BBL Lost: 50 BBL.
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	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 385847

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 385847
	Action Type: [NOTIFY] Notification Of Release (NOR)

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; (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

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

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

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

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

ACKNOWLEDGMENTS

Action 385847

ACKNOWLEDGMENTS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 385847
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	I acknowledge the fact that 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.
<input checked="" type="checkbox"/>	I acknowledge the fact that, 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.

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

CONDITIONS

Action 385847

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 385847
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
jacquih	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	9/23/2024

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

QUESTIONS

Action 408033

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 408033
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2426745334
Incident Name	NAPP2426745334 GEHRIG FEDERAL #1 @ 30-015-33600
Incident Type	Fire
Incident Status	Initial C-141 Received
Incident Well	[30-015-33600] GEHRIG FEDERAL #001

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Gehrig Federal #1
Date Release Discovered	09/22/2024
Surface Owner	Federal

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

Nature and Volume of Release	
<i>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.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Fire Tank (Any) Produced Water Released: 50 BBL Recovered: 0 BBL Lost: 50 BBL.
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	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 408033

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 408033
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

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; (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

The source of the release has been stopped	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: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 12/03/2024
--	---

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

QUESTIONS, Page 3

Action 408033

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 408033
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

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)	Not answered.
What method was used to determine the depth to ground water	Not answered.
Did this release impact groundwater or surface water	Not answered.
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	Not answered.
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Not answered.
An occupied permanent residence, school, hospital, institution, or church	Not answered.
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Not answered.
Any other fresh water well or spring	Not answered.
Incorporated municipal boundaries or a defined municipal fresh water well field	Not answered.
A wetland	Not answered.
A subsurface mine	Not answered.
An (non-karst) unstable area	Not answered.
Categorize the risk of this well / site being in a karst geology	Not answered.
A 100-year floodplain	Not answered.
Did the release impact areas not on an exploration, development, production, or storage site	Not answered.

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	No
<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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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 408033

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 408033
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	None	12/4/2024

Provide any known details about the event:

side of circulation pump, head caused circ line to rupture spilling 0.5 bbl oil, water tank had 55 bbls, fire also melted secondary containment under circ pump, it had been 27 hours since last check

Recovered Volume (bbl.) (if available, not included in volume calculations) Method of Determination (dropdown) Release Type (dropdown): > 1/2" of Rain in Last 24 Hours (dropdown):

% Rainwater Rec volume calculat

BU Permian Asset Area: DBW - Fine Sands 0.5 Field Measurement Produced Water Yes

Known Volume (dropdown):

No

Known Area (dropdown):

No

Spill Calculation - Subsurface Spill - Rectangle

Convert irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Average Depth (in.)	On/Off Pad (dropdown)	Soil Spilled-Fluid Saturation (%)	Estimated volume of each area (bbl.)	Total Estimated Volume of Spill (bbl.)
Rectangle A	29.0	38.0	3.5	On-Pad	8.00%	57.21	4.58
Rectangle B	36.0	11.0	3.5	On-Pad	8.00%	20.56	1.64
Rectangle C	16.0	5.0	3.5	On-Pad	8.00%	4.15	0.33
Rectangle D	57.0	24.0	3.5	On-Pad	8.00%	71.02	5.68
Rectangle E	61.0	24.0	3.0	On-Pad	8.00%	65.15	5.21
Rectangle F	183.0	54.0	2.5	Off-Pad	10.43%	366.46	38.22
Rectangle G	2.0	1.0	3.0	On-Pad	8.00%	0.09	0.01
Rectangle H				On-Pad	8.00%	0.00	0.00
Rectangle I						0.00	
Rectangle J						0.00	

Total Subsurface Volume Released: 55.6762

Remediation F

Total Estimated Contaminated Soil, uncompacted, 25% (yd ³ .)
14.88
5.35
1.08
18.47
16.94
95.31
0.02
0.00
0.00
0.00
152.06

Instructions Falcon Liner Poly Liner - Gravel Subsurface Spill - Rectangle Subsurface Spill - Cylinder Change Log

Ready Accessibility: Investigate

Windows taskbar with search bar and application icons (File Explorer, Mail, Edge, etc.)



APPENDIX B

Regulatory Correspondence and Permitting

Chavira, Lisbeth

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Monday, September 22, 2025 9:07 AM
To: Chavira, Lisbeth
Cc: Abbott, Sam; Bratcher, Michael, EMNRD
Subject: RE: [EXTERNAL] Extension Request - GEHRIG FEDERAL #1 (nAPP2426745334)

⚠ CAUTION: This email originated from an external sender. Verify the source before opening links or attachments. **⚠**

Hi Lisbeth,

A 90-day extension is approved for nAPP2426745334 GEHRIG FEDERAL #1. A remediation plan or remediation closure report must be submitted to the OCD Permitting website no later than December 18, 2025. Please include a copy of this and all notifications in the report to ensure the notifications are documented in the project file.

Releases that occurred prior to December 1, 2024 in medium karst areas do not fall under the guidance of the “Karst Potential Occurrence Zones” Public Notice document. As such as long as any part of the release area does not fall within the setbacks listed in 19.15.29.12.C.(4) NMAC, the release may be remediated to depth to groundwater standards in Table I. The following guidance should be used: if there are no wells within ½ mile of the site and/or the data from that well is more than 25 years old, a borehole can be drilled to 51’ or 101’. If water is not detected in the open borehole after a 72-hour period, the OCD will accept this as a viable determination of depth to ground water. A copy of the driller’s log is required.

There are no further requirements that need to be addressed beyond the remediation and reclamation pursuant to 19.15.29.12 and 13 NMAC.

Kind regards,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

From: Chavira, Lisbeth <LISBETH.CHAVIRA@tetrattech.com>
Sent: Friday, September 19, 2025 3:25 PM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Cc: Abbott, Sam <Sam.Abbott@tetrattech.com>
Subject: [EXTERNAL] Extension Request - GEHRIG FEDERAL #1 (nAPP2426745334)

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

Shelly,

On behalf of ConocoPhillips, Tetra Tech is requesting a 90-day extension (until December 18, 2025) to complete additional sampling and reporting associated with the Gehrig Federal #001 Release (NAPP2426745334) in Eddy County, NM.

A Remediation Work Plan dated March 12, 2025 was prepared by Caromona Resources on behalf of ConocoPhillips. ConocoPhillips submitted the Work Plan to the NMOCD portal on June 10, 2025.

The Remediation Work Plan was rejected by the NMOCD on July 21, 2025, with the following comments:

- *“Remediation plan denied for the following reasons:*
 - *The coordinates listed in the report are the coordinates listed for Gehrig Federal Com #005H according to OCD Permitting records. The photographs taken put the release at Gehrig Federal Com #005H as well, however the NOR submitted puts the release at 32.055100001, -103.980400001 which according to Permitting is the location of Gehrig Federal #1. Verify correct location.*
 - *Under the Proposed Work Plan, it states that the area of S-2/T-2 will be excavated to a depth of 5’ bgs while impacts were found at least through 6’. In addition, it states that the area of S-7/T-1 will be excavated to a depth of 7’ below the surface, or until chloride concentrations <600 mg/kg, though impacts were reported through 4’ depth only. Were these two areas mixed up regarding the intended depths of excavation? Please clarify.*
 - *Under the Site Characterization portion of the C-141 application, the minimum distances to the following are incorrect and are required to be updated during application resubmission: any lakebed, sinkhole, or playa lake (1/2-1 mile N) and a 100-year floodplain (1/2-1 mile S).*
 - *T-2 requires vertical delineation to below Table I Closure Criteria.*
 - *A sampling variance request is denied to collect samples at a frequency greater than 200 ft². Though the DOD of this release does not require it to be remediated to the strictest standards pursuant to the Public Notice Effective 12/1/2024, “Karst Potential Occurrence Zones,” this release is located in a medium karst zone and as such is located in a sensitive area.*
 - *Submit an updated remediation plan to the OCD by 9/19/25.”*

Based on the rejection, ConocoPhillips with Tetra Tech is actively working to address each of NMOCD’s comments. As of the date of this email, the tank battery and equipment within the release footprint have been removed from the site, which will allow access for vertical delineation.

Thus, ConocoPhillips requests additional time to complete additional site assessment and submit a revised work plan to NMOCD.

Site assessment activities are scheduled for the week of September 22nd.

The following updates will be incorporated into the revised remediation work plan:

- The accurate GPS coordinates and the correct well API associated with the release.
- Excavation depths will be revised based on the latest analytical data, and the excavation areas for S-7/T-1 and S-2/T-2 will be clearly distinguished, as these two areas were mistakenly interchanged in the original report.
- The site characterization with the correct distance to any lakebed, sinkhole, or playa lake and a 100-year floodplain will be corrected during resubmission.
- The sampling frequency will be updated.

As for the Karst zone for the release, the comment stated that *“though the DOD of this release does not require it to be remediated to the strictest standards pursuant to the Public Notice Effective 12/1/2024, “Karst Potential Occurrence Zones,” this release is located in a medium karst zone and as such is located in a sensitive area.”*. If ConocoPhillips elects

to install a depth to groundwater boring to set the action levels to 10,000 mg/kg for chloride and 2,500 mg/kg for TPH, would a karst survey need to be conducted to reclassify the Karst zone?

Additionally, as noted, the production equipment within the release footprint has been decommissioned and removed. Are there any further requirements that need to be addressed beyond the remediation and reclamation of the area due to the equipment removal? Please note that although that equipment has been removed, the pad is still active with a separate facility.

The requested additional time is required to perform the following items:

- Health and Safety Planning
- Additional site assessment sampling
- Analytical analysis
- Completion of the site characterization and preparation of the report for OCD review.

Once the assessment activities are completed and collected sampling data is tabulated and evaluated, a report will be submitted to the OCD.

Please let me know if you have any questions or need additional information.

Thank you and have a nice weekend.

Lisbeth Chavira | Project Manager

Direct Mobile +1 (512) 596-8201 | Lisbeth.chavira@tetratech.com

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8911 N. Capital of Texas Highway | Bldg. 2, Suite 2310 | Austin, TX 78759 | tetratech.com

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Chavira, Lisbeth

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Thursday, December 18, 2025 5:29 PM
To: Chavira, Lisbeth
Cc: Abbott, Sam; Bratcher, Michael, EMNRD
Subject: RE: [EXTERNAL] Extension Request - GEHRIG FEDERAL #1 (nAPP2426745334)

⚠ CAUTION: This email originated from an external sender. Verify the source before opening links or attachments. **⚠**

Good evening Lisbeth,

As this release is more than a year old, this will be the FINAL extension granted. A remediation plan or remediation closure report is required to be submitted to the OCD by February 16, 2026. Please include a copy of this and all notifications in the report to ensure the notifications are documented in the project file.

Kind regards,

Shelly

Shelly Wells * Senior Environmental Scientist
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

From: Chavira, Lisbeth <LISBETH.CHAVIRA@tetrattech.com>
Sent: Thursday, December 18, 2025 4:13 PM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Cc: Abbott, Sam <Sam.Abbott@tetrattech.com>
Subject: [EXTERNAL] Extension Request - GEHRIG FEDERAL #1 (nAPP2426745334)

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

Shelly,

On behalf of ConocoPhillips, Tetra Tech is requesting an additional 60-day extension (until February 16, 2024) to complete reporting associated with the Gehrig Federal #001 Release (NAPP2426745334) in Eddy County, NM.

A Remediation Work Plan dated March 12, 2025 was prepared by Caromona Resources on behalf of ConocoPhillips. ConocoPhillips submitted the Work Plan to the NMOCD portal on June 10, 2025.

The Remediation Work Plan was rejected by the NMOCD on July 21, 2025, with the following comments:

- *“Remediation plan denied for the following reasons:*
 - *The coordinates listed in the report are the coordinates listed for Gehrig Federal Com #005H according to OCD Permitting records. The photographs taken put the release at Gehrig Federal Com #005H as well,*

however the NOR submitted puts the release at 32.055100001, -103.980400001 which according to Permitting is the location of Gehrig Federal #1. Verify correct location.

- Under the Proposed Work Plan, it states that the area of S-2/T-2 will be excavated to a depth of 5' bgs while impacts were found at least through 6'. In addition, it states that the area of S-7/T-1 will be excavated to a depth of 7' below the surface, or until chloride concentrations <600 mg/kg, though impacts were reported through 4' depth only. Were these two areas mixed up regarding the intended depths of excavation? Please clarify.
- Under the Site Characterization portion of the C-141 application, the minimum distances to the following are incorrect and are required to be updated during application resubmission: any lakebed, sinkhole, or playa lake (1/2-1 mile N) and a 100-year floodplain (1/2-1 mile S).
- T-2 requires vertical delineation to below Table I Closure Criteria.
- A sampling variance request is denied to collect samples at a frequency greater than 200 ft². Though the DOD of this release does not require it to be remediated to the strictest standards pursuant to the Public Notice Effective 12/1/2024, "Karst Potential Occurrence Zones," this release is located in a medium karst zone and as such is located in a sensitive area.
- Submit an updated remediation plan to the OCD by 9/19/25."

Based on the rejection, ConocoPhillips with Tetra Tech have been actively working on addressing each of NMOCD's comments.

As of the date of this email, Tetra Tech on behalf of ConocoPhillips has conducted additional assessment.

On September 25, 2025, Tetra Tech personnel were on site with a subcontractor and installed three (3) trenches within the release footprint and four (4) additional hand augers.

Vertical delineation was achieved during the assessment activities.

There is no water well within 800 meters of the site to determine the depth to groundwater.

Thus, to adequately determine depth to groundwater and complete the site characterization, ConocoPhillips is planning to install a depth to groundwater boring.

During this time, Tetra Tech on behalf of ConocoPhillips contacted the BLM for approval to install a depth to groundwater as this release is on land managed by the BLM and landowner approval is required when filling the Application for Permit to Drill to the Office of State Engineer (OSE).

The BLM was emailed on October 16, 2025 (during the federal government shutdown), and approval was granted on October 29, 2025.

Tetra Tech submitted the permits to the NMOSE following approval and permits were received via mail the second week of December.

Therefore, additional time is required to perform the following items:

- Scheduling with an available drilling subcontractor.
- Completion of the site characterization and preparation of the report for OCD review.

Once the DTW boring is completed a report will be submitted to the OCD.

Thank you in advance.

Lisbeth Chavira | Project Manager

Direct Mobile +1 (512) 596-8201 | Lisbeth.chavira@tetratech.com

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8911 N. Capital of Texas Highway | Bldg. 2, Suite 2310 | Austin, TX 78759 | tetratech.com

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Elizabeth K. Anderson, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 793606
File Nbr: C 05032

Nov. 21, 2025

LISBETH CHAVIRA
TETRA TECH ON BEHALF OF CONOCOPHILLIPS
8911 N. CAPITAL OF TEXAS HWY
#2310
AUSTIN, TX 78759

Greetings:

Your approved copy of the above numbered permit to drill a well for non-consumptive purposes is enclosed. You must obtain an additional permit if you intend to use the water. It is your responsibility to provide the contracted well driller with a copy of the permit that must be made available during well drilling activities.

Carefully review the attached conditions of approval for all specific permit requirements.

- * If use of this well is temporary in nature and the well will be plugged at the end of the well usage, the OSE must initially approve of the plugging. If plugging approval is not conditioned in this permit, the applicant must submit a Plugging Plan of Operations for approval prior to the well being plugged. The Plugging Record must be properly completed and submitted to the OSE within 30 days of the well plugging.
- * If the final intended purpose and condition requires a well ID tag and meter installation, the applicant must immediately send a completed meter report form to this office.
- * The well record and log must be submitted within 30 days of the completion of the well or if the attempt was a dry hole.
- * You, the permittee, are required to email nm.driller@ose.nm.gov with the following information when the driller is enroute to the drilling site: OSE File number, POD number, physical address, driller company and license number, and date/time driller is to be on site.
- * This permit expires and will be cancelled if no well is drilled and/or a well log is not received by the date set forth in the conditions of approval.

Appropriate forms can be downloaded from the OSE website www.ose.nm.gov.

Sincerely,

Vanessa Clements
(575) 622-6521

Enclosure

File No. **C-5032 Pod1**

NEW MEXICO OFFICE OF THE STATE ENGINEER



WR-07 APPLICATION FOR PERMIT TO DRILL

A WELL WITH NO WATER RIGHT

(check applicable boxes):

For fees, see State Engineer website: <https://www.ose.nm.gov/>

Purpose:	<input type="checkbox"/> Pollution Control And/Or Recovery	<input type="checkbox"/> Ground Source Heat Pump
<input type="checkbox"/> Exploratory Well*(Pump test)	<input type="checkbox"/> Construction Site/Public Works Dewatering	<input checked="" type="checkbox"/> Other(Describe): Depth to Groundwater
<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Mine Dewatering	

A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive.
 *New Mexico Environment Department-Drinking Water Bureau (NMED-DWB) will be notified if a proposed exploratory well is used for public water supply.

Yes No Angled/Directional borehole - include schematic and azimuth, inclination, measured depth and true vertical depth.

Temporary Request - Requested Start Date: 11/06/2025 Requested End Date: 11/06/2026

Plugging Plan of Operations Submitted? Yes No

Note: if there is known artesian conditions, contamination or high mineral content at the drilling location, include the borehole log or a well log from an existing well at that location. If this information is not submitted, check box and attach form WD-09 to this form.

1. APPLICANT(S)

Name: Tetra Tech on behalf of ConocoPhillips	Name:
Contact or Agent: Lisbeth Chavira	Contact or Agent: check here if Agent <input type="checkbox"/>
Mailing Address: 8911 N. Capital of Texas HWY #2310	Mailing Address:
City: Austin	City:
State: Texas Zip Code: 78759	State: Zip Code:
Phone: (512) 596-8201 <input type="checkbox"/> Home <input type="checkbox"/> Cell	Phone: <input type="checkbox"/> Home <input type="checkbox"/> Cell
E-mail (optional): lisbeth.chavira@tetrattech.com	E-mail (optional):

FOR USE INTERNAL USE Application for Permit, Form WR-07, Rev 10/02/2024

File No.: C-5032	Trn. No.: 793606	Receipt No.: 2-48576
Trans Description (optional): EXPL		
Sub-Basin: CUB	PCW/LOG Due Date: 11-21-2024	

2. WELL(S) Describe the well(s) applicable to this application.

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84). District II (Roswell), District V (Aztec) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

- NM State Plane (NAD83) (Feet)
 - NM West Zone
 - NM East Zone
 - NM Central Zone
- UTM (NAD83) (Meters)
 - Zone 12N
 - Zone 13N
- Lat/Long (WGS84) (to the nearest 1/10th of second)

Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	-Public Land Survey System (PLSS) (QQQSection, Township, Range) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name	Well Depth in feet	Casing Diameter (OD)
C-5032 Pod1 Gehrig DTW #001	32.051175°	-103.981219	P-09-26S-29E	55 FT	2 in.

NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions) Additional well descriptions are attached: Yes No If yes, how many _____

Other description relating well to common landmarks, streets, or other: _____

Well is on land owned by: Bureau of Land Management

Well Information: NOTE: If casings telescope or involve nested casing, please provide diagram. Attached? Yes No

Approximate depth to water (feet): 55	Outside diameter of well casing (inches):
Driller Name: Lane Scarborough	Driller License Number: WD1188

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

Drilling temporary monitoring well to determine depth to groundwater. The well will be installed within an active well pad on BLM land. BLM was emailed on 10/16/2025 for access approval. BLM approved the DTW location on 10/29/2025 (attached).

FOR OSE INTERNAL USE Application for Permit, Form WR-07 Version 10/02/2024

File No.: C-5032	Trn No.: 793606
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4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

<p>Exploratory*: Is proposed well a future public water supply well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NO If Yes, an application must be filed with NMED-DWB, concurrently. <input type="checkbox"/> Include a description of any proposed pump test, if applicable.</p>	<p>Pollution Control and/or Recovery: <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for the pollution control or recovery operation. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The annual diversion amount. <input type="checkbox"/> The annual consumptive use amount. <input type="checkbox"/> The maximum amount of water to be diverted and injected for the duration of the operation. <input type="checkbox"/> The method and place of discharge. <input type="checkbox"/> The method of measurement of water produced and discharged. <input type="checkbox"/> The source of water to be injected. <input type="checkbox"/> The method of measurement of water injected. <input type="checkbox"/> The characteristics of the aquifer. <input type="checkbox"/> The method of determining the resulting annual consumptive use of water and depletion from any related stream system. <input type="checkbox"/> Proof of any permit required from the New Mexico Environment Department. <input type="checkbox"/> An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.</p>	<p>Construction De-Watering: <input type="checkbox"/> Include a description of the proposed dewatering operation, <input type="checkbox"/> The estimated duration of the operation, <input type="checkbox"/> The maximum amount of water to be diverted, <input type="checkbox"/> A description of the need for the dewatering operation, and, <input type="checkbox"/> A description of how the diverted water will be disposed of.</p> <p>Ground Source Heat Pump: <input type="checkbox"/> Include a description of the geothermal heat exchange project, <input type="checkbox"/> The number of boreholes for the completed project and required depths. <input type="checkbox"/> The time frame for constructing the geothermal heat exchange project, and, <input type="checkbox"/> The duration of the project. <input type="checkbox"/> Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.</p>	<p>Mine De-Watering: <input type="checkbox"/> Include a plan for Mine De-Watering, that includes the following: <input type="checkbox"/> A description of the need for mine dewatering. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The source(s) of the water to be diverted. <input type="checkbox"/> The hydrologic characteristics of the aquifer(s). <input type="checkbox"/> The maximum amount of water to be diverted per annum. <input type="checkbox"/> The maximum amount of water to be diverted for the duration of the operation. <input type="checkbox"/> The quality of the water. <input type="checkbox"/> The method of measurement of water diverted. <input type="checkbox"/> The recharge of water to the aquifer. <input type="checkbox"/> Description of the estimated area of hydrologic effect of the project. <input type="checkbox"/> The method and place of discharge. <input type="checkbox"/> An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. <input type="checkbox"/> A description of the methods employed to estimate effects on surface water rights and underground water rights. <input type="checkbox"/> Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.</p>
--	---	--	--

(* if exploration or monitoring drilling activity is required by NMED, then you must also submit the NMED Work Plan)

ACKNOWLEDGEMENT

I, We (name of applicant(s)), Lisbeth Chavira

Print Name(s)

affirm that the foregoing statements are true to the best of (my,our) knowledge and belief

[Handwritten Signature]
Applicant Signature

Applicant Signature

ACTION OF THE STATE ENGINEER

This application is:

- approved
- partially approved
- denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of the State of New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.



Witness my hand and seal this 21st day of November 20 25, for the State Engineer.

Elizabeth K. Anderson, P.E., State Engineer

By: *K. Parekh*
Signature

Kashyap Parekh
Print

Title: Supervisor, Water Resources
Print

FOR OSE INTERNAL USE

Application for Permit, Form WR-07 Version 10/02/2024

File No: C-5032 Trn No: 793606

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL

- 17-16 Construction of a water well by anyone without a valid New Mexico Well Driller License is illegal, and the landowner shall bear the cost of plugging the well by a licensed New Mexico well driller. This does not apply to driven wells, the casing of which does not exceed two and three-eighths inches outside diameter.
- 17-1A Depth of the well shall not exceed the thickness of the valley fill.
- 17-4 No water shall be appropriated and beneficially used under this permit.
- 17-6 The well authorized by this permit shall be plugged completely using the following method per Rules and Regulations Governing Well Driller Licensing, Construction, Repair and Plugging of Wells; Subsection C of 19.27.4.30 NMAC unless an alternative plugging method is proposed by the well owner and approved by the State Engineer upon completion of the permitted use. All pumping appurtenance shall be removed from the well prior to plugging. To plug a well, the entire well shall be filled from the bottom upwards to ground surface using a tremie pipe. The bottom of the tremie shall remain submerged in the sealant throughout the entire sealing process; other placement methods may be acceptable and approved by the state engineer. The well shall be plugged with an office of the state engineer approved sealant for use in the plugging of non-artesian wells. The well driller shall cut the casing off at least four (4) feet below ground surface and fill the open hole with at least two vertical feet of approved sealant. The driller must fill or cover any open annulus with sealant. Once the sealant has cured, the well driller or well owner may cover the seal with soil. A Plugging Report for said well shall be filed with the Office of the State Engineer in a District Office within 30 days of completion of the plugging.

Trn Desc: C 05032 POD1

File Number: C 05032

Trn Number: 793606

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

- 17-7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.
- 17-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with 72-12-12 NMSA 1978. A licensed driller shall not be required for the construction of a well driven without the use of a drill rig, provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter.
- 17-C The well driller must file the well record with the State Engineer and the applicant within 30 days after the well is drilled or driven. It is the well owner's responsibility to ensure that the well driller files the well record.
The well driller may obtain the well record form from any District Office or the Office of the State Engineer website.
- 17-C2 No water shall be diverted from this well except for testing purposes which shall not exceed ten (10) cumulative days, and well shall be plugged or capped on or before , unless a permit to use water from this well is acquired from the Office of the State Engineer.
- 17-G If artesian water is encountered, the well driller shall comply with all rules and regulations pertaining to the drilling and casing of artesian wells.
- 17-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.

Trn Desc: C 05032 POD1

File Number: C 05032

Trn Number: 793606

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

- 17-Q The State Engineer retains jurisdiction over this permit.
- 17-R Pursuant to section 72-8-1 NMSA 1978, the permittee shall allow the State Engineer and OSE representatives entry upon private property for the performance of their respective duties, including access to the ditch or acequia to measure flow and also to the well for meter reading and water level measurement.
- LOG The Point of Diversion C 05032 POD1 must be completed and the Well Log filed on or before 11/21/2026.

IT IS THE PERMITTEE'S RESPONSIBILITY TO OBTAIN ALL AUTHORIZATIONS AND PERMISSIONS TO DRILL ON PROPERTY OF OTHER OWNERSHIP BEFORE COMMENCING ACTIVITIES UNDER THIS PERMIT.

ACTION OF STATE ENGINEER

Notice of Intention Rcvd:	Date Rcvd. Corrected:
Formal Application Rcvd: 11/12/2025	Pub. of Notice Ordered:
Date Returned - Correction:	Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witness my hand and seal this 21 day of Nov A.D., 2025

Elizabeth K. Anderson, P.E., State Engineer

By: K. Parekh
KASHYAP PAREKH



Trn Desc: C 05032 POD1

File Number: C 05032
Trn Number: 793606

OFFICE OF THE STATE ENGINEER/INTERSTATE STREAM COMMISSION – ROSWELL OFFICE

OFFICIAL RECEIPT NUMBER: **2-48576** DATE: 11-12-2025 FILE NO.: TBD
 TOTAL: 5.00 RECEIVED: five DOLLARS CHECK NO.: 19-7661886 CASH: _____ STATE: TX
 PAYOR: Tetra Tech ADDRESS: 8911 N Capital of TX Hwy #2310 CITY: Austin
 ZIP: 78759 RECEIVED BY: VC

INSTRUCTIONS: Indicate the number of actions to the left of the appropriate type of filing. Complete the receipt information. Original to payor; pink copy to Program Support/ASD; and yellow copy for Water Rights. If a mistake is made, void the original and all copies and submit to Program Support/ASD as part of your daily deposit.

A. Ground Water Filing Fees		B. Surface Water Filing Fees		C. Well Driller Fees		D. Reproduction of Documents		E. Certification		F. Other		G. Comments:	
1.	Change of Ownership of Water Right	\$ 2.00	1.	Change of Ownership of a Water Right	\$ 5.00	1.	Application for Well Driller's License	\$ 50.00					
2.	Application to Appropriate or Supplement Domestic 72-12-1 Well	\$ 125.00	2.	Declaration of Water Right	\$ 10.00	2.	Application for Renewal of Well Driller's License	\$ 50.00					
3.	Application to Repair or Deepen 72-12-1 Well	\$ 75.00	3.	Amended Declaration	\$ 25.00	3.	Application to Amend Well Driller's License	\$ 50.00					
4.	Application for Replacement 72-12-1 Well	\$ 75.00	4.	Application to Change Point of Diversion and Place and/or Purpose of Use from Surface Water to Surface Water	\$ 200.00								
5.	Application to Change Purpose of Use 72-12-1 Well	\$ 75.00	5.	Application to Change Point of Diversion and Place and/or Purpose of Use from Ground Water to Surface Water	\$ 200.00								
6.	Application for Stock Well/Temp. Use	\$ 5.00	6.	Application to Change Point of Diversion	\$ 100.00								
7.	Application to Appropriate Irrigation, Municipal, or Commercial Use	\$ 25.00	7.	Application to Change Place and/or Purpose of Use	\$ 100.00								
8.	Declaration of Water Right	\$ 1.00	8.	Application to Appropriate	\$ 25.00								
9.	Application for Additional Point of Diversion Non 72-12-1 Per Well	\$ 25.00	9.	Notice of Intent to Appropriate	\$ 25.00								
10.	Application to Change Place or Purpose of Use Non 72-12-1 Well	\$ 25.00	10.	Application for Extension of Time	\$ 50.00								
11.	Application to Change Point of Diversion and Place and/or Purpose of Use from Surface Water to Ground Water	\$ 50.00	11.	Supplemental Well to a Surface Right	\$ 100.00								
12.	Application to Change Point of Diversion and Place and/or Purpose of Use from Ground Water to Ground Water	\$ 50.00	12.	Return Flow Credit	\$ 100.00								
13.	Application to Change Point of Diversion Non 72-12-1 Well	\$ 25.00	13.	Proof of Completion of Works	\$ 25.00								
14.	Application to Repair or Deepen Non 72-12-1 Well	\$ 5.00	14.	Proof of Application of Water to Beneficial Use	\$ 25.00								
15.	Application for Test, Expl. Observ. Well	\$ 5.00	15.	Water Development Plan	\$ 25.00								
16.	Application for Extension of Time	\$ 25.00	16.	Declaration of Livestock Water Impoundment	\$ 100.00								
17.	Proof of Application to Beneficial Use	\$ 25.00	17.	Application for Livestock Water Impoundment	\$ 10.00								
18.	Notice of Intent to Appropriate	\$ 25.00			\$ 10.00								

All fees are non-refundable.



STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
ROSWELL

Elizabeth K. Anderson, P.E.
State Engineer

DISTRICT II
1900 West Second St.
Roswell, New Mexico 88201
Phone: (575) 622-6521
Fax: (575) 623-8559

November 14, 2025

Tetra Tech Inc. on behalf of Conoco Phillips
8911 N. Capital of Texas Hwy # 2310
Austin, TX 78759

RE: Well Plugging Plan of Operations for well No. C-5032-POD1

Greetings:

Enclosed is your copy of the Well Plugging Plan of Operations for the above referenced well subject to the attached Conditions of Approval. The proposed method of operation is found to be acceptable and in accordance with the Rules and Regulations Governing Well Driller Licensing; Construction, Repair and Plugging of Wells 19.27.4 NMAC adopted June 30, 2017 by the State Engineer. subject to the attached Conditions of Approval.

Within 30 days after the well is plugged, the well driller is required to file a complete plugging record with the OSE and the permit holder.

Sincerely,

K. Parekh
Kashyap Parekh
Supervisor, Water Resources



STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
ROSWELL

1900 West Second St.
Roswell, New Mexico 88201
Phone: (575) 622-6521
Fax: (575) 623- 8559

Applicant has identified wells, listed below, to be plugged. John Scarborough Drilling Inc. (WD-1188) will perform the plugging.

Permittee: Tetra Tech on behalf of Conoco Phillips
NMOSE Permit Number: C-5032-POD1

NMOSE File	Casing diameter (inches)	Well depth (feet bgl)	Approximate static water level (feet bgl)	Latitude	Longitude
C-5032-POD1	2.0	55.0	Unknown	32.051175°	103.981219°

Specific Plugging Conditions of Approval for Well located in Eddy County.

1. Water well drilling and well drilling activities, including well plugging, are regulated under 19.27.4 NMAC, which requires any person engaged in the business of well drilling within New Mexico to obtain a Well Driller License issued by the New Mexico Office of the State Engineer (NMOSE). Therefore, the firm of a New Mexico licensed Well Driller shall perform the well plugging.
2. Theoretical volume of sealant required for abandonment of the 2.0 inch diameter casing is approximately 8.97 gallons. Total minimum volume of necessary sealant shall be calculated upon sounding the actual pluggable depth of well, which is estimated at 55 feet below ground surface (b.g.s.).
3. The cement-bentonite slurry (bentonite powder) shall be mixed using a maximum of 5.2 gallons water per 94-lb sack of Type I/II Portland cement PLUS 0.65 gallons per 1% increase in bentonite up to a maximum 6% bentonite by dry weight ratio.
4. The bentonite shall be hydrated separately with its required increments of water prior to being mixed into the cement slurry.
5. Placement of the sealant within the wells shall be by pumping through a tremie pipe extended to near well bottom and kept below top of the slurry column as the well is plugged from bottom-upwards in a manner that displaces the standing water column.

- 6. Should cement “shrinks-back” occur in the well, use of a tremie for topping off is required for cement placement deeper than 20 feet below land surface or if water is present in the casing. The approved sealant for topping off is identified in condition 3. of these Specific Conditions of Approval.
- 7. Any open annulus encountered surrounding the casing shall also be sealed by the placement of the approved sealant. When plugging shallow wells with no construction or environmental concerns, and if the well record on a well to be plugged shows a proper 20-foot annular seal, a plugging plan can propose the use of clean fill material to a nominal 30 feet bgs, then placing an OSE approved sealant to surface. Lacking that information, we would require an excavation of at least 2-feet which shall then be filled in its entirety with sealant to surface.
- 8. Should the NMED, or another regulatory agency sharing jurisdiction of the project authorize, or by regulation require a more stringent well plugging procedure than herein acknowledged, the more-stringent procedure should be followed. This, in part, includes provisions regarding pre-authorization to proceed, contaminant remediation, inspection, pulling/perforating of casing, or prohibition of free discharge of any fluid from the borehole during or related to the plugging process.
- 9. NMOSE witnessing of the plugging of the soil boring will not be required.
- 10. Any deviation from this plan must obtain an approved variance from this office prior to implementation.
- 11. A Well Plugging Record itemizing actual abandonment process and materials used shall be filed with the State Engineer within 30 days after completion of well plugging. For the plugging record, please resurvey coordinate location for well and note coordinate system for GPS unit. Please attach a copy of these plugging conditions.

The NMOSE Well Plugging Plan of Operations is hereby approved with the aforesaid conditions applied.

Witness my hand and seal this 14th day of November 2025

Elizabeth K. Anderson , P.E. State Engineer

By: K. Parekh

Kashyap Parekh
Supervisor, Water Resources





WELL PLUGGING PLAN OF OPERATIONS



NOTE: A Well Plugging Plan of Operations shall be filed with and accepted by the Office of the State Engineer prior to plugging. This form may be used to plug a single well, or if you are plugging multiple monitoring wells on the same site using the same plugging methodology.

Alert! Your well may be eligible to participate in the Aquifer Mapping Program (AMP)-NM Bureau of Geology geoinfo.nmt.edu/resources/water/cgmn/ if within an area of interest and meets the minimum construction requirements, such as there is still water in your well, and the well construction reflected in a well record and log is not compromised, contact AMP at 575-835-5038 or -6951, or by email nmbg-waterlevels@nmt.edu, prior to completing this prior form. Showing proof to the OSE that your well was accepted in this program, may delay the plugging of your well until a later date.

I. FILING FEE: There is no filing fee for this form.

II. GENERAL / WELL OWNERSHIP: Check here if proposing one plan for multiple monitoring wells on the same site and attaching WD-08m

Existing Office of the State Engineer POD Number (Well Number) for well to be plugged: C-5032-POD1

Name of well owner: Tetra Tech Inc. on Behlaf of ConocoPhillips

Mailing address: 8911 N Capital of Texas Hwy #2310 County: _____

City: Austin State: TX Zip code: 78759

Phone number: 512-596-8201 E-mail: lisbeth.chavira@tetrattech.com

III. WELL DRILLER INFORMATION:

Well Driller contracted to provide plugging services: John Scarborough Drilling Inc.

New Mexico Well Driller License No.: WD1188 Expiration Date: 3/31/2026

IV. WELL INFORMATION: Check here if this plan describes method for plugging multiple monitoring wells on the same site and attach supplemental form WD-08m and skip to #2 in this section.

Note: A copy of the existing Well Record for the well(s) to be plugged should be attached to this plan.

1) GPS Well Location: Latitude: 32.051175° deg, _____ min, _____ sec
Longitude: -103.981219 deg, _____ min, _____ sec, NAD 83

2) Reason(s) for plugging well(s):

Completion of monitoring period, tempofary to determine depth to groundwater.

OSE DII ROSWELL NM
12 NOV '25 PM 1:12

3) Was well used for any type of monitoring program? Yes If yes, please use section VII of this form to detail what hydrogeologic parameters were monitored. If the well was used to monitor contaminated or poor quality water, authorization from the New Mexico Environment Department may be required prior to plugging.

4) Does the well tap brackish, saline, or otherwise poor quality water? UNK If yes, provide additional detail, including analytical results and/or laboratory report(s): UNK

5) Static water level: UNK feet below land surface / feet above land surface (circle one)

6) Depth of the well: 55 feet

- 7) Inside diameter of innermost casing: 2 inches.
- 8) Casing material: Sch. 40 PVC
- 9) The well was constructed with:
 - an open-hole production interval, state the open interval: _____
 - a well screen or perforated pipe, state the screened interval(s): 55ft
- 10) What annular interval surrounding the artesian casing of this well is cement-grouted? NA
- 11) Was the well built with surface casing? NA If yes, is the annulus surrounding the surface casing grouted or otherwise sealed? NA If yes, please describe:

Temporary well
- 12) Has all pumping equipment and associated piping been removed from the well? NA If not, describe remaining equipment and intentions to remove prior to plugging in Section VII of this form.

V. DESCRIPTION OF PLANNED WELL PLUGGING: If plugging method differs between multiple wells on same site, a separate form must be completed for each method.

Note: If this plan proposes to plug an artesian well in a way other than with cement grout, placed bottom to top with a tremie pipe, a detailed diagram of the well showing proposed final plugged configuration shall be attached, as well as any additional technical information, such as geophysical logs, that are necessary to adequately describe the proposal. Attach a copy of any signed OSE variance to this plugging plan.

Also, if this planned plugging plan requires a variance to 19.27.4 NMAC, attach a detailed variance request signed by the applicant.

- 1) Describe the method by which cement grout shall be placed in the well, or describe requested plugging methodology proposed for the well:

Tremie Type 1 Cement- Bentonite Slurry from bottom of boring to ground level
- 2) Will well head be cut-off below land surface after plugging? NA - Temporary

VI. PLUGGING AND SEALING MATERIALS:

Note: The plugging of a well that taps poor quality water may require the use of a specialty cement or specialty sealant. Attach a copy of the batch mix recipe from the cement company and/or product description for specialty cement mixes or any sealant that deviates from the list of OSE approved sealants.

- 1) For plugging intervals that employ cement grout, complete and attach Table A.
- 2) For plugging intervals that will employ approved non-cement based sealant(s), complete and attach Table B.
- 3) Theoretical volume of grout required to plug the well to land surface: 8.97
- 4) Type of Cement proposed: Type 1 Cement- Bentonite
- 5) Proposed cement grout mix: 5 gallons of water per 94 pound sack of Portland cement.
- 6) Will the grout be: _____ batch-mixed and delivered to the site
 x mixed on site

7) Grout additives requested, and percent by dry weight relative to cement:

NA

8) Additional notes and calculations:

NA

VII. ADDITIONAL INFORMATION: List additional information below, or on separate sheet(s):

NA

VIII. SIGNATURE:

I, Lisbeth Chavira, say that I have carefully read the foregoing Well Plugging Plan of Operations and any attachments, which are a part hereof; that I am familiar with the rules and regulations of the State Engineer pertaining to the plugging of wells and will comply with them, and that each and all of the statements in the Well Plugging Plan of Operations and attachments are true to the best of my knowledge and belief.


Signature of Applicant

11/6/2025
Date

IX. ACTION OF THE STATE ENGINEER:

OSE DII ROSWELL NM
12 NOV '25 PM 1:12

This Well Plugging Plan of Operations is:

- Approved subject to the attached conditions.
- Not approved for the reasons provided on the attached letter.

Witness my hand and official seal this 16th day of November, 2025

Elizabeth K. Anderson P.E.
New Mexico State Engineer

By: K. Parekh
Kashyap Parekh
Supervisor, Water Resources



TABLE A - For plugging intervals that employ cement grout. Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of grout placement (ft bgl)			0
Bottom of proposed interval of grout placement (ft bgl)			2
Theoretical volume of grout required per interval (gallons)			8.97
Proposed cement grout mix gallons of water per 94-lb. sack of Portland cement			5
Mixed on-site or batch-mixed and delivered?			On-Site
Grout additive 1 requested			
Additive 1 percent by dry weight relative to cement			
Grout additive 2 requested			
Additive 2 percent by dry weight relative to cement			

TABLE B - For plugging intervals that will employ approved non-cement based sealant(s). Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of sealant placement (ft bgl)			
Bottom of proposed sealant of grout placement (ft bgl)			
Theoretical volume of sealant required per interval (gallons)			
Proposed abandonment sealant (manufacturer and trade name)			

OSE DII ROSWELL NM
12 NOV '25 PM 1:12

APPENDIX C

Site Characterization Data

212C-MD-03972	TETRA TECH	LOG OF BORING Gehrig Fed #002 DTW	Page 1 of 1
---------------	-------------------	--	----------------

Project Name: Gehrig Federal #002

Borehole Location: GPS Coordinates: 32.051133°, -103.981205° Surface Elevation: 2954'

Borehole Number: **Gehrig Fed #002 DTW** Borehole Diameter (in.): 8" Date Started: Date Finished: 2/10/2026

DEPTH (ft)	OPERATION TYPES	SAMPLE	CHLORIDE CONCENTRATION (ppm)	VOC CONCENTRATION (ppm)	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT	PLASTICITY INDEX	MINUS NO. 200 (%)	GRAPHIC LOG	WATER LEVEL OBSERVATIONS		DEPTH (ft)	WELL DIAGRAM
												While Drilling	24 Hours After Completion of Drilling		
												While Drilling	24 Hours After Completion of Drilling		
												Remarks: <u>DRY</u> <u>DRY</u>			
												MATERIAL DESCRIPTION			
2											-GP-GM- CALICHE (PAD MATERIAL): Light brown, dense, dry, fine- to coarse-grained				Capped Pipe
5											-SM- SAND: Light brown, loose, dry, very fine- to fine-grained, with subrounded gravel-sized caliche clasts				
9											-SM- SAND: Light brown, loose, dry, fine-grained, with subangular gravel				
10											-SP- SAND: Light brown to yellowish brown, loose, dry, fine-grained, with subangular to angular gravel				
15											-SP- SAND: Yellowish brown, medium dense, dry, very fine- to fine-grained, weakly cemented, intermixed with Sandy Silt				
20											-SM- SAND: Light brown, dense, dry, weakly to moderately cemented, fine-grained				
20											-SM- SAND: Light brown, dense, dry, very fine- to fine-grained, weakly to moderately cemented, intermixed with Sandy Silt				4" Schedule 40 PVC Casing
34											-CL- SANDY CLAY: Light olive gray, hard, dry, low plasticity				
39											-SC- CLAYEY SAND: Reddish brown, dense, dry, fine-grained, with Gypsum				
50											-SP- SAND: Tan to gray, hard, dry, fine-grained, intermixed with Sandy Silt				4" Schedule 40 PVC Slotted Screen (0.010")
55															

Sampler Types: Split Spoon Shelby Bulk Sample Grab Sample	Acetate Liner Vane Shear California Test Pit	Operation Types: Auger Hollow Stem Auger Continuous Flight Auger Mud Rotary	Air Rotary Direct Push Drive Casing	Bottom of borehole at 55.0 feet. Notes: Surface elevation is an approximate value obtained from Google Earth data. Cuttings were logged continuously while drilling.
--	---	--	---	--

Logger: Andrew Garcia Drilling Equipment: Air Rotary Driller: Scarborough Drilling



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

No report data available.

Basin/County Search:

County: ED

UTM Filters (in meters):

Easting: 403812.95

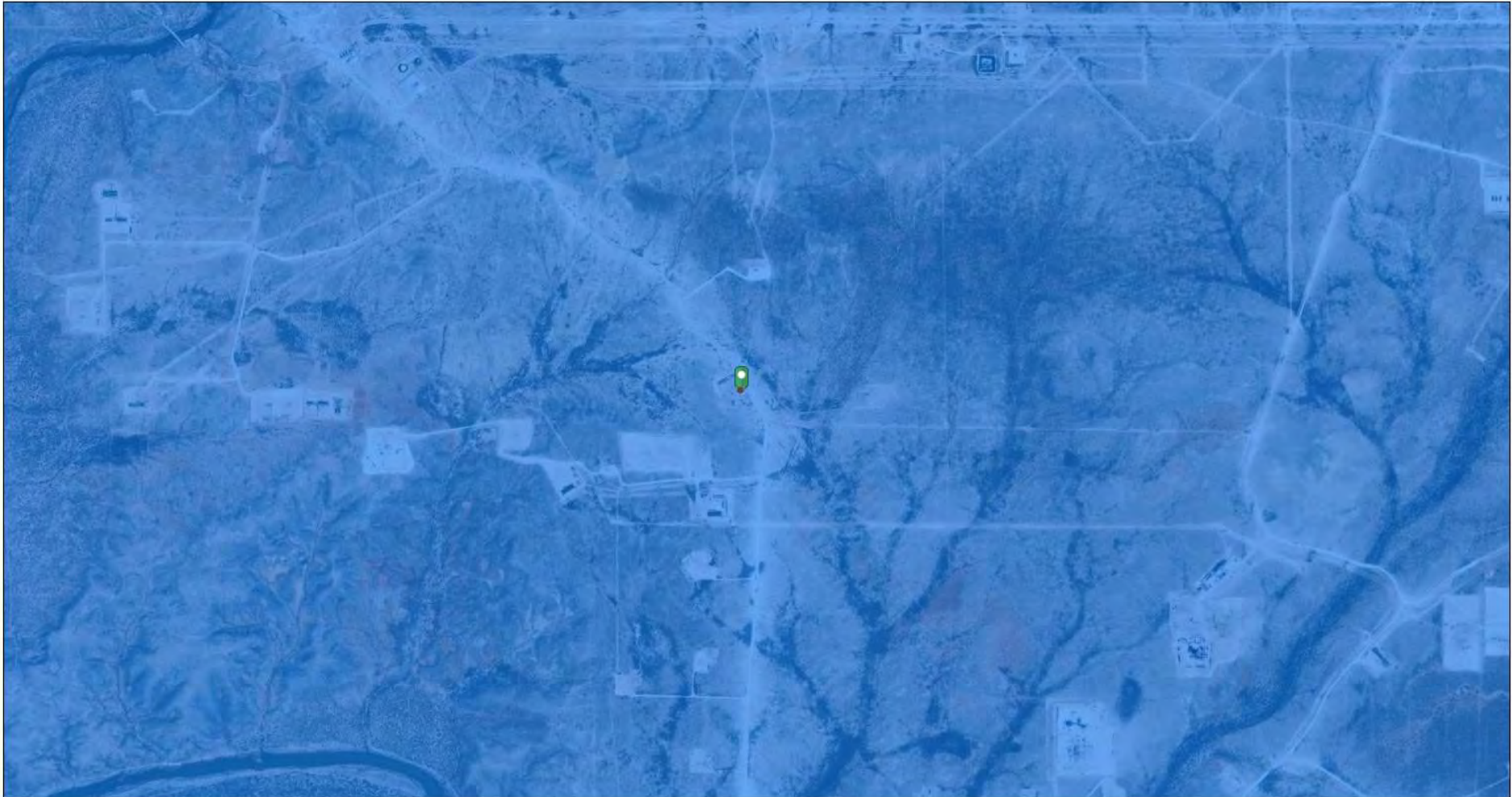
Northing: 3546519.50

Radius: 1000

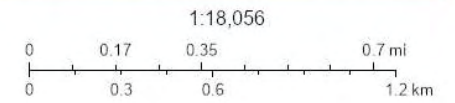
* UTM location was derived from PLSS - see Help

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.

Karst Potential (Medium)



12/9/2025, 12:34:48 PM
Karst Occurrence Potential
Medium



BLM, OCD, New Mexico Tech, Vantor

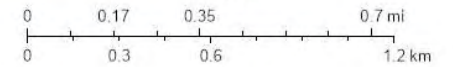
OCD Hydrology



12/9/2025, 12:52:14 PM

- OSW Water Bodys
- OSE Streams

1:18,056







Vantor, NM OSE

My Map

BLM_NM_Plant_Wildlife_Habitat

Special Status Plant and Wildlife Habitat

Potential Habitat (Planning Area Only)

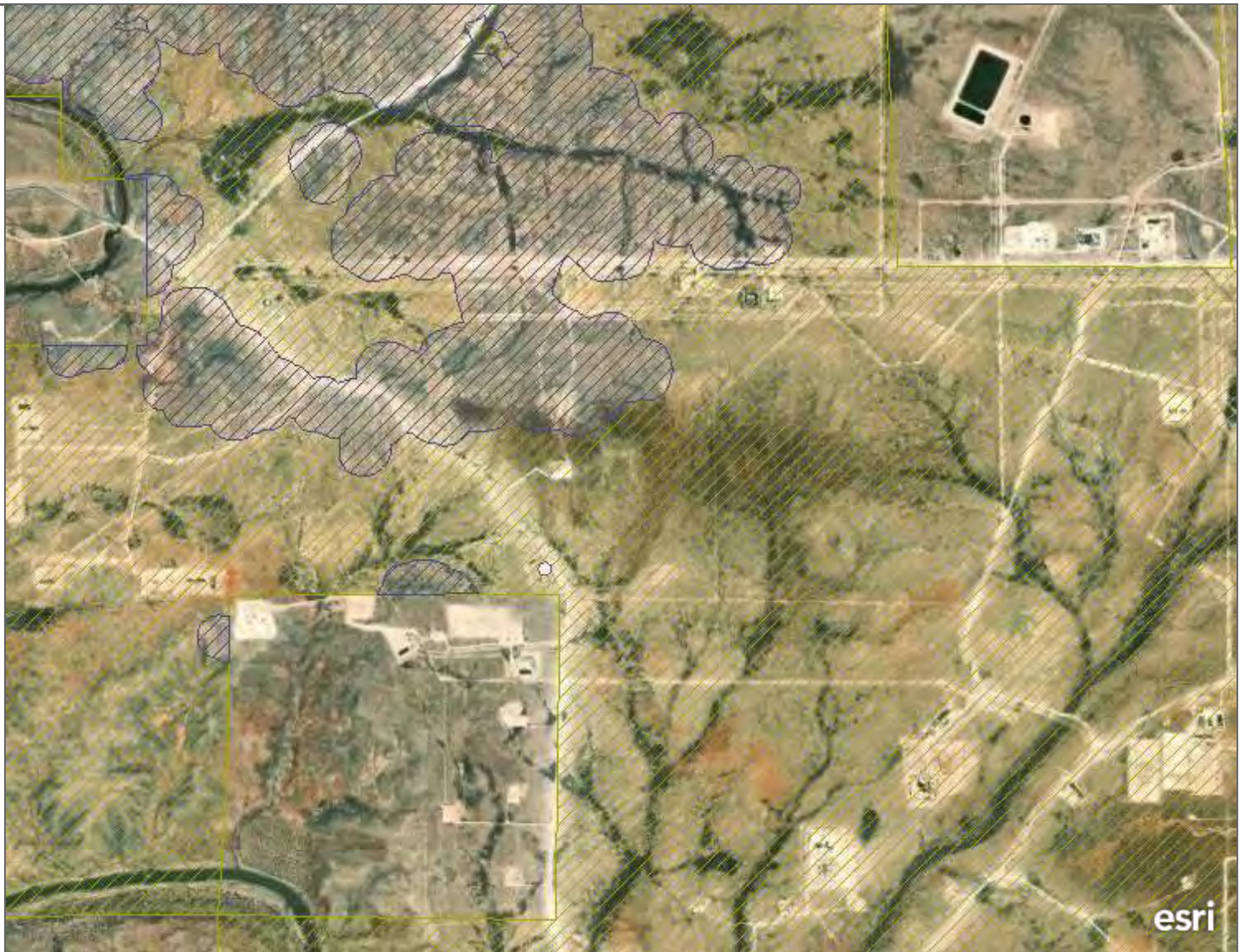
-  Allred's Flax
-  Guadalupe Mountains and Foothills
-  Gypsum milkvetch
-  Gypsum wild buckwheat
-  Kuenzler's hedgehog cactus
-  Lee's pincushion cactus
-  Scheer's beehive cactus
-  Tharp's blue-star
-  Wright's waterwillow

Dunes Sage Brush Lizard Habitat



Lesser Prairie Chicken Habitat

-  Core Management Area
-  Habitat Evaluation



0.6mi

Bureau of Land Management - New Mexico State Office | Vantor

GR23800000

E019240001



Land Status

0 0.03 0.05 0.1
mi













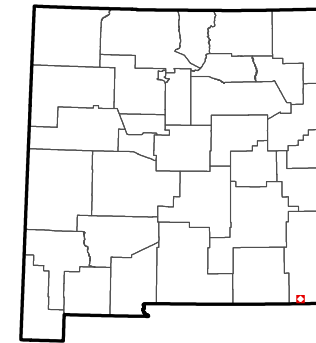
New Mexico State Land Office

Disclaimer:
The New Mexico State Land Office assumes no responsibility or liability for, or in connection with the accuracy, reliability or use of the information provided herein with respect to State Land Office data or data from other sources.

Data pertaining to New Mexico State Trust Lands are provisional and subject to revision, and do not constitute an official record of title. Official records may be reviewed at the New Mexico State Land Office in Santa Fe, New Mexico.

Released to Imaging: 4/23/2026 11:55:17 AM
Map Created: 12/23/2025

- | | | | |
|---|----------------------------------|---|------------------------------|
|  | Oil and Gas Leasing Restrictions |  | Commercial Leases |
|  | Energy Leases |  | New Mexico State Trust Lands |
|  | Agricultural Leases |  | Subsurface Estate |
|  | Oil and Gas Leases |  | Surface Estate |
|  | Minerals Leases |  | Both Estates |



National Flood Hazard Layer FIRMette



Legend

SEE FIR REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) Zone A, Zone B
- With BFE or Depth Zone A1, A2, A3, A9, X1, X2, X3, X4
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone F
- Future Conditions 1% Annual Chance Flood Hazard Zone F
- Area with Reduced Flood Risk due to Levees, See Notes, Zone L
- Area with Flood Risk due to Levees Zone L

OTHER AREAS

- No Screen Area of Minimal Flood Hazard Zone F
- Effective LOMs
- Area of Underscreened Flood Hazard Zone F

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

CROSS SECTIONS WITH 1% ANNUAL CHANCE WATER SURFACE ELEVATION

- Cross Section
- Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

OTHER FEATURES

- Digital Data Available
- No Digital Data Available
- Unmapped

MAP PANELS

- The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not used as described below. The basemap shows compliance with FEMA's basemap accuracy standards.

This flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 12/16/2025 at 6:58 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifier, FIRM panel number, and FIRM effective date. Map images for unmapped and underscreened areas cannot be used for regulatory purposes.



National Wetlands



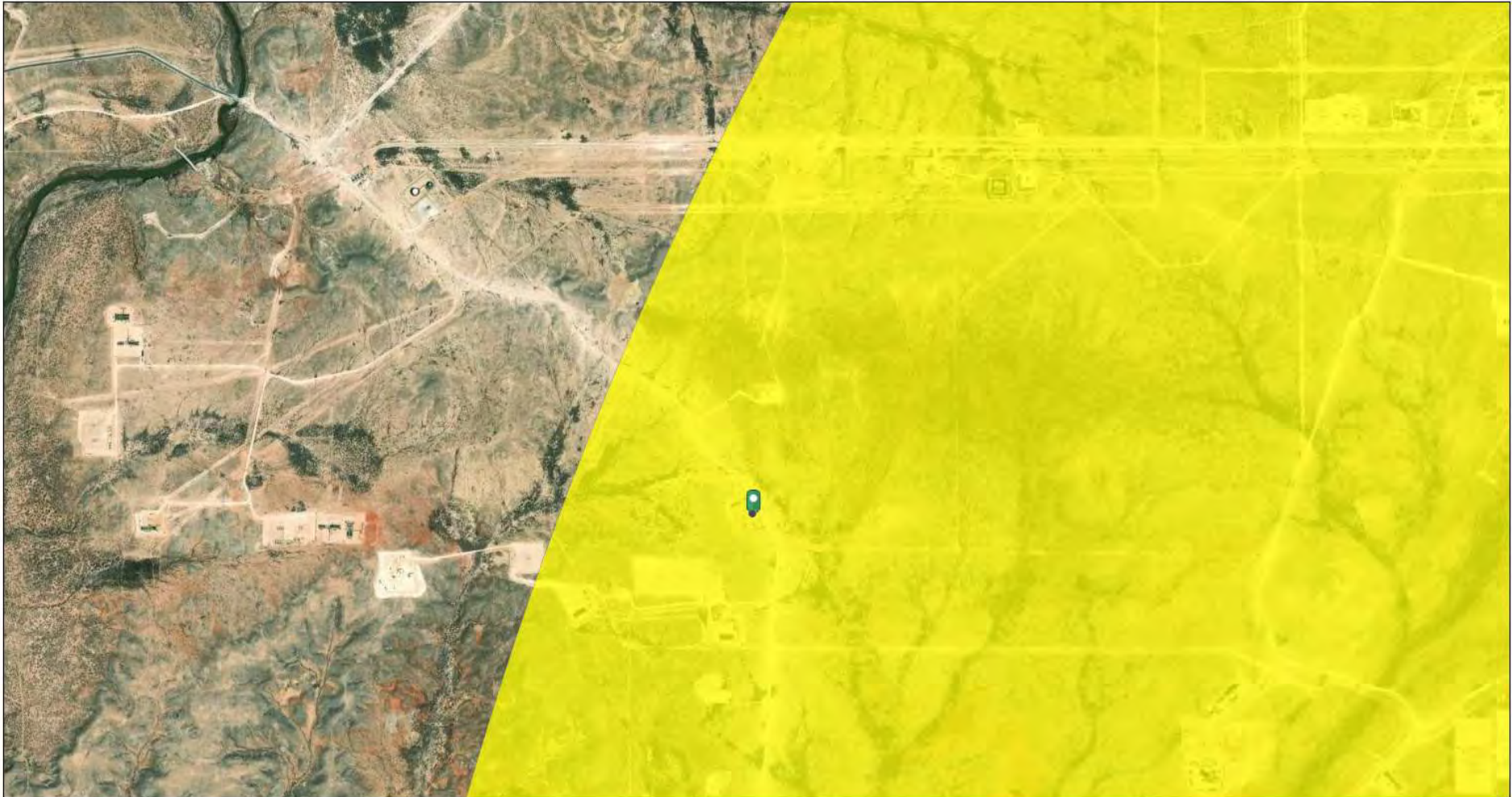
December 9, 2025

Wetlands

- Estuarine and Marine Deepwater
- Freshwater Emergent Wetland
- Lake
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Other
- Estuarine and Marine Wetland
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

OCD Induced Seismicity

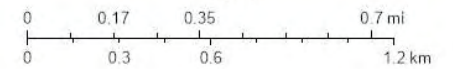


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Seismic Response 3.0 to 3.4

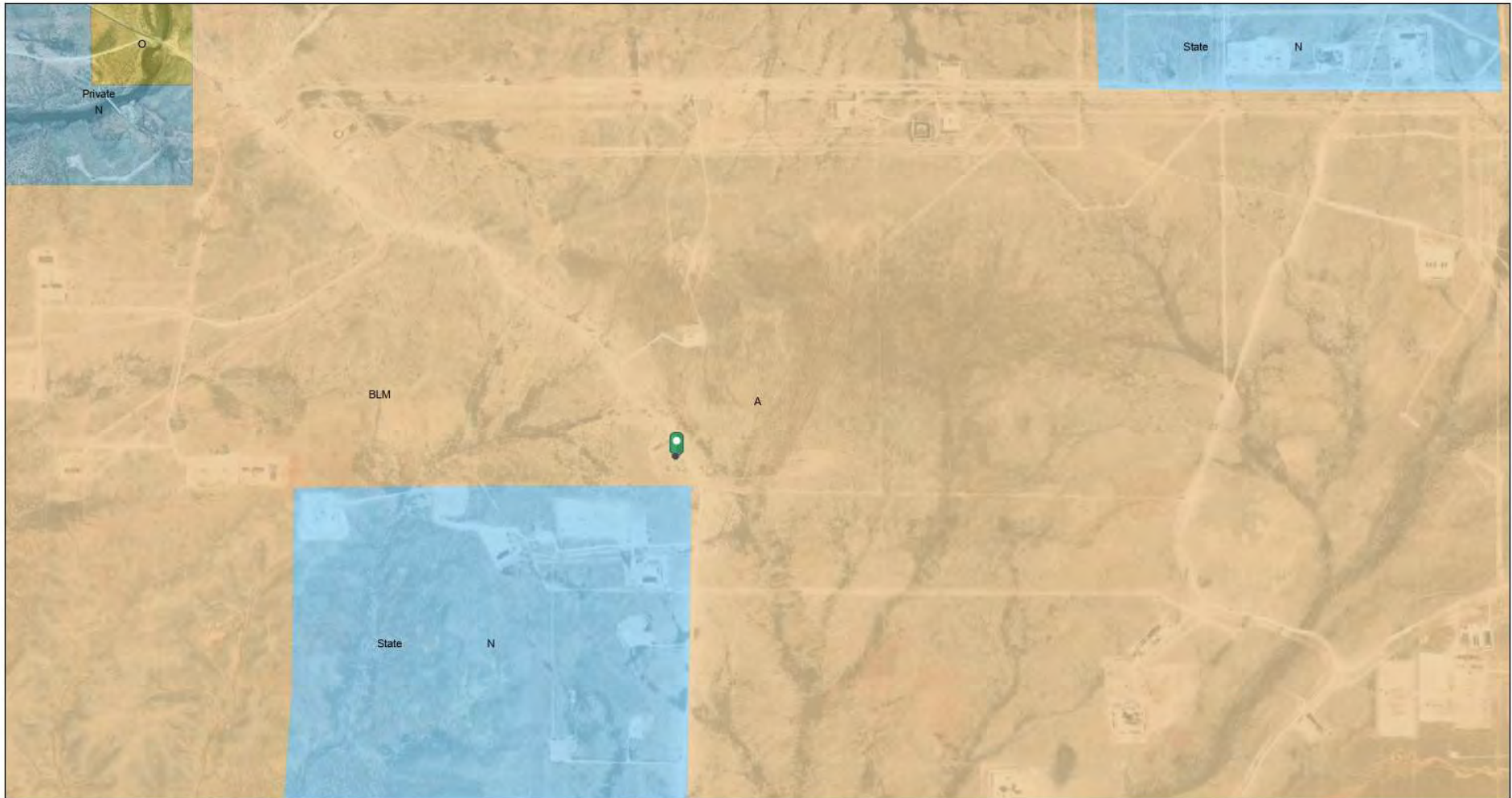
10 mi.

1:18,056



Oil Conservation Division (OCD), Energy, Minerals and Natural Resources Department (EMNRD), Vantor

OCD Mineral and Surface Ownership



12/9/2025, 12:48:03 PM

Mineral Ownership

A-All minerals are owned by U.S.

N-No minerals are owned by the U.S.

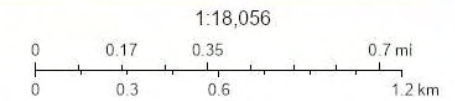
O-Only oil and gas are owned by the U.S.

Land Ownership

BLM

P

S



U.S. BLM, Vantor



Registered Mines in New Mexico

NM Mining and Minerals Division

[EMNRD Home](#) [Help](#)

Layer List

Layers

Registered Mines

Mineral_and_Surface_Ownership

Public Land Survey System (PLSS)



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APPENDIX D

Laboratory Analytical Data



Environment Testing

- 1
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- 8
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- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
 Carmona Resources
 310 W Wall St
 Ste 500
 Midland, Texas 79701

Generated 10/16/2024 4:46:13 PM

JOB DESCRIPTION

Gehrig Federal 1
 Eddy County, New Mexico

JOB NUMBER

880-49780-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701




Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
10/16/2024 4:46:13 PM

Authorized for release by
Jessica Kramer, Project Manager
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Client: Carmona Resources
Project/Site: Gehrig Federal 1

Laboratory Job ID: 880-49780-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Gehrig Federal 1

Job ID: 880-49780-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

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: Carmona Resources
Project: Gehrig Federal 1

Job ID: 880-49780-1

Job ID: 880-49780-1

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Job Narrative 880-49780-1

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 10/14/2024 3:50 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -3.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-49780-1), H-2 (0-0.5') (880-49780-2), H-3 (0-0.5') (880-49780-3), H-4 (0-0.5') (880-49780-4), H-5 (0-0.5') (880-49780-5), H-6 (0-0.5') (880-49780-6), H-7 (0-0.5') (880-49780-7), H-8 (0-0.5') (880-49780-8) and H-9 (0-0.5') (880-49780-9).

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 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-93298/2-A) and (LCSD 880-93298/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: H-1 (0-0.5') (880-49780-1). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: H-2 (0-0.5') (880-49780-2), H-5 (0-0.5') (880-49780-5) and H-8 (0-0.5') (880-49780-8). Evidence of matrix interferences is not obvious.

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.

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Client Sample Results

Client: Carmona Resources
Project/Site: Gehrig Federal 1Job ID: 880-49780-1
SDG: Eddy County, New Mexico

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 880-49780-1

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:26	10/15/24 14:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:26	10/15/24 14:30	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:26	10/15/24 14:30	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 08:26	10/15/24 14:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:26	10/15/24 14:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 08:26	10/15/24 14:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	10/15/24 08:26	10/15/24 14:30	1
1,4-Difluorobenzene (Surr)	99		70 - 130	10/15/24 08:26	10/15/24 14:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/15/24 14:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/24 01:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 08:00	10/16/24 01:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 08:00	10/16/24 01:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 08:00	10/16/24 01:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	157	S1+	70 - 130	10/15/24 08:00	10/16/24 01:04	1
o-Terphenyl	147	S1+	70 - 130	10/15/24 08:00	10/16/24 01:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	358		9.92		mg/Kg			10/15/24 23:40	1

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-49780-2

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:26	10/15/24 14:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:26	10/15/24 14:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:26	10/15/24 14:50	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 08:26	10/15/24 14:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:26	10/15/24 14:50	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 08:26	10/15/24 14:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	10/15/24 08:26	10/15/24 14:50	1
1,4-Difluorobenzene (Surr)	100		70 - 130	10/15/24 08:26	10/15/24 14:50	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49780-1
 SDG: Eddy County, New Mexico

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-49780-2

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/15/24 14:50	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/24 01:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 08:00	10/16/24 01:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 08:00	10/16/24 01:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 08:00	10/16/24 01:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130	10/15/24 08:00	10/16/24 01:54	1
o-Terphenyl	125		70 - 130	10/15/24 08:00	10/16/24 01:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	299		10.1		mg/Kg			10/15/24 23:46	1

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-49780-3

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:26	10/15/24 16:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:26	10/15/24 16:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:26	10/15/24 16:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 08:26	10/15/24 16:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:26	10/15/24 16:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 08:26	10/15/24 16:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	10/15/24 08:26	10/15/24 16:25	1
1,4-Difluorobenzene (Surr)	98		70 - 130	10/15/24 08:26	10/15/24 16:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/15/24 16:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/24 02:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 08:00	10/16/24 02:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 08:00	10/16/24 02:09	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49780-1
 SDG: Eddy County, New Mexico

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-49780-3

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 08:00	10/16/24 02:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				10/15/24 08:00	10/16/24 02:09	1
o-Terphenyl	116		70 - 130				10/15/24 08:00	10/16/24 02:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.4		9.96		mg/Kg			10/15/24 23:53	1

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-49780-4

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:26	10/15/24 16:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:26	10/15/24 16:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:26	10/15/24 16:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 08:26	10/15/24 16:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:26	10/15/24 16:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 08:26	10/15/24 16:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				10/15/24 08:26	10/15/24 16:46	1
1,4-Difluorobenzene (Surr)	98		70 - 130				10/15/24 08:26	10/15/24 16:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/15/24 16:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/24 02:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 08:00	10/16/24 02:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 08:00	10/16/24 02:26	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 08:00	10/16/24 02:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130				10/15/24 08:00	10/16/24 02:26	1
o-Terphenyl	120		70 - 130				10/15/24 08:00	10/16/24 02:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/16/24 00:14	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49780-1
 SDG: Eddy County, New Mexico

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-49780-5

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/15/24 08:26	10/15/24 17:07	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/15/24 08:26	10/15/24 17:07	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/15/24 08:26	10/15/24 17:07	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/15/24 08:26	10/15/24 17:07	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/15/24 08:26	10/15/24 17:07	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/15/24 08:26	10/15/24 17:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	10/15/24 08:26	10/15/24 17:07	1
1,4-Difluorobenzene (Surr)	101		70 - 130	10/15/24 08:26	10/15/24 17:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/15/24 17:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/16/24 02:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/15/24 08:00	10/16/24 02:41	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 08:00	10/16/24 02:41	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 08:00	10/16/24 02:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130	10/15/24 08:00	10/16/24 02:41	1
o-Terphenyl	127		70 - 130	10/15/24 08:00	10/16/24 02:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			10/16/24 00:21	1

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-49780-6

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:26	10/15/24 17:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:26	10/15/24 17:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:26	10/15/24 17:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 08:26	10/15/24 17:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:26	10/15/24 17:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 08:26	10/15/24 17:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	10/15/24 08:26	10/15/24 17:27	1
1,4-Difluorobenzene (Surr)	99		70 - 130	10/15/24 08:26	10/15/24 17:27	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49780-1
 SDG: Eddy County, New Mexico

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-49780-6

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/15/24 17:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/24 02:57	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 08:00	10/16/24 02:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 08:00	10/16/24 02:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 08:00	10/16/24 02:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	10/15/24 08:00	10/16/24 02:57	1
o-Terphenyl	101		70 - 130	10/15/24 08:00	10/16/24 02:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			10/16/24 00:28	1

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-49780-7

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:26	10/15/24 17:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:26	10/15/24 17:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:26	10/15/24 17:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 08:26	10/15/24 17:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:26	10/15/24 17:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 08:26	10/15/24 17:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	10/15/24 08:26	10/15/24 17:48	1
1,4-Difluorobenzene (Surr)	100		70 - 130	10/15/24 08:26	10/15/24 17:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/15/24 17:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/24 03:12	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 08:00	10/16/24 03:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 08:00	10/16/24 03:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49780-1
 SDG: Eddy County, New Mexico

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-49780-7

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 08:00	10/16/24 03:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				10/15/24 08:00	10/16/24 03:12	1
o-Terphenyl	116		70 - 130				10/15/24 08:00	10/16/24 03:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	535		9.96		mg/Kg			10/16/24 00:35	1

Client Sample ID: H-8 (0-0.5')

Lab Sample ID: 880-49780-8

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:26	10/15/24 18:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:26	10/15/24 18:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:26	10/15/24 18:08	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 08:26	10/15/24 18:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:26	10/15/24 18:08	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 08:26	10/15/24 18:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				10/15/24 08:26	10/15/24 18:08	1
1,4-Difluorobenzene (Surr)	98		70 - 130				10/15/24 08:26	10/15/24 18:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/15/24 18:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	53.4		50.0		mg/Kg			10/16/24 03:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 08:00	10/16/24 03:28	1
Diesel Range Organics (Over C10-C28)	53.4		50.0		mg/Kg		10/15/24 08:00	10/16/24 03:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 08:00	10/16/24 03:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				10/15/24 08:00	10/16/24 03:28	1
o-Terphenyl	122		70 - 130				10/15/24 08:00	10/16/24 03:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2140		50.0		mg/Kg			10/16/24 00:41	5

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Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49780-1
 SDG: Eddy County, New Mexico

Client Sample ID: H-9 (0-0.5')

Lab Sample ID: 880-49780-9

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/15/24 08:26	10/15/24 18:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 08:26	10/15/24 18:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 08:26	10/15/24 18:29	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/15/24 08:26	10/15/24 18:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 08:26	10/15/24 18:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/15/24 08:26	10/15/24 18:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	10/15/24 08:26	10/15/24 18:29	1
1,4-Difluorobenzene (Surr)	100		70 - 130	10/15/24 08:26	10/15/24 18:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/15/24 18:29	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/24 03:44	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 08:00	10/16/24 03:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 08:00	10/16/24 03:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 08:00	10/16/24 03:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130	10/15/24 08:00	10/16/24 03:44	1
o-Terphenyl	117		70 - 130	10/15/24 08:00	10/16/24 03:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	415		10.1		mg/Kg			10/16/24 00:48	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Gehrig Federal 1

Job ID: 880-49780-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-49779-A-1-D MS	Matrix Spike	107	101
880-49779-A-1-E MSD	Matrix Spike Duplicate	109	100
880-49780-1	H-1 (0-0.5')	99	99
880-49780-2	H-2 (0-0.5')	106	100
880-49780-3	H-3 (0-0.5')	101	98
880-49780-4	H-4 (0-0.5')	102	98
880-49780-5	H-5 (0-0.5')	101	101
880-49780-6	H-6 (0-0.5')	102	99
880-49780-7	H-7 (0-0.5')	102	100
880-49780-8	H-8 (0-0.5')	101	98
880-49780-9	H-9 (0-0.5')	105	100

Surrogate Legend
BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB2 (70-130)	DFBZ2 (70-130)
LCS 880-93309/1-A	Lab Control Sample	105	100
LCS 880-93309/2-A	Lab Control Sample Dup	106	100
MB 880-93309/5-A	Method Blank	95	95

Surrogate Legend
BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-49780-1	H-1 (0-0.5')	157 S1+	147 S1+
880-49780-1 MS	H-1 (0-0.5')	123	123
880-49780-1 MSD	H-1 (0-0.5')	123	123
880-49780-2	H-2 (0-0.5')	134 S1+	125
880-49780-3	H-3 (0-0.5')	127	116
880-49780-4	H-4 (0-0.5')	129	120
880-49780-5	H-5 (0-0.5')	137 S1+	127
880-49780-6	H-6 (0-0.5')	109	101
880-49780-7	H-7 (0-0.5')	127	116
880-49780-8	H-8 (0-0.5')	133 S1+	122
880-49780-9	H-9 (0-0.5')	128	117
LCS 880-93298/2-A	Lab Control Sample	99	151 S1+
LCS 880-93298/3-A	Lab Control Sample Dup	93	143 S1+
MB 880-93298/1-A	Method Blank	116	111

Surrogate Legend

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Surrogate Summary

Client: Carmona Resources
Project/Site: Gehrig Federal 1
1CO = 1-Chlorooctane
OTPH = o-Terphenyl

Job ID: 880-49780-1
SDG: Eddy County, New Mexico

- 1
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- 12
- 13
- 14

QC Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49780-1
 SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-93309/5-A
Matrix: Solid
Analysis Batch: 93305

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93309

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:26	10/15/24 11:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:26	10/15/24 11:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:26	10/15/24 11:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 08:26	10/15/24 11:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:26	10/15/24 11:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 08:26	10/15/24 11:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	10/15/24 08:26	10/15/24 11:24	1
1,4-Difluorobenzene (Surr)	95		70 - 130	10/15/24 08:26	10/15/24 11:24	1

Lab Sample ID: LCS 880-93309/1-A
Matrix: Solid
Analysis Batch: 93305

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93309

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09090		mg/Kg		91	70 - 130
Toluene	0.100	0.08993		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09799		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	0.200	0.1827		mg/Kg		91	70 - 130
o-Xylene	0.100	0.1009		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-93309/2-A
Matrix: Solid
Analysis Batch: 93305

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 93309

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09637		mg/Kg		96	70 - 130	6	35
Toluene	0.100	0.09444		mg/Kg		94	70 - 130	5	35
Ethylbenzene	0.100	0.1033		mg/Kg		103	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1905		mg/Kg		95	70 - 130	4	35
o-Xylene	0.100	0.1054		mg/Kg		105	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-49779-A-1-D MS
Matrix: Solid
Analysis Batch: 93305

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 93309

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.09367		mg/Kg		94	70 - 130
Toluene	<0.00202	U	0.100	0.09222		mg/Kg		92	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Gehrig Federal 1

Job ID: 880-49780-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-49779-A-1-D MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 93305

Prep Batch: 93309

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00202	U	0.100	0.1003		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.200	0.1861		mg/Kg		93	70 - 130
o-Xylene	<0.00202	U	0.100	0.1016		mg/Kg		102	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-49779-A-1-E MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 93305

Prep Batch: 93309

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00202	U	0.100	0.09000		mg/Kg		90	70 - 130	4	35
Toluene	<0.00202	U	0.100	0.08836		mg/Kg		88	70 - 130	4	35
Ethylbenzene	<0.00202	U	0.100	0.09618		mg/Kg		96	70 - 130	4	35
m-Xylene & p-Xylene	<0.00403	U	0.200	0.1793		mg/Kg		90	70 - 130	4	35
o-Xylene	<0.00202	U	0.100	0.09794		mg/Kg		98	70 - 130	4	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-93298/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 93400

Prep Batch: 93298

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 08:00	10/16/24 00:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 08:00	10/16/24 00:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 08:00	10/16/24 00:17	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	116		70 - 130	10/15/24 08:00	10/16/24 00:17	1
o-Terphenyl	111		70 - 130	10/15/24 08:00	10/16/24 00:17	1

Lab Sample ID: LCS 880-93298/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 93400

Prep Batch: 93298

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	929.8		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1148		mg/Kg		115	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49780-1
 SDG: Eddy County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-93298/2-A
Matrix: Solid
Analysis Batch: 93400

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93298

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	99		70 - 130
o-Terphenyl	151	S1+	70 - 130

Lab Sample ID: LCSD 880-93298/3-A
Matrix: Solid
Analysis Batch: 93400

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 93298

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	881.1		mg/Kg		88	70 - 130	5	20	
Diesel Range Organics (Over C10-C28)	1000	1086		mg/Kg		109	70 - 130	6	20	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	93		70 - 130
o-Terphenyl	143	S1+	70 - 130

Lab Sample ID: 880-49780-1 MS
Matrix: Solid
Analysis Batch: 93400

Client Sample ID: H-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 93298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	913.0		mg/Kg		91	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	998	889.8		mg/Kg		89	70 - 130	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	123		70 - 130
o-Terphenyl	123		70 - 130

Lab Sample ID: 880-49780-1 MSD
Matrix: Solid
Analysis Batch: 93400

Client Sample ID: H-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 93298

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	895.9		mg/Kg		90	70 - 130	2
Diesel Range Organics (Over C10-C28)	<50.0	U	998	890.6		mg/Kg		89	70 - 130	0

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	123		70 - 130
o-Terphenyl	123		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49780-1
 SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-93302/1-A
 Matrix: Solid
 Analysis Batch: 93336

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/15/24 22:51	1

Lab Sample ID: LCS 880-93302/2-A
 Matrix: Solid
 Analysis Batch: 93336

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	252.7		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-93302/3-A
 Matrix: Solid
 Analysis Batch: 93336

Client Sample ID: Lab Control Sample Dup
 Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	256.5		mg/Kg		103	90 - 110	2	20

Lab Sample ID: 880-49780-9 MS
 Matrix: Solid
 Analysis Batch: 93336

Client Sample ID: H-9 (0-0.5')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	415		253	649.4		mg/Kg		93	90 - 110

Lab Sample ID: 880-49780-9 MSD
 Matrix: Solid
 Analysis Batch: 93336

Client Sample ID: H-9 (0-0.5')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	415		253	649.9		mg/Kg		93	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49780-1
 SDG: Eddy County, New Mexico

GC VOA

Analysis Batch: 93305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49780-1	H-1 (0-0.5')	Total/NA	Solid	8021B	93309
880-49780-2	H-2 (0-0.5')	Total/NA	Solid	8021B	93309
880-49780-3	H-3 (0-0.5')	Total/NA	Solid	8021B	93309
880-49780-4	H-4 (0-0.5')	Total/NA	Solid	8021B	93309
880-49780-5	H-5 (0-0.5')	Total/NA	Solid	8021B	93309
880-49780-6	H-6 (0-0.5')	Total/NA	Solid	8021B	93309
880-49780-7	H-7 (0-0.5')	Total/NA	Solid	8021B	93309
880-49780-8	H-8 (0-0.5')	Total/NA	Solid	8021B	93309
880-49780-9	H-9 (0-0.5')	Total/NA	Solid	8021B	93309
MB 880-93309/5-A	Method Blank	Total/NA	Solid	8021B	93309
LCS 880-93309/1-A	Lab Control Sample	Total/NA	Solid	8021B	93309
LCSD 880-93309/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	93309
880-49779-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	93309
880-49779-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	93309

Prep Batch: 93309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49780-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-49780-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-49780-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-49780-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-49780-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-49780-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-49780-7	H-7 (0-0.5')	Total/NA	Solid	5035	
880-49780-8	H-8 (0-0.5')	Total/NA	Solid	5035	
880-49780-9	H-9 (0-0.5')	Total/NA	Solid	5035	
MB 880-93309/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-93309/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-93309/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-49779-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
880-49779-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 93483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49780-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-49780-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-49780-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-49780-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-49780-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-49780-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-49780-7	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	
880-49780-8	H-8 (0-0.5')	Total/NA	Solid	Total BTEX	
880-49780-9	H-9 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 93298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49780-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-49780-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-49780-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gehrig Federal 1

Job ID: 880-49780-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 93298 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49780-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-49780-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-49780-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-49780-7	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-49780-8	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-49780-9	H-9 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-93298/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-93298/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-93298/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-49780-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-49780-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 93400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49780-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	93298
880-49780-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	93298
880-49780-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	93298
880-49780-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	93298
880-49780-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	93298
880-49780-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	93298
880-49780-7	H-7 (0-0.5')	Total/NA	Solid	8015B NM	93298
880-49780-8	H-8 (0-0.5')	Total/NA	Solid	8015B NM	93298
880-49780-9	H-9 (0-0.5')	Total/NA	Solid	8015B NM	93298
MB 880-93298/1-A	Method Blank	Total/NA	Solid	8015B NM	93298
LCS 880-93298/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	93298
LCSD 880-93298/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	93298
880-49780-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015B NM	93298
880-49780-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015B NM	93298

Analysis Batch: 93480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49780-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-49780-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-49780-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-49780-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-49780-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-49780-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-49780-7	H-7 (0-0.5')	Total/NA	Solid	8015 NM	
880-49780-8	H-8 (0-0.5')	Total/NA	Solid	8015 NM	
880-49780-9	H-9 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 93302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49780-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-49780-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-49780-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-49780-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-49780-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-49780-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49780-1
 SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 93302 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49780-7	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-49780-8	H-8 (0-0.5')	Soluble	Solid	DI Leach	
880-49780-9	H-9 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-93302/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-93302/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-93302/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-49780-9 MS	H-9 (0-0.5')	Soluble	Solid	DI Leach	
880-49780-9 MSD	H-9 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 93336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49780-1	H-1 (0-0.5')	Soluble	Solid	300.0	93302
880-49780-2	H-2 (0-0.5')	Soluble	Solid	300.0	93302
880-49780-3	H-3 (0-0.5')	Soluble	Solid	300.0	93302
880-49780-4	H-4 (0-0.5')	Soluble	Solid	300.0	93302
880-49780-5	H-5 (0-0.5')	Soluble	Solid	300.0	93302
880-49780-6	H-6 (0-0.5')	Soluble	Solid	300.0	93302
880-49780-7	H-7 (0-0.5')	Soluble	Solid	300.0	93302
880-49780-8	H-8 (0-0.5')	Soluble	Solid	300.0	93302
880-49780-9	H-9 (0-0.5')	Soluble	Solid	300.0	93302
MB 880-93302/1-A	Method Blank	Soluble	Solid	300.0	93302
LCS 880-93302/2-A	Lab Control Sample	Soluble	Solid	300.0	93302
LCSD 880-93302/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	93302
880-49780-9 MS	H-9 (0-0.5')	Soluble	Solid	300.0	93302
880-49780-9 MSD	H-9 (0-0.5')	Soluble	Solid	300.0	93302

Lab Chronicle

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49780-1
 SDG: Eddy County, New Mexico

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 880-49780-1

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	93309	10/15/24 08:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/15/24 14:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93483	10/15/24 14:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93480	10/16/24 01:04	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	93298	10/15/24 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93400	10/16/24 01:04	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93302	10/15/24 08:09	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93336	10/15/24 23:40	CH	EET MID

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-49780-2

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	93309	10/15/24 08:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/15/24 14:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93483	10/15/24 14:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93480	10/16/24 01:54	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	93298	10/15/24 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93400	10/16/24 01:54	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	93302	10/15/24 08:09	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93336	10/15/24 23:46	CH	EET MID

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-49780-3

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	93309	10/15/24 08:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/15/24 16:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93483	10/15/24 16:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93480	10/16/24 02:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93298	10/15/24 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93400	10/16/24 02:09	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93302	10/15/24 08:09	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93336	10/15/24 23:53	CH	EET MID

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-49780-4

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	93309	10/15/24 08:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/15/24 16:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93483	10/15/24 16:46	AJ	EET MID

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49780-1
 SDG: Eddy County, New Mexico

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-49780-4

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			93480	10/16/24 02:26	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	93298	10/15/24 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93400	10/16/24 02:26	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	93302	10/15/24 08:09	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93336	10/16/24 00:14	CH	EET MID

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-49780-5

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	93309	10/15/24 08:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/15/24 17:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93483	10/15/24 17:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93480	10/16/24 02:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	93298	10/15/24 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93400	10/16/24 02:41	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	93302	10/15/24 08:09	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93336	10/16/24 00:21	CH	EET MID

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-49780-6

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	93309	10/15/24 08:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/15/24 17:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93483	10/15/24 17:27	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93480	10/16/24 02:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	93298	10/15/24 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93400	10/16/24 02:57	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	93302	10/15/24 08:09	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93336	10/16/24 00:28	CH	EET MID

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-49780-7

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	93309	10/15/24 08:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/15/24 17:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93483	10/15/24 17:48	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93480	10/16/24 03:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	93298	10/15/24 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93400	10/16/24 03:12	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49780-1
 SDG: Eddy County, New Mexico

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-49780-7

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	93302	10/15/24 08:09	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93336	10/16/24 00:35	CH	EET MID

Client Sample ID: H-8 (0-0.5')

Lab Sample ID: 880-49780-8

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	93309	10/15/24 08:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/15/24 18:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93483	10/15/24 18:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93480	10/16/24 03:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93298	10/15/24 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93400	10/16/24 03:28	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	93302	10/15/24 08:09	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93336	10/16/24 00:41	CH	EET MID

Client Sample ID: H-9 (0-0.5')

Lab Sample ID: 880-49780-9

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	93309	10/15/24 08:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/15/24 18:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93483	10/15/24 18:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93480	10/16/24 03:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	93298	10/15/24 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93400	10/16/24 03:44	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	93302	10/15/24 08:09	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93336	10/16/24 00:48	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Gehrig Federal 1

Job ID: 880-49780-1
SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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Method Summary

Client: Carmona Resources
Project/Site: Gehrig Federal 1

Job ID: 880-49780-1
SDG: Eddy County, New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



Sample Summary

Client: Carmona Resources
Project/Site: Gehrig Federal 1

Job ID: 880-49780-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-49780-1	H-1 (0-0.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49780-2	H-2 (0-0.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49780-3	H-3 (0-0.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49780-4	H-4 (0-0.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49780-5	H-5 (0-0.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49780-6	H-6 (0-0.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49780-7	H-7 (0-0.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49780-8	H-8 (0-0.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49780-9	H-9 (0-0.5')	Solid	10/07/24 00:00	10/14/24 15:50

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Chain of Custody



880-49780 Chain of Custody

Page 1 of 1

Project Manager: **Conner Moehring**
 Company Name: **Carmona Resources**
 Address: **310 W Wall St Ste 500**
Midland, TX 79701
 City, State ZIP:
 Phone: **432-813-6823**
 Email: mcarmona@carmonaresources.com

Bill to: (if different)
 Company Name:
 Address:
 City, State ZIP:
 Email: mcarmona@carmonaresources.com

Carmona Resources

Work Order Comments
 Program: UST/PST PRP Brownfields RRC perfund
 State of Project:
 Reporting: Level II Level III ST/UST RRP Level IV
 Deliverables: EDD ADaPT Other:

Project Name:		Turn Around		Pres. Code		ANALYSIS REQUEST		Preservative Codes					
Project Number:	Project Location	Temp Blank:	Yes No	Wet Ice:	Yes No	Parameters	# of Cont	Grab/Comp	Water	Soil	Time	Date	Sample Identification
2534	Eddy County, New Mexico	Yes No	Yes No	Yes No	Yes No							10/7/2024	H-1 (0-0.5')
		Yes No	Yes No	Yes No	Yes No							10/7/2024	H-2 (0-0.5')
		Yes No	Yes No	Yes No	Yes No							10/7/2024	H-3 (0-0.5')
		Yes No	Yes No	Yes No	Yes No							10/7/2024	H-4 (0-0.5')
		Yes No	Yes No	Yes No	Yes No							10/7/2024	H-5 (0-0.5')
		Yes No	Yes No	Yes No	Yes No							10/7/2024	H-6 (0-0.5')
		Yes No	Yes No	Yes No	Yes No							10/7/2024	H-7 (0-0.5')
		Yes No	Yes No	Yes No	Yes No							10/7/2024	H-8 (0-0.5')
		Yes No	Yes No	Yes No	Yes No							10/7/2024	H-9 (0-0.5')
Received Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Thermometer ID: Cooler Custody Seals: Yes No N/A Correction Factor: Sample Custody Seals: Yes No N/A Temperature Reading: Total Containers: Corrected Temperature:													
BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 300.0													
None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC													

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature) _____ Date/Time _____
 Received by: (Signature) _____ Date/Time 10/16/2024

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-49780-1
SDG Number: Eddy County, New Mexico

Login Number: 49780

List Number: 1

Creator: Vasquez, Julisa

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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").	N/A	

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
 Carmona Resources
 310 W Wall St
 Ste 500
 Midland, Texas 79701

Generated 10/17/2024 1:50:57 PM

JOB DESCRIPTION

Gehrig Federal 1
 Eddy County, New Mexico

JOB NUMBER

880-49783-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
10/17/2024 1:50:57 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

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Client: Carmona Resources
Project/Site: Gehrig Federal 1

Laboratory Job ID: 880-49783-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

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: Carmona Resources
Project: Gehrig Federal 1

Job ID: 880-49783-1

Job ID: 880-49783-1

Eurofins Midland

Job Narrative 880-49783-1

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 10/14/2024 3:50 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -3.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-1.0') (880-49783-1), S-1 (1.5') (880-49783-2), S-1 (2.0') (880-49783-3), S-1 (3.0') (880-49783-4), S-2 (0-1.0') (880-49783-5), S-2 (1.5') (880-49783-6), S-2 (2.0') (880-49783-7), S-2 (3.0') (880-49783-8), S-3 (0-1.0') (880-49783-9), S-3 (1.5') (880-49783-10), S-3 (2.0') (880-49783-11), S-3 (3.0') (880-49783-12), S-4 (0-1.0') (880-49783-13), S-4 (1.5') (880-49783-14), S-4 (2.0') (880-49783-15), S-5 (0-1.0') (880-49783-16), S-5 (1.5') (880-49783-17), S-5 (2.0') (880-49783-18), S-6 (0-1.0') (880-49783-19), S-6 (1.5') (880-49783-20), S-6 (2.0') (880-49783-21), S-7 (0-1.0') (880-49783-22) and S-7 (1.5') (880-49783-23).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-6 (2.0') (880-49783-21), S-7 (0-1.0') (880-49783-22), S-7 (1.5') (880-49783-23) and (880-49779-A-7-E). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-93311 and analytical batch 880-93308 was outside the upper control limits.

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-93298/2-A) and (LCSD 880-93298/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: S-1 (2.0') (880-49783-3), S-1 (3.0') (880-49783-4), S-3 (0-1.0') (880-49783-9), S-3 (1.5') (880-49783-10), S-3 (2.0') (880-49783-11) and (880-49780-A-1-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-93300/2-A) and (LCSD 880-93300/3-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-93301 and analytical batch 880-93323 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-1 (0-1.0')

Lab Sample ID: 880-49783-1

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/15/24 08:30	10/15/24 12:15	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/15/24 08:30	10/15/24 12:15	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/15/24 08:30	10/15/24 12:15	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/15/24 08:30	10/15/24 12:15	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/15/24 08:30	10/15/24 12:15	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/15/24 08:30	10/15/24 12:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	10/15/24 08:30	10/15/24 12:15	1
1,4-Difluorobenzene (Surr)	97		70 - 130	10/15/24 08:30	10/15/24 12:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/15/24 12:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/24 03:59	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 08:00	10/16/24 03:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 08:00	10/16/24 03:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 08:00	10/16/24 03:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130	10/15/24 08:00	10/16/24 03:59	1
o-Terphenyl	116		70 - 130	10/15/24 08:00	10/16/24 03:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1510		49.8		mg/Kg			10/16/24 01:09	5

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-49783-2

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:30	10/15/24 12:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:30	10/15/24 12:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:30	10/15/24 12:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 08:30	10/15/24 12:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:30	10/15/24 12:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 08:30	10/15/24 12:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	10/15/24 08:30	10/15/24 12:35	1
1,4-Difluorobenzene (Surr)	110		70 - 130	10/15/24 08:30	10/15/24 12:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-49783-2

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/15/24 12:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/16/24 04:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/15/24 08:00	10/16/24 04:31	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 08:00	10/16/24 04:31	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 08:00	10/16/24 04:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130	10/15/24 08:00	10/16/24 04:31	1
o-Terphenyl	119		70 - 130	10/15/24 08:00	10/16/24 04:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	511		9.94		mg/Kg			10/16/24 01:16	1

Client Sample ID: S-1 (2.0')

Lab Sample ID: 880-49783-3

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 12:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 12:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 12:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/15/24 08:30	10/15/24 12:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 12:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/24 08:30	10/15/24 12:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	10/15/24 08:30	10/15/24 12:56	1
1,4-Difluorobenzene (Surr)	108		70 - 130	10/15/24 08:30	10/15/24 12:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/15/24 12:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/16/24 04:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/15/24 08:00	10/16/24 04:46	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 08:00	10/16/24 04:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-1 (2.0')

Lab Sample ID: 880-49783-3

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 08:00	10/16/24 04:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	143	S1+	70 - 130				10/15/24 08:00	10/16/24 04:46	1
o-Terphenyl	136	S1+	70 - 130				10/15/24 08:00	10/16/24 04:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	290		9.92		mg/Kg			10/16/24 01:37	1

Client Sample ID: S-1 (3.0')

Lab Sample ID: 880-49783-4

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 13:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 13:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 13:16	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 08:30	10/15/24 13:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 13:16	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 08:30	10/15/24 13:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				10/15/24 08:30	10/15/24 13:16	1
1,4-Difluorobenzene (Surr)	104		70 - 130				10/15/24 08:30	10/15/24 13:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/15/24 13:16	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/24 05:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 08:00	10/16/24 05:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 08:00	10/16/24 05:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 08:00	10/16/24 05:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	141	S1+	70 - 130				10/15/24 08:00	10/16/24 05:03	1
o-Terphenyl	133	S1+	70 - 130				10/15/24 08:00	10/16/24 05:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	244		10.1		mg/Kg			10/16/24 01:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-2 (0-1.0')

Lab Sample ID: 880-49783-5

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:30	10/15/24 13:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:30	10/15/24 13:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:30	10/15/24 13:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 08:30	10/15/24 13:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:30	10/15/24 13:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 08:30	10/15/24 13:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	10/15/24 08:30	10/15/24 13:37	1
1,4-Difluorobenzene (Surr)	109		70 - 130	10/15/24 08:30	10/15/24 13:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/15/24 13:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/24 05:19	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 08:00	10/16/24 05:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 08:00	10/16/24 05:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 08:00	10/16/24 05:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130	10/15/24 08:00	10/16/24 05:19	1
o-Terphenyl	116		70 - 130	10/15/24 08:00	10/16/24 05:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4110		101		mg/Kg			10/16/24 01:50	10

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-49783-6

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/15/24 08:30	10/15/24 13:57	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 08:30	10/15/24 13:57	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 08:30	10/15/24 13:57	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/15/24 08:30	10/15/24 13:57	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 08:30	10/15/24 13:57	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/15/24 08:30	10/15/24 13:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	10/15/24 08:30	10/15/24 13:57	1
1,4-Difluorobenzene (Surr)	105		70 - 130	10/15/24 08:30	10/15/24 13:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-49783-6

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/15/24 13:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/24 05:34	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 08:00	10/16/24 05:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 08:00	10/16/24 05:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 08:00	10/16/24 05:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				10/15/24 08:00	10/16/24 05:34	1
o-Terphenyl	112		70 - 130				10/15/24 08:00	10/16/24 05:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2210		50.3		mg/Kg			10/16/24 01:57	5

Client Sample ID: S-2 (2.0')

Lab Sample ID: 880-49783-7

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:30	10/15/24 14:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:30	10/15/24 14:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:30	10/15/24 14:17	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 08:30	10/15/24 14:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:30	10/15/24 14:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 08:30	10/15/24 14:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				10/15/24 08:30	10/15/24 14:17	1
1,4-Difluorobenzene (Surr)	111		70 - 130				10/15/24 08:30	10/15/24 14:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/15/24 14:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/24 05:50	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 08:00	10/16/24 05:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 08:00	10/16/24 05:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-2 (2.0')

Lab Sample ID: 880-49783-7

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 08:00	10/16/24 05:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				10/15/24 08:00	10/16/24 05:50	1
o-Terphenyl	102		70 - 130				10/15/24 08:00	10/16/24 05:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1190		50.4		mg/Kg			10/16/24 02:04	5

Client Sample ID: S-2 (3.0')

Lab Sample ID: 880-49783-8

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 14:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 14:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 14:38	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 08:30	10/15/24 14:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 14:38	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 08:30	10/15/24 14:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130				10/15/24 08:30	10/15/24 14:38	1
1,4-Difluorobenzene (Surr)	114		70 - 130				10/15/24 08:30	10/15/24 14:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/15/24 14:38	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/16/24 06:05	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/15/24 08:00	10/16/24 06:05	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 08:00	10/16/24 06:05	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 08:00	10/16/24 06:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130				10/15/24 08:00	10/16/24 06:05	1
o-Terphenyl	122		70 - 130				10/15/24 08:00	10/16/24 06:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2670		50.3		mg/Kg			10/16/24 02:11	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-3 (0-1.0')

Lab Sample ID: 880-49783-9

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:30	10/15/24 14:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:30	10/15/24 14:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:30	10/15/24 14:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 08:30	10/15/24 14:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:30	10/15/24 14:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 08:30	10/15/24 14:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	10/15/24 08:30	10/15/24 14:58	1
1,4-Difluorobenzene (Surr)	110		70 - 130	10/15/24 08:30	10/15/24 14:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/15/24 14:58	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	98.6		50.0		mg/Kg			10/16/24 06:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 08:00	10/16/24 06:22	1
Diesel Range Organics (Over C10-C28)	98.6		50.0		mg/Kg		10/15/24 08:00	10/16/24 06:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 08:00	10/16/24 06:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	255	S1+	70 - 130	10/15/24 08:00	10/16/24 06:22	1
o-Terphenyl	240	S1+	70 - 130	10/15/24 08:00	10/16/24 06:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9060		200		mg/Kg			10/16/24 02:18	20

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-49783-10

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:30	10/15/24 15:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:30	10/15/24 15:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:30	10/15/24 15:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 08:30	10/15/24 15:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:30	10/15/24 15:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 08:30	10/15/24 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	10/15/24 08:30	10/15/24 15:19	1
1,4-Difluorobenzene (Surr)	101		70 - 130	10/15/24 08:30	10/15/24 15:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-49783-10

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/15/24 15:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/24 06:37	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 08:00	10/16/24 06:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 08:00	10/16/24 06:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 08:00	10/16/24 06:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	145	S1+	70 - 130				10/15/24 08:00	10/16/24 06:37	1
o-Terphenyl	137	S1+	70 - 130				10/15/24 08:00	10/16/24 06:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1010	F1	49.6		mg/Kg			10/15/24 10:19	5

Client Sample ID: S-3 (2.0')

Lab Sample ID: 880-49783-11

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/15/24 08:30	10/15/24 17:10	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/15/24 08:30	10/15/24 17:10	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/15/24 08:30	10/15/24 17:10	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/15/24 08:30	10/15/24 17:10	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/15/24 08:30	10/15/24 17:10	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/15/24 08:30	10/15/24 17:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				10/15/24 08:30	10/15/24 17:10	1
1,4-Difluorobenzene (Surr)	98		70 - 130				10/15/24 08:30	10/15/24 17:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/15/24 17:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/24 06:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 08:00	10/16/24 06:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 08:00	10/16/24 06:53	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-3 (2.0')

Lab Sample ID: 880-49783-11

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 08:00	10/16/24 06:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130				10/15/24 08:00	10/16/24 06:53	1
o-Terphenyl	130		70 - 130				10/15/24 08:00	10/16/24 06:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.1		9.96		mg/Kg			10/15/24 10:38	1

Client Sample ID: S-3 (3.0')

Lab Sample ID: 880-49783-12

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:30	10/15/24 17:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:30	10/15/24 17:30	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:30	10/15/24 17:30	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 08:30	10/15/24 17:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:30	10/15/24 17:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 08:30	10/15/24 17:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				10/15/24 08:30	10/15/24 17:30	1
1,4-Difluorobenzene (Surr)	111		70 - 130				10/15/24 08:30	10/15/24 17:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/15/24 17:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/24 10:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 08:03	10/16/24 10:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 08:03	10/16/24 10:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 08:03	10/16/24 10:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				10/15/24 08:03	10/16/24 10:41	1
o-Terphenyl	111		70 - 130				10/15/24 08:03	10/16/24 10:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		9.92		mg/Kg			10/15/24 10:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-4 (0-1.0')

Lab Sample ID: 880-49783-13

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:30	10/15/24 17:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:30	10/15/24 17:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:30	10/15/24 17:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 08:30	10/15/24 17:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:30	10/15/24 17:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 08:30	10/15/24 17:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	10/15/24 08:30	10/15/24 17:51	1
1,4-Difluorobenzene (Surr)	108		70 - 130	10/15/24 08:30	10/15/24 17:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/15/24 17:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/24 12:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 08:03	10/16/24 12:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 08:03	10/16/24 12:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 08:03	10/16/24 12:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	10/15/24 08:03	10/16/24 12:29	1
o-Terphenyl	103		70 - 130	10/15/24 08:03	10/16/24 12:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.4		10.1		mg/Kg			10/15/24 10:50	1

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-49783-14

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 18:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 18:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 18:11	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 08:30	10/15/24 18:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 18:11	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 08:30	10/15/24 18:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	10/15/24 08:30	10/15/24 18:11	1
1,4-Difluorobenzene (Surr)	108		70 - 130	10/15/24 08:30	10/15/24 18:11	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-49783-14

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/15/24 18:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/24 12:44	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 08:03	10/16/24 12:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 08:03	10/16/24 12:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 08:03	10/16/24 12:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				10/15/24 08:03	10/16/24 12:44	1
o-Terphenyl	84		70 - 130				10/15/24 08:03	10/16/24 12:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	241		9.96		mg/Kg			10/15/24 10:56	1

Client Sample ID: S-4 (2.0')

Lab Sample ID: 880-49783-15

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/15/24 08:30	10/15/24 18:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 08:30	10/15/24 18:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 08:30	10/15/24 18:32	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/15/24 08:30	10/15/24 18:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 08:30	10/15/24 18:32	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/15/24 08:30	10/15/24 18:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				10/15/24 08:30	10/15/24 18:32	1
1,4-Difluorobenzene (Surr)	109		70 - 130				10/15/24 08:30	10/15/24 18:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/15/24 18:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/24 12:58	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 08:03	10/16/24 12:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 08:03	10/16/24 12:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-4 (2.0')

Lab Sample ID: 880-49783-15

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 08:03	10/16/24 12:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				10/15/24 08:03	10/16/24 12:58	1
o-Terphenyl	105		70 - 130				10/15/24 08:03	10/16/24 12:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	208		10.1		mg/Kg			10/15/24 11:15	1

Client Sample ID: S-5 (0-1.0')

Lab Sample ID: 880-49783-16

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:30	10/15/24 18:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:30	10/15/24 18:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:30	10/15/24 18:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 08:30	10/15/24 18:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:30	10/15/24 18:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 08:30	10/15/24 18:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				10/15/24 08:30	10/15/24 18:52	1
1,4-Difluorobenzene (Surr)	106		70 - 130				10/15/24 08:30	10/15/24 18:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/15/24 18:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	70.2		50.0		mg/Kg			10/16/24 13:14	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 08:03	10/16/24 13:14	1
Diesel Range Organics (Over C10-C28)	70.2		50.0		mg/Kg		10/15/24 08:03	10/16/24 13:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 08:03	10/16/24 13:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				10/15/24 08:03	10/16/24 13:14	1
o-Terphenyl	104		70 - 130				10/15/24 08:03	10/16/24 13:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1090		50.1		mg/Kg			10/15/24 11:21	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-49783-17

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 19:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 19:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 19:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/15/24 08:30	10/15/24 19:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 19:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/24 08:30	10/15/24 19:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	10/15/24 08:30	10/15/24 19:13	1
1,4-Difluorobenzene (Surr)	122		70 - 130	10/15/24 08:30	10/15/24 19:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/15/24 19:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/24 13:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 08:03	10/16/24 13:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 08:03	10/16/24 13:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 08:03	10/16/24 13:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	10/15/24 08:03	10/16/24 13:28	1
o-Terphenyl	92		70 - 130	10/15/24 08:03	10/16/24 13:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	297		10.0		mg/Kg			10/15/24 11:28	1

Client Sample ID: S-5 (2.0')

Lab Sample ID: 880-49783-18

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:30	10/15/24 19:33	1
Toluene	0.00314		0.00199		mg/Kg		10/15/24 08:30	10/15/24 19:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:30	10/15/24 19:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 08:30	10/15/24 19:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:30	10/15/24 19:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 08:30	10/15/24 19:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	10/15/24 08:30	10/15/24 19:33	1
1,4-Difluorobenzene (Surr)	109		70 - 130	10/15/24 08:30	10/15/24 19:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-5 (2.0')

Lab Sample ID: 880-49783-18

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/15/24 19:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/24 13:57	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 08:03	10/16/24 13:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 08:03	10/16/24 13:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 08:03	10/16/24 13:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	10/15/24 08:03	10/16/24 13:57	1
o-Terphenyl	90		70 - 130	10/15/24 08:03	10/16/24 13:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	168		10.0		mg/Kg			10/15/24 11:34	1

Client Sample ID: S-6 (0-1.0')

Lab Sample ID: 880-49783-19

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:30	10/15/24 19:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:30	10/15/24 19:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:30	10/15/24 19:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 08:30	10/15/24 19:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:30	10/15/24 19:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 08:30	10/15/24 19:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	10/15/24 08:30	10/15/24 19:53	1
1,4-Difluorobenzene (Surr)	109		70 - 130	10/15/24 08:30	10/15/24 19:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/15/24 19:53	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	68.5		49.8		mg/Kg			10/16/24 14:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 08:03	10/16/24 14:13	1
Diesel Range Organics (Over C10-C28)	68.5		49.8		mg/Kg		10/15/24 08:03	10/16/24 14:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-6 (0-1.0')

Lab Sample ID: 880-49783-19

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 08:03	10/16/24 14:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				10/15/24 08:03	10/16/24 14:13	1
o-Terphenyl	88		70 - 130				10/15/24 08:03	10/16/24 14:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2930		198		mg/Kg			10/15/24 11:40	20

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-49783-20

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/15/24 08:30	10/15/24 20:14	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 08:30	10/15/24 20:14	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 08:30	10/15/24 20:14	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/15/24 08:30	10/15/24 20:14	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 08:30	10/15/24 20:14	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/15/24 08:30	10/15/24 20:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				10/15/24 08:30	10/15/24 20:14	1
1,4-Difluorobenzene (Surr)	109		70 - 130				10/15/24 08:30	10/15/24 20:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/15/24 20:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	73.8		49.9		mg/Kg			10/16/24 14:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 08:03	10/16/24 14:28	1
Diesel Range Organics (Over C10-C28)	73.8		49.9		mg/Kg		10/15/24 08:03	10/16/24 14:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 08:03	10/16/24 14:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				10/15/24 08:03	10/16/24 14:28	1
o-Terphenyl	92		70 - 130				10/15/24 08:03	10/16/24 14:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	544		9.90		mg/Kg			10/15/24 11:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-6 (2.0')

Lab Sample ID: 880-49783-21

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:28	10/15/24 13:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:28	10/15/24 13:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:28	10/15/24 13:47	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 08:28	10/15/24 13:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 08:28	10/15/24 13:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 08:28	10/15/24 13:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	10/15/24 08:28	10/15/24 13:47	1
1,4-Difluorobenzene (Surr)	91		70 - 130	10/15/24 08:28	10/15/24 13:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/15/24 13:47	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/16/24 14:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/15/24 08:03	10/16/24 14:42	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 08:03	10/16/24 14:42	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 08:03	10/16/24 14:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	10/15/24 08:03	10/16/24 14:42	1
o-Terphenyl	91		70 - 130	10/15/24 08:03	10/16/24 14:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	247		10.0		mg/Kg			10/15/24 12:05	1

Client Sample ID: S-7 (0-1.0')

Lab Sample ID: 880-49783-22

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:28	10/15/24 14:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:28	10/15/24 14:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:28	10/15/24 14:07	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 08:28	10/15/24 14:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:28	10/15/24 14:07	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 08:28	10/15/24 14:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	10/15/24 08:28	10/15/24 14:07	1
1,4-Difluorobenzene (Surr)	91		70 - 130	10/15/24 08:28	10/15/24 14:07	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-7 (0-1.0')

Lab Sample ID: 880-49783-22

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/15/24 14:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/24 14:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 08:03	10/16/24 14:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 08:03	10/16/24 14:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 08:03	10/16/24 14:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				10/15/24 08:03	10/16/24 14:56	1
o-Terphenyl	106		70 - 130				10/15/24 08:03	10/16/24 14:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6240		201		mg/Kg			10/15/24 12:12	20

Client Sample ID: S-7 (1.5')

Lab Sample ID: 880-49783-23

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:28	10/15/24 14:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:28	10/15/24 14:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:28	10/15/24 14:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 08:28	10/15/24 14:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 08:28	10/15/24 14:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 08:28	10/15/24 14:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130				10/15/24 08:28	10/15/24 14:27	1
1,4-Difluorobenzene (Surr)	90		70 - 130				10/15/24 08:28	10/15/24 14:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/15/24 14:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/24 15:12	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 08:03	10/16/24 15:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 08:03	10/16/24 15:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-7 (1.5')

Lab Sample ID: 880-49783-23

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 08:03	10/16/24 15:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				10/15/24 08:03	10/16/24 15:12	1
o-Terphenyl	106		70 - 130				10/15/24 08:03	10/16/24 15:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3930		100		mg/Kg			10/15/24 12:30	10

Surrogate Summary

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-49779-A-7-C MS	Matrix Spike	127	91
880-49779-A-7-D MSD	Matrix Spike Duplicate	127	92
880-49783-1	S-1 (0-1.0')	92	97
880-49783-1 MS	S-1 (0-1.0')	123	102
880-49783-1 MSD	S-1 (0-1.0')	108	100
880-49783-2	S-1 (1.5')	119	110
880-49783-3	S-1 (2.0')	113	108
880-49783-4	S-1 (3.0')	116	104
880-49783-5	S-2 (0-1.0')	119	109
880-49783-6	S-2 (1.5')	103	105
880-49783-7	S-2 (2.0')	123	111
880-49783-8	S-2 (3.0')	132 S1+	114
880-49783-9	S-3 (0-1.0')	114	110
880-49783-10	S-3 (1.5')	110	101
880-49783-11	S-3 (2.0')	89	98
880-49783-12	S-3 (3.0')	121	111
880-49783-13	S-4 (0-1.0')	117	108
880-49783-14	S-4 (1.5')	110	108
880-49783-15	S-4 (2.0')	118	109
880-49783-16	S-5 (0-1.0')	115	106
880-49783-17	S-5 (1.5')	125	122
880-49783-18	S-5 (2.0')	122	109
880-49783-19	S-6 (0-1.0')	120	109
880-49783-20	S-6 (1.5')	120	109
880-49783-21	S-6 (2.0')	137 S1+	91
880-49783-22	S-7 (0-1.0')	139 S1+	91
880-49783-23	S-7 (1.5')	136 S1+	90
LCS 880-93310/1-A	Lab Control Sample	122	88
LCS 880-93311/1-A	Lab Control Sample	105	99
LCSD 880-93310/2-A	Lab Control Sample Dup	120	88
LCSD 880-93311/2-A	Lab Control Sample Dup	103	109
MB 880-93310/5-A	Method Blank	128	90
MB 880-93311/5-A	Method Blank	160 S1+	106

Surrogate Legend
 BFB = 4-Bromofluorobenzene (Surr)
 DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-49780-A-1-B MS	Matrix Spike	123	123
880-49780-A-1-C MSD	Matrix Spike Duplicate	123	123
880-49783-1	S-1 (0-1.0')	123	116
880-49783-2	S-1 (1.5')	129	119
880-49783-3	S-1 (2.0')	143 S1+	136 S1+
880-49783-4	S-1 (3.0')	141 S1+	133 S1+

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Surrogate Summary

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-49783-5	S-2 (0-1.0')	124	116
880-49783-6	S-2 (1.5')	120	112
880-49783-7	S-2 (2.0')	107	102
880-49783-8	S-2 (3.0')	129	122
880-49783-9	S-3 (0-1.0')	255 S1+	240 S1+
880-49783-10	S-3 (1.5')	145 S1+	137 S1+
880-49783-11	S-3 (2.0')	134 S1+	130
880-49783-12	S-3 (3.0')	110	111
880-49783-12 MS	S-3 (3.0')	112	101
880-49783-12 MSD	S-3 (3.0')	112	100
880-49783-13	S-4 (0-1.0')	103	103
880-49783-14	S-4 (1.5')	87	84
880-49783-15	S-4 (2.0')	106	105
880-49783-16	S-5 (0-1.0')	100	104
880-49783-17	S-5 (1.5')	94	92
880-49783-18	S-5 (2.0')	90	90
880-49783-19	S-6 (0-1.0')	86	88
880-49783-20	S-6 (1.5')	90	92
880-49783-21	S-6 (2.0')	94	91
880-49783-22	S-7 (0-1.0')	106	106
880-49783-23	S-7 (1.5')	108	106
LCS 880-93298/2-A	Lab Control Sample	99	151 S1+
LCS 880-93300/2-A	Lab Control Sample	131 S1+	120
LCSD 880-93298/3-A	Lab Control Sample Dup	93	143 S1+
LCSD 880-93300/3-A	Lab Control Sample Dup	130	116
MB 880-93298/1-A	Method Blank	116	111
MB 880-93300/1-A	Method Blank	86	86

Surrogate Legend

1CO = 1-Chlorooctane
 OTPH = o-Terphenyl

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

QC Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-93310/5-A
 Matrix: Solid
 Analysis Batch: 93304

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 93310

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:28	10/15/24 11:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:28	10/15/24 11:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:28	10/15/24 11:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 08:28	10/15/24 11:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:28	10/15/24 11:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 08:28	10/15/24 11:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	10/15/24 08:28	10/15/24 11:22	1
1,4-Difluorobenzene (Surr)	90		70 - 130	10/15/24 08:28	10/15/24 11:22	1

Lab Sample ID: LCS 880-93310/1-A
 Matrix: Solid
 Analysis Batch: 93304

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 93310

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1216		mg/Kg		122	70 - 130
Toluene	0.100	0.1150		mg/Kg		115	70 - 130
Ethylbenzene	0.100	0.1167		mg/Kg		117	70 - 130
m-Xylene & p-Xylene	0.200	0.2272		mg/Kg		114	70 - 130
o-Xylene	0.100	0.1154		mg/Kg		115	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	88		70 - 130

Lab Sample ID: LCSD 880-93310/2-A
 Matrix: Solid
 Analysis Batch: 93304

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 93310

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1181		mg/Kg		118	70 - 130	3	35
Toluene	0.100	0.1123		mg/Kg		112	70 - 130	2	35
Ethylbenzene	0.100	0.1145		mg/Kg		115	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2225		mg/Kg		111	70 - 130	2	35
o-Xylene	0.100	0.1131		mg/Kg		113	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	88		70 - 130

Lab Sample ID: 880-49779-A-7-C MS
 Matrix: Solid
 Analysis Batch: 93304

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 93310

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.1138		mg/Kg		114	70 - 130
Toluene	<0.00202	U	0.100	0.1051		mg/Kg		105	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-49779-A-7-C MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 93304

Prep Batch: 93310

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00202	U	0.100	0.1050		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.200	0.2027		mg/Kg		101	70 - 130
o-Xylene	<0.00202	U	0.100	0.1048		mg/Kg		105	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 880-49779-A-7-D MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 93304

Prep Batch: 93310

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00202	U	0.100	0.1165		mg/Kg		116	70 - 130	2	35
Toluene	<0.00202	U	0.100	0.1070		mg/Kg		107	70 - 130	2	35
Ethylbenzene	<0.00202	U	0.100	0.1075		mg/Kg		108	70 - 130	2	35
m-Xylene & p-Xylene	<0.00403	U	0.200	0.2068		mg/Kg		103	70 - 130	2	35
o-Xylene	<0.00202	U	0.100	0.1072		mg/Kg		107	70 - 130	2	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: MB 880-93311/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 93308

Prep Batch: 93311

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 11:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 11:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 11:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 08:30	10/15/24 11:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 11:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 08:30	10/15/24 11:46	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	160	S1+	70 - 130	10/15/24 08:30	10/15/24 11:46	1
1,4-Difluorobenzene (Surr)	106		70 - 130	10/15/24 08:30	10/15/24 11:46	1

Lab Sample ID: LCS 880-93311/1-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 93308

Prep Batch: 93311

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.09781		mg/Kg		98	70 - 130
Toluene	0.100	0.09763		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.09990		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.2080		mg/Kg		104	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-93311/1-A
Matrix: Solid
Analysis Batch: 93308

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93311

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1159		mg/Kg		116	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-93311/2-A
Matrix: Solid
Analysis Batch: 93308

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 93311

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1152		mg/Kg		115	70 - 130	16	35
Toluene	0.100	0.1045		mg/Kg		105	70 - 130	7	35
Ethylbenzene	0.100	0.1119		mg/Kg		112	70 - 130	11	35
m-Xylene & p-Xylene	0.200	0.2130		mg/Kg		106	70 - 130	2	35
o-Xylene	0.100	0.1221		mg/Kg		122	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 880-49783-1 MS
Matrix: Solid
Analysis Batch: 93308

Client Sample ID: S-1 (0-1.0')
Prep Type: Total/NA
Prep Batch: 93311

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.09526		mg/Kg		95	70 - 130
Toluene	<0.00202	U	0.100	0.09844		mg/Kg		98	70 - 130
Ethylbenzene	<0.00202	U	0.100	0.09740		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.200	0.2251		mg/Kg		113	70 - 130
o-Xylene	<0.00202	U	0.100	0.1236		mg/Kg		124	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-49783-1 MSD
Matrix: Solid
Analysis Batch: 93308

Client Sample ID: S-1 (0-1.0')
Prep Type: Total/NA
Prep Batch: 93311

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00202	U	0.100	0.09179		mg/Kg		92	70 - 130	4	35
Toluene	<0.00202	U	0.100	0.09593		mg/Kg		96	70 - 130	3	35
Ethylbenzene	<0.00202	U	0.100	0.08788		mg/Kg		88	70 - 130	10	35
m-Xylene & p-Xylene	<0.00403	U	0.200	0.1996		mg/Kg		100	70 - 130	12	35
o-Xylene	<0.00202	U	0.100	0.1017		mg/Kg		102	70 - 130	19	35

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QC Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-49783-1 MSD
 Matrix: Solid
 Analysis Batch: 93308

Client Sample ID: S-1 (0-1.0')
 Prep Type: Total/NA
 Prep Batch: 93311

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-93298/1-A
 Matrix: Solid
 Analysis Batch: 93400

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 93298

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 08:00	10/16/24 00:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 08:00	10/16/24 00:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 08:00	10/16/24 00:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	10/15/24 08:00	10/16/24 00:17	1
o-Terphenyl	111		70 - 130	10/15/24 08:00	10/16/24 00:17	1

Lab Sample ID: LCS 880-93298/2-A
 Matrix: Solid
 Analysis Batch: 93400

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 93298

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	929.8		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1148		mg/Kg		115	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	151	S1+	70 - 130

Lab Sample ID: LCSD 880-93298/3-A
 Matrix: Solid
 Analysis Batch: 93400

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 93298

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	881.1		mg/Kg		88	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1086		mg/Kg		109	70 - 130	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	143	S1+	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-49780-A-1-B MS

Matrix: Solid
 Analysis Batch: 93400

Client Sample ID: Matrix Spike

Prep Type: Total/NA
 Prep Batch: 93298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	913.0		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	998	889.8		mg/Kg		89	70 - 130
MS MS									
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	123		70 - 130						
o-Terphenyl	123		70 - 130						

Lab Sample ID: 880-49780-A-1-C MSD

Matrix: Solid
 Analysis Batch: 93400

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA
 Prep Batch: 93298

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	895.9		mg/Kg		90	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	890.6		mg/Kg		89	70 - 130	0	20
MSD MSD											
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	123		70 - 130								
o-Terphenyl	123		70 - 130								

Lab Sample ID: MB 880-93300/1-A

Matrix: Solid
 Analysis Batch: 93440

Client Sample ID: Method Blank

Prep Type: Total/NA
 Prep Batch: 93300

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 08:03	10/16/24 00:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 08:03	10/16/24 00:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 08:03	10/16/24 00:30	1
MB MB									
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	86		70 - 130	10/15/24 08:03	10/16/24 00:30	1			
o-Terphenyl	86		70 - 130	10/15/24 08:03	10/16/24 00:30	1			

Lab Sample ID: LCS 880-93300/2-A

Matrix: Solid
 Analysis Batch: 93440

Client Sample ID: Lab Control Sample

Prep Type: Total/NA
 Prep Batch: 93300

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1085		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1120		mg/Kg		112	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-93300/2-A
Matrix: Solid
Analysis Batch: 93440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93300

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	131	S1+	70 - 130
o-Terphenyl	120		70 - 130

Lab Sample ID: LCSD 880-93300/3-A
Matrix: Solid
Analysis Batch: 93440

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 93300

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	1091		mg/Kg		109	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)	1000	1048		mg/Kg		105	70 - 130	7	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	130		70 - 130
o-Terphenyl	116		70 - 130

Lab Sample ID: 880-49783-12 MS
Matrix: Solid
Analysis Batch: 93440

Client Sample ID: S-3 (3.0')
Prep Type: Total/NA
Prep Batch: 93300

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	796.7		mg/Kg		80	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	999	789.8		mg/Kg		79	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	112		70 - 130
o-Terphenyl	101		70 - 130

Lab Sample ID: 880-49783-12 MSD
Matrix: Solid
Analysis Batch: 93440

Client Sample ID: S-3 (3.0')
Prep Type: Total/NA
Prep Batch: 93300

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	823.3		mg/Kg		82	70 - 130	3
Diesel Range Organics (Over C10-C28)	<49.9	U	999	779.1		mg/Kg		78	70 - 130	1

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	112		70 - 130
o-Terphenyl	100		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-93301/1-A
 Matrix: Solid
 Analysis Batch: 93323

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/15/24 10:00	1

Lab Sample ID: LCS 880-93301/2-A
 Matrix: Solid
 Analysis Batch: 93323

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250.5		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-93301/3-A
 Matrix: Solid
 Analysis Batch: 93323

Client Sample ID: Lab Control Sample Dup
 Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	250.3		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-49783-10 MS
 Matrix: Solid
 Analysis Batch: 93323

Client Sample ID: S-3 (1.5')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1010	F1	1240	2383	F1	mg/Kg		111	90 - 110

Lab Sample ID: 880-49783-10 MSD
 Matrix: Solid
 Analysis Batch: 93323

Client Sample ID: S-3 (1.5')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1010	F1	1240	2385	F1	mg/Kg		111	90 - 110	0	20

Lab Sample ID: 880-49783-20 MS
 Matrix: Solid
 Analysis Batch: 93323

Client Sample ID: S-6 (1.5')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	544		248	784.5		mg/Kg		97	90 - 110

Lab Sample ID: 880-49783-20 MSD
 Matrix: Solid
 Analysis Batch: 93323

Client Sample ID: S-6 (1.5')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	544		248	785.5		mg/Kg		98	90 - 110	0	20

Lab Sample ID: MB 880-93302/1-A
 Matrix: Solid
 Analysis Batch: 93336

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/15/24 22:51	1

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QC Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-93302/2-A
Matrix: Solid
Analysis Batch: 93336

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	252.7		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-93302/3-A
Matrix: Solid
Analysis Batch: 93336

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	256.5		mg/Kg		103	90 - 110	2	20

Lab Sample ID: 880-49780-A-9-C MS
Matrix: Solid
Analysis Batch: 93336

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	415		253	649.4		mg/Kg		93	90 - 110

Lab Sample ID: 880-49780-A-9-D MSD
Matrix: Solid
Analysis Batch: 93336

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	415		253	649.9		mg/Kg		93	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

GC VOA

Analysis Batch: 93304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49783-21	S-6 (2.0')	Total/NA	Solid	8021B	93310
880-49783-22	S-7 (0-1.0')	Total/NA	Solid	8021B	93310
880-49783-23	S-7 (1.5')	Total/NA	Solid	8021B	93310
MB 880-93310/5-A	Method Blank	Total/NA	Solid	8021B	93310
LCS 880-93310/1-A	Lab Control Sample	Total/NA	Solid	8021B	93310
LCSD 880-93310/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	93310
880-49779-A-7-C MS	Matrix Spike	Total/NA	Solid	8021B	93310
880-49779-A-7-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	93310

Analysis Batch: 93308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49783-1	S-1 (0-1.0')	Total/NA	Solid	8021B	93311
880-49783-2	S-1 (1.5')	Total/NA	Solid	8021B	93311
880-49783-3	S-1 (2.0')	Total/NA	Solid	8021B	93311
880-49783-4	S-1 (3.0')	Total/NA	Solid	8021B	93311
880-49783-5	S-2 (0-1.0')	Total/NA	Solid	8021B	93311
880-49783-6	S-2 (1.5')	Total/NA	Solid	8021B	93311
880-49783-7	S-2 (2.0')	Total/NA	Solid	8021B	93311
880-49783-8	S-2 (3.0')	Total/NA	Solid	8021B	93311
880-49783-9	S-3 (0-1.0')	Total/NA	Solid	8021B	93311
880-49783-10	S-3 (1.5')	Total/NA	Solid	8021B	93311
880-49783-11	S-3 (2.0')	Total/NA	Solid	8021B	93311
880-49783-12	S-3 (3.0')	Total/NA	Solid	8021B	93311
880-49783-13	S-4 (0-1.0')	Total/NA	Solid	8021B	93311
880-49783-14	S-4 (1.5')	Total/NA	Solid	8021B	93311
880-49783-15	S-4 (2.0')	Total/NA	Solid	8021B	93311
880-49783-16	S-5 (0-1.0')	Total/NA	Solid	8021B	93311
880-49783-17	S-5 (1.5')	Total/NA	Solid	8021B	93311
880-49783-18	S-5 (2.0')	Total/NA	Solid	8021B	93311
880-49783-19	S-6 (0-1.0')	Total/NA	Solid	8021B	93311
880-49783-20	S-6 (1.5')	Total/NA	Solid	8021B	93311
MB 880-93311/5-A	Method Blank	Total/NA	Solid	8021B	93311
LCS 880-93311/1-A	Lab Control Sample	Total/NA	Solid	8021B	93311
LCSD 880-93311/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	93311
880-49783-1 MS	S-1 (0-1.0')	Total/NA	Solid	8021B	93311
880-49783-1 MSD	S-1 (0-1.0')	Total/NA	Solid	8021B	93311

Prep Batch: 93310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49783-21	S-6 (2.0')	Total/NA	Solid	5035	
880-49783-22	S-7 (0-1.0')	Total/NA	Solid	5035	
880-49783-23	S-7 (1.5')	Total/NA	Solid	5035	
MB 880-93310/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-93310/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-93310/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-49779-A-7-C MS	Matrix Spike	Total/NA	Solid	5035	
880-49779-A-7-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 93311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49783-1	S-1 (0-1.0')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

GC VOA (Continued)

Prep Batch: 93311 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49783-2	S-1 (1.5')	Total/NA	Solid	5035	
880-49783-3	S-1 (2.0')	Total/NA	Solid	5035	
880-49783-4	S-1 (3.0')	Total/NA	Solid	5035	
880-49783-5	S-2 (0-1.0')	Total/NA	Solid	5035	
880-49783-6	S-2 (1.5')	Total/NA	Solid	5035	
880-49783-7	S-2 (2.0')	Total/NA	Solid	5035	
880-49783-8	S-2 (3.0')	Total/NA	Solid	5035	
880-49783-9	S-3 (0-1.0')	Total/NA	Solid	5035	
880-49783-10	S-3 (1.5')	Total/NA	Solid	5035	
880-49783-11	S-3 (2.0')	Total/NA	Solid	5035	
880-49783-12	S-3 (3.0')	Total/NA	Solid	5035	
880-49783-13	S-4 (0-1.0')	Total/NA	Solid	5035	
880-49783-14	S-4 (1.5')	Total/NA	Solid	5035	
880-49783-15	S-4 (2.0')	Total/NA	Solid	5035	
880-49783-16	S-5 (0-1.0')	Total/NA	Solid	5035	
880-49783-17	S-5 (1.5')	Total/NA	Solid	5035	
880-49783-18	S-5 (2.0')	Total/NA	Solid	5035	
880-49783-19	S-6 (0-1.0')	Total/NA	Solid	5035	
880-49783-20	S-6 (1.5')	Total/NA	Solid	5035	
MB 880-93311/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-93311/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-93311/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-49783-1 MS	S-1 (0-1.0')	Total/NA	Solid	5035	
880-49783-1 MSD	S-1 (0-1.0')	Total/NA	Solid	5035	

Analysis Batch: 93388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49783-1	S-1 (0-1.0')	Total/NA	Solid	Total BTEX	
880-49783-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-49783-3	S-1 (2.0')	Total/NA	Solid	Total BTEX	
880-49783-4	S-1 (3.0')	Total/NA	Solid	Total BTEX	
880-49783-5	S-2 (0-1.0')	Total/NA	Solid	Total BTEX	
880-49783-6	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-49783-7	S-2 (2.0')	Total/NA	Solid	Total BTEX	
880-49783-8	S-2 (3.0')	Total/NA	Solid	Total BTEX	
880-49783-9	S-3 (0-1.0')	Total/NA	Solid	Total BTEX	
880-49783-10	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-49783-11	S-3 (2.0')	Total/NA	Solid	Total BTEX	
880-49783-12	S-3 (3.0')	Total/NA	Solid	Total BTEX	
880-49783-13	S-4 (0-1.0')	Total/NA	Solid	Total BTEX	
880-49783-14	S-4 (1.5')	Total/NA	Solid	Total BTEX	
880-49783-15	S-4 (2.0')	Total/NA	Solid	Total BTEX	
880-49783-16	S-5 (0-1.0')	Total/NA	Solid	Total BTEX	
880-49783-17	S-5 (1.5')	Total/NA	Solid	Total BTEX	
880-49783-18	S-5 (2.0')	Total/NA	Solid	Total BTEX	
880-49783-19	S-6 (0-1.0')	Total/NA	Solid	Total BTEX	
880-49783-20	S-6 (1.5')	Total/NA	Solid	Total BTEX	
880-49783-21	S-6 (2.0')	Total/NA	Solid	Total BTEX	
880-49783-22	S-7 (0-1.0')	Total/NA	Solid	Total BTEX	
880-49783-23	S-7 (1.5')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
SDG: Eddy County, New Mexico

GC Semi VOA

Prep Batch: 93298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49783-1	S-1 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-49783-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-49783-3	S-1 (2.0')	Total/NA	Solid	8015NM Prep	
880-49783-4	S-1 (3.0')	Total/NA	Solid	8015NM Prep	
880-49783-5	S-2 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-49783-6	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-49783-7	S-2 (2.0')	Total/NA	Solid	8015NM Prep	
880-49783-8	S-2 (3.0')	Total/NA	Solid	8015NM Prep	
880-49783-9	S-3 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-49783-10	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-49783-11	S-3 (2.0')	Total/NA	Solid	8015NM Prep	
MB 880-93298/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-93298/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-93298/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-49780-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-49780-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 93300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49783-12	S-3 (3.0')	Total/NA	Solid	8015NM Prep	
880-49783-13	S-4 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-49783-14	S-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-49783-15	S-4 (2.0')	Total/NA	Solid	8015NM Prep	
880-49783-16	S-5 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-49783-17	S-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-49783-18	S-5 (2.0')	Total/NA	Solid	8015NM Prep	
880-49783-19	S-6 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-49783-20	S-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-49783-21	S-6 (2.0')	Total/NA	Solid	8015NM Prep	
880-49783-22	S-7 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-49783-23	S-7 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-93300/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-93300/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-93300/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-49783-12 MS	S-3 (3.0')	Total/NA	Solid	8015NM Prep	
880-49783-12 MSD	S-3 (3.0')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 93400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49783-1	S-1 (0-1.0')	Total/NA	Solid	8015B NM	93298
880-49783-2	S-1 (1.5')	Total/NA	Solid	8015B NM	93298
880-49783-3	S-1 (2.0')	Total/NA	Solid	8015B NM	93298
880-49783-4	S-1 (3.0')	Total/NA	Solid	8015B NM	93298
880-49783-5	S-2 (0-1.0')	Total/NA	Solid	8015B NM	93298
880-49783-6	S-2 (1.5')	Total/NA	Solid	8015B NM	93298
880-49783-7	S-2 (2.0')	Total/NA	Solid	8015B NM	93298
880-49783-8	S-2 (3.0')	Total/NA	Solid	8015B NM	93298
880-49783-9	S-3 (0-1.0')	Total/NA	Solid	8015B NM	93298
880-49783-10	S-3 (1.5')	Total/NA	Solid	8015B NM	93298
880-49783-11	S-3 (2.0')	Total/NA	Solid	8015B NM	93298
MB 880-93298/1-A	Method Blank	Total/NA	Solid	8015B NM	93298

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QC Association Summary

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 93400 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-93298/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	93298
LCSD 880-93298/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	93298
880-49780-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	93298
880-49780-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	93298

Analysis Batch: 93440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49783-12	S-3 (3.0')	Total/NA	Solid	8015B NM	93300
880-49783-13	S-4 (0-1.0')	Total/NA	Solid	8015B NM	93300
880-49783-14	S-4 (1.5')	Total/NA	Solid	8015B NM	93300
880-49783-15	S-4 (2.0')	Total/NA	Solid	8015B NM	93300
880-49783-16	S-5 (0-1.0')	Total/NA	Solid	8015B NM	93300
880-49783-17	S-5 (1.5')	Total/NA	Solid	8015B NM	93300
880-49783-18	S-5 (2.0')	Total/NA	Solid	8015B NM	93300
880-49783-19	S-6 (0-1.0')	Total/NA	Solid	8015B NM	93300
880-49783-20	S-6 (1.5')	Total/NA	Solid	8015B NM	93300
880-49783-21	S-6 (2.0')	Total/NA	Solid	8015B NM	93300
880-49783-22	S-7 (0-1.0')	Total/NA	Solid	8015B NM	93300
880-49783-23	S-7 (1.5')	Total/NA	Solid	8015B NM	93300
MB 880-93300/1-A	Method Blank	Total/NA	Solid	8015B NM	93300
LCS 880-93300/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	93300
LCSD 880-93300/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	93300
880-49783-12 MS	S-3 (3.0')	Total/NA	Solid	8015B NM	93300
880-49783-12 MSD	S-3 (3.0')	Total/NA	Solid	8015B NM	93300

Analysis Batch: 93481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49783-1	S-1 (0-1.0')	Total/NA	Solid	8015 NM	
880-49783-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-49783-3	S-1 (2.0')	Total/NA	Solid	8015 NM	
880-49783-4	S-1 (3.0')	Total/NA	Solid	8015 NM	
880-49783-5	S-2 (0-1.0')	Total/NA	Solid	8015 NM	
880-49783-6	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-49783-7	S-2 (2.0')	Total/NA	Solid	8015 NM	
880-49783-8	S-2 (3.0')	Total/NA	Solid	8015 NM	
880-49783-9	S-3 (0-1.0')	Total/NA	Solid	8015 NM	
880-49783-10	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-49783-11	S-3 (2.0')	Total/NA	Solid	8015 NM	
880-49783-12	S-3 (3.0')	Total/NA	Solid	8015 NM	
880-49783-13	S-4 (0-1.0')	Total/NA	Solid	8015 NM	
880-49783-14	S-4 (1.5')	Total/NA	Solid	8015 NM	
880-49783-15	S-4 (2.0')	Total/NA	Solid	8015 NM	
880-49783-16	S-5 (0-1.0')	Total/NA	Solid	8015 NM	
880-49783-17	S-5 (1.5')	Total/NA	Solid	8015 NM	
880-49783-18	S-5 (2.0')	Total/NA	Solid	8015 NM	
880-49783-19	S-6 (0-1.0')	Total/NA	Solid	8015 NM	
880-49783-20	S-6 (1.5')	Total/NA	Solid	8015 NM	
880-49783-21	S-6 (2.0')	Total/NA	Solid	8015 NM	
880-49783-22	S-7 (0-1.0')	Total/NA	Solid	8015 NM	
880-49783-23	S-7 (1.5')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

HPLC/IC

Leach Batch: 93301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49783-10	S-3 (1.5')	Soluble	Solid	DI Leach	
880-49783-11	S-3 (2.0')	Soluble	Solid	DI Leach	
880-49783-12	S-3 (3.0')	Soluble	Solid	DI Leach	
880-49783-13	S-4 (0-1.0')	Soluble	Solid	DI Leach	
880-49783-14	S-4 (1.5')	Soluble	Solid	DI Leach	
880-49783-15	S-4 (2.0')	Soluble	Solid	DI Leach	
880-49783-16	S-5 (0-1.0')	Soluble	Solid	DI Leach	
880-49783-17	S-5 (1.5')	Soluble	Solid	DI Leach	
880-49783-18	S-5 (2.0')	Soluble	Solid	DI Leach	
880-49783-19	S-6 (0-1.0')	Soluble	Solid	DI Leach	
880-49783-20	S-6 (1.5')	Soluble	Solid	DI Leach	
880-49783-21	S-6 (2.0')	Soluble	Solid	DI Leach	
880-49783-22	S-7 (0-1.0')	Soluble	Solid	DI Leach	
880-49783-23	S-7 (1.5')	Soluble	Solid	DI Leach	
MB 880-93301/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-93301/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-93301/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-49783-10 MS	S-3 (1.5')	Soluble	Solid	DI Leach	
880-49783-10 MSD	S-3 (1.5')	Soluble	Solid	DI Leach	
880-49783-20 MS	S-6 (1.5')	Soluble	Solid	DI Leach	
880-49783-20 MSD	S-6 (1.5')	Soluble	Solid	DI Leach	

Leach Batch: 93302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49783-1	S-1 (0-1.0')	Soluble	Solid	DI Leach	
880-49783-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-49783-3	S-1 (2.0')	Soluble	Solid	DI Leach	
880-49783-4	S-1 (3.0')	Soluble	Solid	DI Leach	
880-49783-5	S-2 (0-1.0')	Soluble	Solid	DI Leach	
880-49783-6	S-2 (1.5')	Soluble	Solid	DI Leach	
880-49783-7	S-2 (2.0')	Soluble	Solid	DI Leach	
880-49783-8	S-2 (3.0')	Soluble	Solid	DI Leach	
880-49783-9	S-3 (0-1.0')	Soluble	Solid	DI Leach	
MB 880-93302/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-93302/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-93302/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-49780-A-9-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-49780-A-9-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 93323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49783-10	S-3 (1.5')	Soluble	Solid	300.0	93301
880-49783-11	S-3 (2.0')	Soluble	Solid	300.0	93301
880-49783-12	S-3 (3.0')	Soluble	Solid	300.0	93301
880-49783-13	S-4 (0-1.0')	Soluble	Solid	300.0	93301
880-49783-14	S-4 (1.5')	Soluble	Solid	300.0	93301
880-49783-15	S-4 (2.0')	Soluble	Solid	300.0	93301
880-49783-16	S-5 (0-1.0')	Soluble	Solid	300.0	93301
880-49783-17	S-5 (1.5')	Soluble	Solid	300.0	93301
880-49783-18	S-5 (2.0')	Soluble	Solid	300.0	93301
880-49783-19	S-6 (0-1.0')	Soluble	Solid	300.0	93301

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 93323 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49783-20	S-6 (1.5')	Soluble	Solid	300.0	93301
880-49783-21	S-6 (2.0')	Soluble	Solid	300.0	93301
880-49783-22	S-7 (0-1.0')	Soluble	Solid	300.0	93301
880-49783-23	S-7 (1.5')	Soluble	Solid	300.0	93301
MB 880-93301/1-A	Method Blank	Soluble	Solid	300.0	93301
LCS 880-93301/2-A	Lab Control Sample	Soluble	Solid	300.0	93301
LCSD 880-93301/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	93301
880-49783-10 MS	S-3 (1.5')	Soluble	Solid	300.0	93301
880-49783-10 MSD	S-3 (1.5')	Soluble	Solid	300.0	93301
880-49783-20 MS	S-6 (1.5')	Soluble	Solid	300.0	93301
880-49783-20 MSD	S-6 (1.5')	Soluble	Solid	300.0	93301

Analysis Batch: 93336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49783-1	S-1 (0-1.0')	Soluble	Solid	300.0	93302
880-49783-2	S-1 (1.5')	Soluble	Solid	300.0	93302
880-49783-3	S-1 (2.0')	Soluble	Solid	300.0	93302
880-49783-4	S-1 (3.0')	Soluble	Solid	300.0	93302
880-49783-5	S-2 (0-1.0')	Soluble	Solid	300.0	93302
880-49783-6	S-2 (1.5')	Soluble	Solid	300.0	93302
880-49783-7	S-2 (2.0')	Soluble	Solid	300.0	93302
880-49783-8	S-2 (3.0')	Soluble	Solid	300.0	93302
880-49783-9	S-3 (0-1.0')	Soluble	Solid	300.0	93302
MB 880-93302/1-A	Method Blank	Soluble	Solid	300.0	93302
LCS 880-93302/2-A	Lab Control Sample	Soluble	Solid	300.0	93302
LCSD 880-93302/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	93302
880-49780-A-9-C MS	Matrix Spike	Soluble	Solid	300.0	93302
880-49780-A-9-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	93302

Lab Chronicle

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-1 (0-1.0')

Lab Sample ID: 880-49783-1

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	93311	10/15/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/15/24 12:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93388	10/15/24 12:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			93481	10/16/24 03:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	93298	10/15/24 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93400	10/16/24 03:59	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93302	10/15/24 08:09	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93336	10/16/24 01:09	CH	EET MID

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-49783-2

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	93311	10/15/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/15/24 12:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93388	10/15/24 12:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			93481	10/16/24 04:31	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	93298	10/15/24 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93400	10/16/24 04:31	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	93302	10/15/24 08:09	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93336	10/16/24 01:16	CH	EET MID

Client Sample ID: S-1 (2.0')

Lab Sample ID: 880-49783-3

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	93311	10/15/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/15/24 12:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93388	10/15/24 12:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			93481	10/16/24 04:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	93298	10/15/24 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93400	10/16/24 04:46	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93302	10/15/24 08:09	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93336	10/16/24 01:37	CH	EET MID

Client Sample ID: S-1 (3.0')

Lab Sample ID: 880-49783-4

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	93311	10/15/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/15/24 13:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93388	10/15/24 13:16	SM	EET MID

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-1 (3.0')

Lab Sample ID: 880-49783-4

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			93481	10/16/24 05:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93298	10/15/24 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93400	10/16/24 05:03	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	93302	10/15/24 08:09	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93336	10/16/24 01:43	CH	EET MID

Client Sample ID: S-2 (0-1.0')

Lab Sample ID: 880-49783-5

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	93311	10/15/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/15/24 13:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93388	10/15/24 13:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			93481	10/16/24 05:19	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	93298	10/15/24 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93400	10/16/24 05:19	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	93302	10/15/24 08:09	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93336	10/16/24 01:50	CH	EET MID

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-49783-6

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	93311	10/15/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/15/24 13:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93388	10/15/24 13:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			93481	10/16/24 05:34	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	93298	10/15/24 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93400	10/16/24 05:34	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	93302	10/15/24 08:09	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93336	10/16/24 01:57	CH	EET MID

Client Sample ID: S-2 (2.0')

Lab Sample ID: 880-49783-7

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	93311	10/15/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/15/24 14:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93388	10/15/24 14:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			93481	10/16/24 05:50	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	93298	10/15/24 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93400	10/16/24 05:50	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-2 (2.0')

Lab Sample ID: 880-49783-7

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	93302	10/15/24 08:09	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93336	10/16/24 02:04	CH	EET MID

Client Sample ID: S-2 (3.0')

Lab Sample ID: 880-49783-8

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	93311	10/15/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/15/24 14:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93388	10/15/24 14:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			93481	10/16/24 06:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	93298	10/15/24 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93400	10/16/24 06:05	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	93302	10/15/24 08:09	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93336	10/16/24 02:11	CH	EET MID

Client Sample ID: S-3 (0-1.0')

Lab Sample ID: 880-49783-9

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	93311	10/15/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/15/24 14:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93388	10/15/24 14:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			93481	10/16/24 06:22	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93298	10/15/24 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93400	10/16/24 06:22	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	93302	10/15/24 08:09	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	93336	10/16/24 02:18	CH	EET MID

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-49783-10

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	93311	10/15/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/15/24 15:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93388	10/15/24 15:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			93481	10/16/24 06:37	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	93298	10/15/24 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93400	10/16/24 06:37	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93301	10/15/24 08:04	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93323	10/15/24 10:19	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-3 (2.0')

Lab Sample ID: 880-49783-11

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	93311	10/15/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/15/24 17:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93388	10/15/24 17:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			93481	10/16/24 06:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	93298	10/15/24 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93400	10/16/24 06:53	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93301	10/15/24 08:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93323	10/15/24 10:38	CH	EET MID

Client Sample ID: S-3 (3.0')

Lab Sample ID: 880-49783-12

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	93311	10/15/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/15/24 17:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93388	10/15/24 17:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			93481	10/16/24 10:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	93300	10/15/24 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 10:41	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93301	10/15/24 08:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93323	10/15/24 10:44	CH	EET MID

Client Sample ID: S-4 (0-1.0')

Lab Sample ID: 880-49783-13

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	93311	10/15/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/15/24 17:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93388	10/15/24 17:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			93481	10/16/24 12:29	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	93300	10/15/24 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 12:29	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	93301	10/15/24 08:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93323	10/15/24 10:50	CH	EET MID

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-49783-14

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	93311	10/15/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/15/24 18:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93388	10/15/24 18:11	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-49783-14

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			93481	10/16/24 12:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	93300	10/15/24 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 12:44	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93301	10/15/24 08:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93323	10/15/24 10:56	CH	EET MID

Client Sample ID: S-4 (2.0')

Lab Sample ID: 880-49783-15

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	93311	10/15/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/15/24 18:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93388	10/15/24 18:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			93481	10/16/24 12:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	93300	10/15/24 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 12:58	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	93301	10/15/24 08:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93323	10/15/24 11:15	CH	EET MID

Client Sample ID: S-5 (0-1.0')

Lab Sample ID: 880-49783-16

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	93311	10/15/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/15/24 18:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93388	10/15/24 18:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			93481	10/16/24 13:14	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93300	10/15/24 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 13:14	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	93301	10/15/24 08:04	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93323	10/15/24 11:21	CH	EET MID

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-49783-17

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	93311	10/15/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/15/24 19:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93388	10/15/24 19:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			93481	10/16/24 13:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	93300	10/15/24 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 13:28	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-49783-17

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	93301	10/15/24 08:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93323	10/15/24 11:28	CH	EET MID

Client Sample ID: S-5 (2.0')

Lab Sample ID: 880-49783-18

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	93311	10/15/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/15/24 19:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93388	10/15/24 19:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			93481	10/16/24 13:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	93300	10/15/24 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 13:57	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	93301	10/15/24 08:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93323	10/15/24 11:34	CH	EET MID

Client Sample ID: S-6 (0-1.0')

Lab Sample ID: 880-49783-19

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	93311	10/15/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/15/24 19:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93388	10/15/24 19:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			93481	10/16/24 14:13	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	93300	10/15/24 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 14:13	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	93301	10/15/24 08:04	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	93323	10/15/24 11:40	CH	EET MID

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-49783-20

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	93311	10/15/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/15/24 20:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93388	10/15/24 20:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			93481	10/16/24 14:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	93300	10/15/24 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 14:28	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	93301	10/15/24 08:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93323	10/15/24 11:47	CH	EET MID

Lab Chronicle

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-6 (2.0')

Lab Sample ID: 880-49783-21

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	93310	10/15/24 08:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/15/24 13:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93388	10/15/24 13:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			93481	10/16/24 14:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	93300	10/15/24 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 14:42	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	93301	10/15/24 08:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93323	10/15/24 12:05	CH	EET MID

Client Sample ID: S-7 (0-1.0')

Lab Sample ID: 880-49783-22

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	93310	10/15/24 08:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/15/24 14:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93388	10/15/24 14:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			93481	10/16/24 14:56	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93300	10/15/24 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 14:56	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	93301	10/15/24 08:04	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	93323	10/15/24 12:12	CH	EET MID

Client Sample ID: S-7 (1.5')

Lab Sample ID: 880-49783-23

Date Collected: 10/07/24 00:00

Matrix: Solid

Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	93310	10/15/24 08:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/15/24 14:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93388	10/15/24 14:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			93481	10/16/24 15:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	93300	10/15/24 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 15:12	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	93301	10/15/24 08:04	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93323	10/15/24 12:30	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date												
Texas	NELAP	T104704400	06-30-25												
<p>The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.</p> <table border="1"> <thead> <tr> <th>Analysis Method</th> <th>Prep Method</th> <th>Matrix</th> <th>Analyte</th> </tr> </thead> <tbody> <tr> <td>8015 NM</td> <td></td> <td>Solid</td> <td>Total TPH</td> </tr> <tr> <td>Total BTEX</td> <td></td> <td>Solid</td> <td>Total BTEX</td> </tr> </tbody> </table>				Analysis Method	Prep Method	Matrix	Analyte	8015 NM		Solid	Total TPH	Total BTEX		Solid	Total BTEX
Analysis Method	Prep Method	Matrix	Analyte												
8015 NM		Solid	Total TPH												
Total BTEX		Solid	Total BTEX												

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Method Summary

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
 SDG: Eddy County, New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



Sample Summary

Client: Carmona Resources
Project/Site: Gehrig Federal 1

Job ID: 880-49783-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-49783-1	S-1 (0-1.0')	Solid	10/07/24 00:00	10/14/24 15:50
880-49783-2	S-1 (1.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49783-3	S-1 (2.0')	Solid	10/07/24 00:00	10/14/24 15:50
880-49783-4	S-1 (3.0')	Solid	10/07/24 00:00	10/14/24 15:50
880-49783-5	S-2 (0-1.0')	Solid	10/07/24 00:00	10/14/24 15:50
880-49783-6	S-2 (1.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49783-7	S-2 (2.0')	Solid	10/07/24 00:00	10/14/24 15:50
880-49783-8	S-2 (3.0')	Solid	10/07/24 00:00	10/14/24 15:50
880-49783-9	S-3 (0-1.0')	Solid	10/07/24 00:00	10/14/24 15:50
880-49783-10	S-3 (1.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49783-11	S-3 (2.0')	Solid	10/07/24 00:00	10/14/24 15:50
880-49783-12	S-3 (3.0')	Solid	10/07/24 00:00	10/14/24 15:50
880-49783-13	S-4 (0-1.0')	Solid	10/07/24 00:00	10/14/24 15:50
880-49783-14	S-4 (1.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49783-15	S-4 (2.0')	Solid	10/07/24 00:00	10/14/24 15:50
880-49783-16	S-5 (0-1.0')	Solid	10/07/24 00:00	10/14/24 15:50
880-49783-17	S-5 (1.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49783-18	S-5 (2.0')	Solid	10/07/24 00:00	10/14/24 15:50
880-49783-19	S-6 (0-1.0')	Solid	10/07/24 00:00	10/14/24 15:50
880-49783-20	S-6 (1.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49783-21	S-6 (2.0')	Solid	10/07/24 00:00	10/14/24 15:50
880-49783-22	S-7 (0-1.0')	Solid	10/07/24 00:00	10/14/24 15:50
880-49783-23	S-7 (1.5')	Solid	10/07/24 00:00	10/14/24 15:50

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Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonarresources.com

Work Order Comments	
Program: USTRPST <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RRC <input type="checkbox"/> perfund	
State of Project:	
Reporting Level: Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	



Project Name:	Gehrig Federal 1		Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST	Preservative Codes
Project Number:	2534						None: NO DI Water: H ₂ O
Project Location:	Eddy County, New Mexico	Due Date:	72 HR				Cool: Cool MeOH: Me
Sampler's Name:	IR & DI						HCL: HC HNO ₃ : HN
PO #:							H ₂ SO ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT	Tapp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Wet Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				H ₃ PO ₄ : HP NaHSO ₄ : NABIS
Received Intact:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Thermometer ID:					Na ₂ S ₂ O ₅ : NASO ₃
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	Correction Factor:					Zn Acetate+NaOH: Zn
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	Temperature Reading:					NaOH+Ascorbic Acid: SARC
Total Containers:		Corrected Temperature:					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
S-1 (0-1.0')	10/7/2024		X		G	1	X	X	X	
S-1 (1.5')	10/7/2024		X		G	1	X	X	X	
S-1 (2.0')	10/7/2024		X		G	1	X	X	X	
S-1 (3.0')	10/7/2024		X		G	1	X	X	X	
S-2 (0-1.0')	10/7/2024		X		G	1	X	X	X	
S-2 (1.5')	10/7/2024		X		G	1	X	X	X	
S-2 (2.0')	10/7/2024		X		G	1	X	X	X	
S-2 (3.0')	10/7/2024		X		G	1	X	X	X	
S-3 (0-1.0')	10/7/2024		X		G	1	X	X	X	
S-3 (1.5')	10/7/2024		X		G	1	X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonarresources.com and Conner Moehring / Cmoehring@carmonarresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			10/14/24 5:50

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Chain of Custody

Work Order No: _____

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Page 2 of 3

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.com

Work Order Comments	
Program: UST/PT	<input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> perfund
State of Project:	
Reporting Level: I	<input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Getring Federal 1		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes					
	Project Number:	2534	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date:	72 HR																
Project Location:	Eddy County, New Mexico																	None: NO	DI Water: H ₂ O				
Sampler's Name:	IR & DI																	Cool: Cool	MeOH: Me				
PO #:																		HCL: HC	HNO ₃ : HN				
SAMPLE RECEIPT	Temp Blank:	Yes	No	Thermometer ID:	Yes	No	Wet Ice:	Yes	No													H ₂ SO ₄ : H ₂	NaOH: Na
Received Intact:	Yes	No	Correction Factor:													H ₃ PO ₄ : HP							
Cooler Custody Seals:	Yes	No	Temperature Reading:													NaHSO ₄ : NABIS							
Sample Custody Seals:	Yes	No	Corrected Temperature:													Na ₂ S ₂ O ₅ : NASO ₅							
Total Containers:																		Zn Acetate+NaOH: Zn					
																		NaOH+Ascorbic Acid: SAPC					
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments				
S-3 (2.0')	10/7/2024		X		G	1	X	X	X														
S-3 (3.0')	10/7/2024		X		G	1	X	X	X														
S-4 (0-1.0')	10/7/2024		X		G	1	X	X	X														
S-4 (1.5')	10/7/2024		X		G	1	X	X	X														
S-4 (2.0')	10/7/2024		X		G	1	X	X	X														
S-5 (0-1.0')	10/7/2024		X		G	1	X	X	X														
S-5 (1.5')	10/7/2024		X		G	1	X	X	X														
S-5 (2.0')	10/7/2024		X		G	1	X	X	X														
S-6 (0-1.0')	10/7/2024		X		G	1	X	X	X														
S-6 (1.5')	10/7/2024		X		G	1	X	X	X														

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

Relinquished by: (Signature)	
Date/Time	
Received by: (Signature)	
Date/Time	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-49783-1
SDG Number: Eddy County, New Mexico

Login Number: 49783

List Number: 1

Creator: Vasquez, Julisa

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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").	N/A	

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
 Carmona Resources
 310 W Wall St
 Ste 500
 Midland, Texas 79701

Generated 11/20/2024 12:45:53 PM

JOB DESCRIPTION

Gehrig Federal 1
 Eddy County, New Mexico

JOB NUMBER

880-51172-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



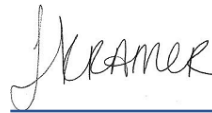
Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
11/20/2024 12:45:53 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

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Client: Carmona Resources
Project/Site: Gehrig Federal 1

Laboratory Job ID: 880-51172-1
SDG: Eddy County, New Mexico

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Client Sample Results	6
Surrogate Summary	7
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Definitions/Glossary

Client: Carmona Resources
Project/Site: Gehrig Federal 1

Job ID: 880-51172-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

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: Carmona Resources
Project: Gehrig Federal 1

Job ID: 880-51172-1

Job ID: 880-51172-1

Eurofins Midland

Job Narrative 880-51172-1

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 11/18/2024 11:30 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 -3.8°C.

Receipt Exceptions

The following sample was received and analyzed from an unpreserved bulk soil jar: H-8 (0-0.5') (880-51172-1).

GC VOA

Method 8021B: The laboratory control sample duplicate (LCSD) associated with preparation batch 880-95921 and analytical batch 880-95906 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-95837/2-A) and (LCSD 880-95837/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: H-8 (0-0.5') (880-51172-1). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-95837 and analytical batch 880-96065 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-95837 and analytical batch 880-96065 was outside the control 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.

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Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51172-1
 SDG: Eddy County, New Mexico

Client Sample ID: H-8 (0-0.5')

Lab Sample ID: 880-51172-1

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U **	0.00201		mg/Kg		11/18/24 12:19	11/18/24 20:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/18/24 12:19	11/18/24 20:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/18/24 12:19	11/18/24 20:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/18/24 12:19	11/18/24 20:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/18/24 12:19	11/18/24 20:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/18/24 12:19	11/18/24 20:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	11/18/24 12:19	11/18/24 20:06	1
1,4-Difluorobenzene (Surr)	96		70 - 130	11/18/24 12:19	11/18/24 20:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/18/24 20:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/19/24 22:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		11/15/24 14:39	11/19/24 22:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/15/24 14:39	11/19/24 22:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/15/24 14:39	11/19/24 22:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	11/15/24 14:39	11/19/24 22:00	1
o-Terphenyl	68	S1-	70 - 130	11/15/24 14:39	11/19/24 22:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	550		10.1		mg/Kg			11/18/24 22:09	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Gehrig Federal 1

Job ID: 880-51172-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-51121-A-15-D MS	Matrix Spike	102	99
880-51121-A-15-E MSD	Matrix Spike Duplicate	101	100
880-51172-1	H-8 (0-0.5')	117	96
LCS 880-95921/1-A	Lab Control Sample	96	100
LCSD 880-95921/2-A	Lab Control Sample Dup	106	104
MB 880-95921/5-A	Method Blank	111	89

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-51172-1	H-8 (0-0.5')	91	68 S1-
890-7392-A-112-B MS	Matrix Spike	94	80
890-7392-A-112-C MSD	Matrix Spike Duplicate	94	79
LCS 880-95837/2-A	Lab Control Sample	134 S1+	118
LCSD 880-95837/3-A	Lab Control Sample Dup	142 S1+	124
MB 880-95837/1-A	Method Blank	80	64 S1-

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51172-1
 SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-95921/5-A
 Matrix: Solid
 Analysis Batch: 95906

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 95921

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/24 09:31	11/18/24 12:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/24 09:31	11/18/24 12:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/24 09:31	11/18/24 12:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/18/24 09:31	11/18/24 12:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/24 09:31	11/18/24 12:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/18/24 09:31	11/18/24 12:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	11/18/24 09:31	11/18/24 12:32	1
1,4-Difluorobenzene (Surr)	89		70 - 130	11/18/24 09:31	11/18/24 12:32	1

Lab Sample ID: LCS 880-95921/1-A
 Matrix: Solid
 Analysis Batch: 95906

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 95921

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1255		mg/Kg		125	70 - 130
Toluene	0.100	0.1184		mg/Kg		118	70 - 130
Ethylbenzene	0.100	0.1208		mg/Kg		121	70 - 130
m-Xylene & p-Xylene	0.200	0.2416		mg/Kg		121	70 - 130
o-Xylene	0.100	0.1224		mg/Kg		122	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-95921/2-A
 Matrix: Solid
 Analysis Batch: 95906

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 95921

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1328	*+	mg/Kg		133	70 - 130	6	35
Toluene	0.100	0.1264		mg/Kg		126	70 - 130	7	35
Ethylbenzene	0.100	0.1280		mg/Kg		128	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.2558		mg/Kg		128	70 - 130	6	35
o-Xylene	0.100	0.1293		mg/Kg		129	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-51121-A-15-D MS
 Matrix: Solid
 Analysis Batch: 95906

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 95921

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U *+	0.100	0.1231		mg/Kg		123	70 - 130
Toluene	<0.00200	U	0.100	0.1154		mg/Kg		115	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51172-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-51121-A-15-D MS
Matrix: Solid
Analysis Batch: 95906

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 95921

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U	0.100	0.1172		mg/Kg		117	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2347		mg/Kg		117	70 - 130
o-Xylene	<0.00200	U	0.100	0.1194		mg/Kg		119	70 - 130
MS MS									
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	102		70 - 130						
1,4-Difluorobenzene (Surr)	99		70 - 130						

Lab Sample ID: 880-51121-A-15-E MSD
Matrix: Solid
Analysis Batch: 95906

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 95921

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD	Limit
	Result	Qualifier		Result	Qualifier							
Benzene	<0.00200	U **	0.100	0.1262		mg/Kg		126	70 - 130	3		35
Toluene	<0.00200	U	0.100	0.1190		mg/Kg		119	70 - 130	3		35
Ethylbenzene	<0.00200	U	0.100	0.1203		mg/Kg		120	70 - 130	3		35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2395		mg/Kg		120	70 - 130	2		35
o-Xylene	<0.00200	U	0.100	0.1224		mg/Kg		122	70 - 130	2		35
MSD MSD												
Surrogate	%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	101		70 - 130									
1,4-Difluorobenzene (Surr)	100		70 - 130									

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-95837/1-A
Matrix: Solid
Analysis Batch: 96065

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 95837

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/15/24 14:39	11/19/24 19:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/24 14:39	11/19/24 19:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/24 14:39	11/19/24 19:32	1
MB MB									
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	80		70 - 130	11/15/24 14:39	11/19/24 19:32	1			
o-Terphenyl	64	S1-	70 - 130	11/15/24 14:39	11/19/24 19:32	1			

Lab Sample ID: LCS 880-95837/2-A
Matrix: Solid
Analysis Batch: 96065

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 95837

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
		Added	Result				
Gasoline Range Organics (GRO)-C6-C10	1000	1238		mg/Kg		124	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1054		mg/Kg		105	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51172-1
 SDG: Eddy County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-95837/2-A
Matrix: Solid
Analysis Batch: 96065

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 95837

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	134	S1+	70 - 130
o-Terphenyl	118		70 - 130

Lab Sample ID: LCSD 880-95837/3-A
Matrix: Solid
Analysis Batch: 96065

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 95837

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	1305	*+	mg/Kg		131	70 - 130	5	20	
Diesel Range Organics (Over C10-C28)	1000	1095		mg/Kg		109	70 - 130	4	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	142	S1+	70 - 130
o-Terphenyl	124		70 - 130

Lab Sample ID: 890-7392-A-112-B MS
Matrix: Solid
Analysis Batch: 96065

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 95837

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	997	875.4		mg/Kg		88	70 - 130			
Diesel Range Organics (Over C10-C28)	<50.0	U	997	736.0		mg/Kg		74	70 - 130			

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	94		70 - 130
o-Terphenyl	80		70 - 130

Lab Sample ID: 890-7392-A-112-C MSD
Matrix: Solid
Analysis Batch: 96065

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 95837

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	997	883.2		mg/Kg		89	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)	<50.0	U	997	738.8		mg/Kg		74	70 - 130	0	20	

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	94		70 - 130
o-Terphenyl	79		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51172-1
 SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-95998/1-A
 Matrix: Solid
 Analysis Batch: 96024

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			11/18/24 21:49	1

Lab Sample ID: LCS 880-95998/2-A
 Matrix: Solid
 Analysis Batch: 96024

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	246.3		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-95998/3-A
 Matrix: Solid
 Analysis Batch: 96024

Client Sample ID: Lab Control Sample Dup
 Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	248.1		mg/Kg		99	90 - 110	1	20

Lab Sample ID: 880-51172-1 MS
 Matrix: Solid
 Analysis Batch: 96024

Client Sample ID: H-8 (0-0.5')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	550		252	825.1		mg/Kg		109	90 - 110

Lab Sample ID: 880-51172-1 MSD
 Matrix: Solid
 Analysis Batch: 96024

Client Sample ID: H-8 (0-0.5')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	550		252	825.9		mg/Kg		109	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Gehrig Federal 1

Job ID: 880-51172-1
SDG: Eddy County, New Mexico

GC VOA

Analysis Batch: 95906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51172-1	H-8 (0-0.5')	Total/NA	Solid	8021B	95921
MB 880-95921/5-A	Method Blank	Total/NA	Solid	8021B	95921
LCS 880-95921/1-A	Lab Control Sample	Total/NA	Solid	8021B	95921
LCSD 880-95921/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	95921
880-51121-A-15-D MS	Matrix Spike	Total/NA	Solid	8021B	95921
880-51121-A-15-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	95921

Prep Batch: 95921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51172-1	H-8 (0-0.5')	Total/NA	Solid	5035	
MB 880-95921/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-95921/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-95921/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-51121-A-15-D MS	Matrix Spike	Total/NA	Solid	5035	
880-51121-A-15-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 96115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51172-1	H-8 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 95837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51172-1	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-95837/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-95837/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-95837/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7392-A-112-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7392-A-112-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 96065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51172-1	H-8 (0-0.5')	Total/NA	Solid	8015B NM	95837
MB 880-95837/1-A	Method Blank	Total/NA	Solid	8015B NM	95837
LCS 880-95837/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	95837
LCSD 880-95837/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	95837
890-7392-A-112-B MS	Matrix Spike	Total/NA	Solid	8015B NM	95837
890-7392-A-112-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	95837

Analysis Batch: 96180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51172-1	H-8 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 95998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51172-1	H-8 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-95998/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-95998/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-95998/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gehrig Federal 1

Job ID: 880-51172-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 95998 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51172-1 MS	H-8 (0-0.5')	Soluble	Solid	DI Leach	
880-51172-1 MSD	H-8 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 96024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51172-1	H-8 (0-0.5')	Soluble	Solid	300.0	95998
MB 880-95998/1-A	Method Blank	Soluble	Solid	300.0	95998
LCS 880-95998/2-A	Lab Control Sample	Soluble	Solid	300.0	95998
LCSD 880-95998/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	95998
880-51172-1 MS	H-8 (0-0.5')	Soluble	Solid	300.0	95998
880-51172-1 MSD	H-8 (0-0.5')	Soluble	Solid	300.0	95998

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51172-1
 SDG: Eddy County, New Mexico

Client Sample ID: H-8 (0-0.5')

Lab Sample ID: 880-51172-1

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	95921	11/18/24 12:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95906	11/18/24 20:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96115	11/18/24 20:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			96180	11/19/24 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	95837	11/15/24 14:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96065	11/19/24 22:00	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	95998	11/18/24 12:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96024	11/18/24 22:09	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Gehrig Federal 1

Job ID: 880-51172-1
SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date												
Texas	NELAP	T104704400	06-30-25												
<p>The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.</p> <table border="1"> <thead> <tr> <th>Analysis Method</th> <th>Prep Method</th> <th>Matrix</th> <th>Analyte</th> </tr> </thead> <tbody> <tr> <td>8015 NM</td> <td></td> <td>Solid</td> <td>Total TPH</td> </tr> <tr> <td>Total BTEX</td> <td></td> <td>Solid</td> <td>Total BTEX</td> </tr> </tbody> </table>				Analysis Method	Prep Method	Matrix	Analyte	8015 NM		Solid	Total TPH	Total BTEX		Solid	Total BTEX
Analysis Method	Prep Method	Matrix	Analyte												
8015 NM		Solid	Total TPH												
Total BTEX		Solid	Total BTEX												

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Method Summary

Client: Carmona Resources
Project/Site: Gehrig Federal 1

Job ID: 880-51172-1
SDG: Eddy County, New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



Sample Summary

Client: Carmona Resources
Project/Site: Gehrig Federal 1

Job ID: 880-51172-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-51172-1	H-8 (0-0.5')	Solid	11/15/24 00:00	11/18/24 11:30

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Chain of Custody



880-51172 Chain of Custody

Project Manager: Conner Moehring
Company Name: Carmona Resources
Address: 310 W Wall St Ste 500
 Midland, TX 79701
Phone: 432-813-6823
Bill to: (if different) Carmona Resources
Company Name:
Address:
City, State ZIP:
Email: mcarmona@carmonaresources.com

Work Order Comments
Program: UST/PST PRP Brownfields RRC Superfund
State of Project:
 Reporting: Level II Level III PST/UST RRP Level IV
 Deliverables: EDD ADaPT Other:

SAMPLE RECEIPT			Turn Around			ANALYSIS REQUEST			Preservative Codes		
Received Intact:	Temp Blank:	Thermometer ID:	Yes	No	Wet Ice:	Yes	No	None:	DI Water:	H ₂ O	Sample Comments
	Yes No							None: NO	DI Water: H ₂ O		
Cooler Custody Seals:	Yes No	Correction Factor:						Cool: Cool	MeOH: Me		
Sample Custody Seals:	Yes No	Temperature Reading:						HCL: HC	HNO ₃ : HN		
Total Containers:	Yes No	Corrected Temperature:						H ₂ SO ₄ : H ₂	NaOH: Na		
								H ₃ PO ₄ : HP			
								NaHSO ₄ : NABIS			
								Na ₂ S ₂ O ₃ : NaSO ₃			
								Zn Acetate+NaOH: Zn			
								NaOH+Ascorbic Acid: SAPC			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Pres. Code				
H-8 (0-0.5)	11/15/2024		X		G	1		BTEX 8021B			
								TPH 8015M (GRO + DRO + MRO)			
								Chloride 300.0			

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)
 [Signature]
Date/Time
 11/15/24 @ 11:25
Received by: (Signature)
 [Signature]
Date/Time
 11/18/24 18

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-51172-1
SDG Number: Eddy County, New Mexico

Login Number: 51172

List Number: 1

Creator: Vasquez, Julisa

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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").	N/A	

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
 Carmona Resources
 310 W Wall St
 Ste 500
 Midland, Texas 79701

Generated 11/20/2024 12:45:59 PM

JOB DESCRIPTION

Gehrig Federal 1
 Eddy County, New Mexico

JOB NUMBER

880-51173-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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11/20/2024 12:45:59 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

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Client: Carmona Resources
Project/Site: Gehrig Federal 1

Laboratory Job ID: 880-51173-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

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: Carmona Resources
Project: Gehrig Federal 1

Job ID: 880-51173-1

Job ID: 880-51173-1

Eurofins Midland

Job Narrative 880-51173-1

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 11/18/2024 11:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -3.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: T-1 (0-1') (880-51173-1), T-1 (1.5') (880-51173-2), T-1 (2) (880-51173-3), T-1 (3') (880-51173-4), T-1 (4') (880-51173-5), T-1 (5') (880-51173-6), T-1 (6') (880-51173-7), T-2 (0-1') (880-51173-8), T-2 (1.5') (880-51173-9), T-2 (2) (880-51173-10), T-2 (3') (880-51173-11), T-2 (4') (880-51173-12), T-2 (5') (880-51173-13) and T-2 (6') (880-51173-14).

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 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-95837/2-A) and (LCSD 880-95837/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-95837 and analytical batch 880-96065 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-95837 and analytical batch 880-96065 was outside the control limits.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-95998 and analytical batch 880-96024 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.

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
 SDG: Eddy County, New Mexico

Client Sample ID: T-1 (0-1')

Lab Sample ID: 880-51173-1

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/24 12:25	11/18/24 23:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/24 12:25	11/18/24 23:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/24 12:25	11/18/24 23:37	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/18/24 12:25	11/18/24 23:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/24 12:25	11/18/24 23:37	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/18/24 12:25	11/18/24 23:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	11/18/24 12:25	11/18/24 23:37	1
1,4-Difluorobenzene (Surr)	100		70 - 130	11/18/24 12:25	11/18/24 23:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/18/24 23:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			11/19/24 22:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U*	49.7		mg/Kg		11/15/24 14:39	11/19/24 22:16	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		11/15/24 14:39	11/19/24 22:16	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		11/15/24 14:39	11/19/24 22:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	11/15/24 14:39	11/19/24 22:16	1
o-Terphenyl	76		70 - 130	11/15/24 14:39	11/19/24 22:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2980		50.2		mg/Kg			11/18/24 22:29	5

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-51173-2

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/18/24 12:25	11/18/24 23:58	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/18/24 12:25	11/18/24 23:58	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/18/24 12:25	11/18/24 23:58	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/18/24 12:25	11/18/24 23:58	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/18/24 12:25	11/18/24 23:58	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/18/24 12:25	11/18/24 23:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	11/18/24 12:25	11/18/24 23:58	1
1,4-Difluorobenzene (Surr)	99		70 - 130	11/18/24 12:25	11/18/24 23:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
 SDG: Eddy County, New Mexico

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-51173-2

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/18/24 23:58	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/19/24 22:32	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *	49.8		mg/Kg		11/15/24 14:39	11/19/24 22:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/15/24 14:39	11/19/24 22:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/15/24 14:39	11/19/24 22:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	11/15/24 14:39	11/19/24 22:32	1
o-Terphenyl	75		70 - 130	11/15/24 14:39	11/19/24 22:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.5		mg/Kg			11/18/24 22:35	5

Client Sample ID: T-1 (2)

Lab Sample ID: 880-51173-3

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/18/24 12:25	11/19/24 00:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/18/24 12:25	11/19/24 00:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/18/24 12:25	11/19/24 00:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/18/24 12:25	11/19/24 00:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/18/24 12:25	11/19/24 00:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/18/24 12:25	11/19/24 00:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	11/18/24 12:25	11/19/24 00:18	1
1,4-Difluorobenzene (Surr)	99		70 - 130	11/18/24 12:25	11/19/24 00:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/19/24 00:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			11/19/24 22:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *	49.7		mg/Kg		11/15/24 14:39	11/19/24 22:47	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		11/15/24 14:39	11/19/24 22:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
 SDG: Eddy County, New Mexico

Client Sample ID: T-1 (2)

Lab Sample ID: 880-51173-3

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		11/15/24 14:39	11/19/24 22:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				11/15/24 14:39	11/19/24 22:47	1
o-Terphenyl	74		70 - 130				11/15/24 14:39	11/19/24 22:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3140		50.3		mg/Kg			11/18/24 22:42	5

Client Sample ID: T-1 (3')

Lab Sample ID: 880-51173-4

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/18/24 12:25	11/19/24 00:39	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/18/24 12:25	11/19/24 00:39	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/18/24 12:25	11/19/24 00:39	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		11/18/24 12:25	11/19/24 00:39	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/18/24 12:25	11/19/24 00:39	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/18/24 12:25	11/19/24 00:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				11/18/24 12:25	11/19/24 00:39	1
1,4-Difluorobenzene (Surr)	99		70 - 130				11/18/24 12:25	11/19/24 00:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			11/19/24 00:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/19/24 23:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		11/15/24 14:39	11/19/24 23:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/15/24 14:39	11/19/24 23:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/15/24 14:39	11/19/24 23:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				11/15/24 14:39	11/19/24 23:03	1
o-Terphenyl	76		70 - 130				11/15/24 14:39	11/19/24 23:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			11/18/24 22:49	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
 SDG: Eddy County, New Mexico

Client Sample ID: T-1 (4')

Lab Sample ID: 880-51173-5

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/24 12:25	11/19/24 00:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/24 12:25	11/19/24 00:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/24 12:25	11/19/24 00:59	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/18/24 12:25	11/19/24 00:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/24 12:25	11/19/24 00:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/18/24 12:25	11/19/24 00:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	11/18/24 12:25	11/19/24 00:59	1
1,4-Difluorobenzene (Surr)	100		70 - 130	11/18/24 12:25	11/19/24 00:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/19/24 00:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/19/24 23:19	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U*	49.8		mg/Kg		11/15/24 14:39	11/19/24 23:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/15/24 14:39	11/19/24 23:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/15/24 14:39	11/19/24 23:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	11/15/24 14:39	11/19/24 23:19	1
o-Terphenyl	71		70 - 130	11/15/24 14:39	11/19/24 23:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4310		101		mg/Kg			11/18/24 23:09	10

Client Sample ID: T-1 (5')

Lab Sample ID: 880-51173-6

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/24 12:25	11/19/24 01:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/24 12:25	11/19/24 01:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/24 12:25	11/19/24 01:20	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/18/24 12:25	11/19/24 01:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/24 12:25	11/19/24 01:20	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/18/24 12:25	11/19/24 01:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	11/18/24 12:25	11/19/24 01:20	1
1,4-Difluorobenzene (Surr)	99		70 - 130	11/18/24 12:25	11/19/24 01:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
 SDG: Eddy County, New Mexico

Client Sample ID: T-1 (5')

Lab Sample ID: 880-51173-6

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/19/24 01:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/19/24 23:51	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0		mg/Kg		11/15/24 14:39	11/19/24 23:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/24 14:39	11/19/24 23:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/24 14:39	11/19/24 23:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				11/15/24 14:39	11/19/24 23:51	1
o-Terphenyl	75		70 - 130				11/15/24 14:39	11/19/24 23:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4480		99.6		mg/Kg			11/18/24 23:15	10

Client Sample ID: T-1 (6')

Lab Sample ID: 880-51173-7

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/24 12:25	11/19/24 01:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/24 12:25	11/19/24 01:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/24 12:25	11/19/24 01:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/18/24 12:25	11/19/24 01:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/24 12:25	11/19/24 01:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/18/24 12:25	11/19/24 01:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				11/18/24 12:25	11/19/24 01:40	1
1,4-Difluorobenzene (Surr)	100		70 - 130				11/18/24 12:25	11/19/24 01:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/19/24 01:40	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/20/24 00:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *	49.8		mg/Kg		11/15/24 14:39	11/20/24 00:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/15/24 14:39	11/20/24 00:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
 SDG: Eddy County, New Mexico

Client Sample ID: T-1 (6')

Lab Sample ID: 880-51173-7

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/15/24 14:39	11/20/24 00:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				11/15/24 14:39	11/20/24 00:08	1
o-Terphenyl	77		70 - 130				11/15/24 14:39	11/20/24 00:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3100		99.2		mg/Kg			11/18/24 23:22	10

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-51173-8

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/18/24 12:25	11/19/24 02:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/18/24 12:25	11/19/24 02:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/18/24 12:25	11/19/24 02:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/18/24 12:25	11/19/24 02:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/18/24 12:25	11/19/24 02:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/18/24 12:25	11/19/24 02:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				11/18/24 12:25	11/19/24 02:01	1
1,4-Difluorobenzene (Surr)	103		70 - 130				11/18/24 12:25	11/19/24 02:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/19/24 02:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/20/24 00:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		11/15/24 14:39	11/20/24 00:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/15/24 14:39	11/20/24 00:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/15/24 14:39	11/20/24 00:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				11/15/24 14:39	11/20/24 00:24	1
o-Terphenyl	75		70 - 130				11/15/24 14:39	11/20/24 00:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6780		200		mg/Kg			11/18/24 23:29	20

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
 SDG: Eddy County, New Mexico

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-51173-9

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/24 12:25	11/19/24 02:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/24 12:25	11/19/24 02:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/24 12:25	11/19/24 02:21	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/18/24 12:25	11/19/24 02:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/24 12:25	11/19/24 02:21	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/18/24 12:25	11/19/24 02:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	11/18/24 12:25	11/19/24 02:21	1
1,4-Difluorobenzene (Surr)	97		70 - 130	11/18/24 12:25	11/19/24 02:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/19/24 02:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/20/24 00:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U +	50.0		mg/Kg		11/15/24 14:39	11/20/24 00:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/24 14:39	11/20/24 00:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/24 14:39	11/20/24 00:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	11/15/24 14:39	11/20/24 00:40	1
o-Terphenyl	77		70 - 130	11/15/24 14:39	11/20/24 00:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	418		49.5		mg/Kg			11/18/24 23:35	5

Client Sample ID: T-2 (2)

Lab Sample ID: 880-51173-10

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/18/24 12:25	11/19/24 02:42	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/18/24 12:25	11/19/24 02:42	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/18/24 12:25	11/19/24 02:42	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		11/18/24 12:25	11/19/24 02:42	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/18/24 12:25	11/19/24 02:42	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		11/18/24 12:25	11/19/24 02:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	11/18/24 12:25	11/19/24 02:42	1
1,4-Difluorobenzene (Surr)	101		70 - 130	11/18/24 12:25	11/19/24 02:42	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
 SDG: Eddy County, New Mexico

Client Sample ID: T-2 (2)

Lab Sample ID: 880-51173-10

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			11/19/24 02:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/20/24 00:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	49.9		mg/Kg		11/15/24 14:39	11/20/24 00:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/15/24 14:39	11/20/24 00:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/15/24 14:39	11/20/24 00:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				11/15/24 14:39	11/20/24 00:56	1
o-Terphenyl	70		70 - 130				11/15/24 14:39	11/20/24 00:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	441	F1	9.90		mg/Kg			11/18/24 23:42	1

Client Sample ID: T-2 (3')

Lab Sample ID: 880-51173-11

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00138		mg/Kg		11/18/24 12:25	11/19/24 04:16	1
Toluene	<0.00138	U	0.00138		mg/Kg		11/18/24 12:25	11/19/24 04:16	1
Ethylbenzene	<0.00138	U	0.00138		mg/Kg		11/18/24 12:25	11/19/24 04:16	1
m-Xylene & p-Xylene	<0.00277	U	0.00277		mg/Kg		11/18/24 12:25	11/19/24 04:16	1
o-Xylene	<0.00138	U	0.00138		mg/Kg		11/18/24 12:25	11/19/24 04:16	1
Xylenes, Total	<0.00277	U	0.00277		mg/Kg		11/18/24 12:25	11/19/24 04:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				11/18/24 12:25	11/19/24 04:16	1
1,4-Difluorobenzene (Surr)	100		70 - 130				11/18/24 12:25	11/19/24 04:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00277	U	0.00277		mg/Kg			11/19/24 04:16	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/20/24 01:12	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	49.9		mg/Kg		11/15/24 14:39	11/20/24 01:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/15/24 14:39	11/20/24 01:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
 SDG: Eddy County, New Mexico

Client Sample ID: T-2 (3')

Lab Sample ID: 880-51173-11

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/15/24 14:39	11/20/24 01:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				11/15/24 14:39	11/20/24 01:12	1
o-Terphenyl	72		70 - 130				11/15/24 14:39	11/20/24 01:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1550		50.2		mg/Kg			11/19/24 00:02	5

Client Sample ID: T-2 (4')

Lab Sample ID: 880-51173-12

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00120	U	0.00120		mg/Kg		11/18/24 12:25	11/19/24 04:36	1
Toluene	<0.00120	U	0.00120		mg/Kg		11/18/24 12:25	11/19/24 04:36	1
Ethylbenzene	<0.00120	U	0.00120		mg/Kg		11/18/24 12:25	11/19/24 04:36	1
m-Xylene & p-Xylene	<0.00240	U	0.00240		mg/Kg		11/18/24 12:25	11/19/24 04:36	1
o-Xylene	<0.00120	U	0.00120		mg/Kg		11/18/24 12:25	11/19/24 04:36	1
Xylenes, Total	<0.00240	U	0.00240		mg/Kg		11/18/24 12:25	11/19/24 04:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				11/18/24 12:25	11/19/24 04:36	1
1,4-Difluorobenzene (Surr)	102		70 - 130				11/18/24 12:25	11/19/24 04:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00240	U	0.00240		mg/Kg			11/19/24 04:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			11/20/24 01:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		11/15/24 14:39	11/20/24 01:29	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		11/15/24 14:39	11/20/24 01:29	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		11/15/24 14:39	11/20/24 01:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				11/15/24 14:39	11/20/24 01:29	1
o-Terphenyl	73		70 - 130				11/15/24 14:39	11/20/24 01:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	608		50.1		mg/Kg			11/19/24 00:09	5

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Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
 SDG: Eddy County, New Mexico

Client Sample ID: T-2 (5')

Lab Sample ID: 880-51173-13

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00114	U	0.00114		mg/Kg		11/18/24 12:25	11/19/24 04:57	1
Toluene	<0.00114	U	0.00114		mg/Kg		11/18/24 12:25	11/19/24 04:57	1
Ethylbenzene	<0.00114	U	0.00114		mg/Kg		11/18/24 12:25	11/19/24 04:57	1
m-Xylene & p-Xylene	<0.00228	U	0.00228		mg/Kg		11/18/24 12:25	11/19/24 04:57	1
o-Xylene	<0.00114	U	0.00114		mg/Kg		11/18/24 12:25	11/19/24 04:57	1
Xylenes, Total	<0.00228	U	0.00228		mg/Kg		11/18/24 12:25	11/19/24 04:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	11/18/24 12:25	11/19/24 04:57	1
1,4-Difluorobenzene (Surr)	101		70 - 130	11/18/24 12:25	11/19/24 04:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00228		mg/Kg			11/19/24 04:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/20/24 01:44	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U*	50.0		mg/Kg		11/15/24 14:39	11/20/24 01:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/24 14:39	11/20/24 01:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/24 14:39	11/20/24 01:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	11/15/24 14:39	11/20/24 01:44	1
o-Terphenyl	75		70 - 130	11/15/24 14:39	11/20/24 01:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	367		9.98		mg/Kg			11/19/24 00:29	1

Client Sample ID: T-2 (6')

Lab Sample ID: 880-51173-14

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00143	U	0.00143		mg/Kg		11/18/24 12:25	11/19/24 05:17	1
Toluene	<0.00143	U	0.00143		mg/Kg		11/18/24 12:25	11/19/24 05:17	1
Ethylbenzene	<0.00143	U	0.00143		mg/Kg		11/18/24 12:25	11/19/24 05:17	1
m-Xylene & p-Xylene	<0.00287	U	0.00287		mg/Kg		11/18/24 12:25	11/19/24 05:17	1
o-Xylene	<0.00143	U	0.00143		mg/Kg		11/18/24 12:25	11/19/24 05:17	1
Xylenes, Total	<0.00287	U	0.00287		mg/Kg		11/18/24 12:25	11/19/24 05:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	11/18/24 12:25	11/19/24 05:17	1
1,4-Difluorobenzene (Surr)	99		70 - 130	11/18/24 12:25	11/19/24 05:17	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
 SDG: Eddy County, New Mexico

Client Sample ID: T-2 (6')

Lab Sample ID: 880-51173-14

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00287	U	0.00287		mg/Kg			11/19/24 05:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/20/24 02:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		11/15/24 14:39	11/20/24 02:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/15/24 14:39	11/20/24 02:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/15/24 14:39	11/20/24 02:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				11/15/24 14:39	11/20/24 02:01	1
o-Terphenyl	73		70 - 130				11/15/24 14:39	11/20/24 02:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	264		10.0		mg/Kg			11/19/24 00:35	1

Surrogate Summary

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
 SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-51173-1	T-1 (0-1')	102	100
880-51173-1 MS	T-1 (0-1')	100	102
880-51173-1 MSD	T-1 (0-1')	108	101
880-51173-2	T-1 (1.5')	103	99
880-51173-3	T-1 (2)	95	99
880-51173-4	T-1 (3')	102	99
880-51173-5	T-1 (4')	95	100
880-51173-6	T-1 (5')	97	99
880-51173-7	T-1 (6')	93	100
880-51173-8	T-2 (0-1')	96	103
880-51173-9	T-2 (1.5')	108	97
880-51173-10	T-2 (2)	97	101
880-51173-11	T-2 (3')	101	100
880-51173-12	T-2 (4')	99	102
880-51173-13	T-2 (5')	95	101
880-51173-14	T-2 (6')	101	99
LCS 880-95991/1-A	Lab Control Sample	98	101
LCSD 880-95991/2-A	Lab Control Sample Dup	102	101
MB 880-95849/5-A	Method Blank	97	96
MB 880-95991/5-A	Method Blank	96	93

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-51173-1	T-1 (0-1')	97	76
880-51173-2	T-1 (1.5')	97	75
880-51173-3	T-1 (2)	94	74
880-51173-4	T-1 (3')	97	76
880-51173-5	T-1 (4')	92	71
880-51173-6	T-1 (5')	96	75
880-51173-7	T-1 (6')	96	77
880-51173-8	T-2 (0-1')	95	75
880-51173-9	T-2 (1.5')	96	77
880-51173-10	T-2 (2)	89	70
880-51173-11	T-2 (3')	93	72
880-51173-12	T-2 (4')	90	73
880-51173-13	T-2 (5')	94	75
880-51173-14	T-2 (6')	93	73
890-7392-A-112-B MS	Matrix Spike	94	80
890-7392-A-112-C MSD	Matrix Spike Duplicate	94	79
LCS 880-95837/2-A	Lab Control Sample	134 S1+	118
LCSD 880-95837/3-A	Lab Control Sample Dup	142 S1+	124
MB 880-95837/1-A	Method Blank	80	64 S1-

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Surrogate Summary

Client: Carmona Resources
Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
SDG: Eddy County, New Mexico

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

QC Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
 SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-95849/5-A
 Matrix: Solid
 Analysis Batch: 95905

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 95849

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		11/15/24 16:00	11/18/24 12:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/15/24 16:00	11/18/24 12:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/15/24 16:00	11/18/24 12:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/15/24 16:00	11/18/24 12:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/15/24 16:00	11/18/24 12:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/15/24 16:00	11/18/24 12:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				11/15/24 16:00	11/18/24 12:17	1
1,4-Difluorobenzene (Surr)	96		70 - 130				11/15/24 16:00	11/18/24 12:17	1

Lab Sample ID: MB 880-95991/5-A
 Matrix: Solid
 Analysis Batch: 95905

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 95991

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/24 12:25	11/18/24 23:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/24 12:25	11/18/24 23:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/24 12:25	11/18/24 23:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/18/24 12:25	11/18/24 23:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/24 12:25	11/18/24 23:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/18/24 12:25	11/18/24 23:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				11/18/24 12:25	11/18/24 23:16	1
1,4-Difluorobenzene (Surr)	93		70 - 130				11/18/24 12:25	11/18/24 23:16	1

Lab Sample ID: LCS 880-95991/1-A
 Matrix: Solid
 Analysis Batch: 95905

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 95991

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	0.100	0.1060		mg/Kg		106	70 - 130
Ethylbenzene	0.100	0.1091		mg/Kg		109	70 - 130
m-Xylene & p-Xylene	0.200	0.2060		mg/Kg		103	70 - 130
o-Xylene	0.100	0.1154		mg/Kg		115	70 - 130
Surrogate	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene (Surr)	98		70 - 130				
1,4-Difluorobenzene (Surr)	101		70 - 130				

Lab Sample ID: LCSD 880-95991/2-A
 Matrix: Solid
 Analysis Batch: 95905

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 95991

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Benzene	0.100	0.1081		mg/Kg		108	70 - 130	2	35

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QC Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-95991/2-A
 Matrix: Solid
 Analysis Batch: 95905

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 95991

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Toluene	0.100	0.1067		mg/Kg		107	70 - 130	1	35	
Ethylbenzene	0.100	0.1112		mg/Kg		111	70 - 130	2	35	
m-Xylene & p-Xylene	0.200	0.2139		mg/Kg		107	70 - 130	4	35	
o-Xylene	0.100	0.1208		mg/Kg		121	70 - 130	5	35	

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-51173-1 MS
 Matrix: Solid
 Analysis Batch: 95905

Client Sample ID: T-1 (0-1')
 Prep Type: Total/NA
 Prep Batch: 95991

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	RPD
Benzene	<0.00200	U	0.100	0.1016		mg/Kg		102	70 - 130	
Toluene	<0.00200	U	0.100	0.09666		mg/Kg		97	70 - 130	
Ethylbenzene	<0.00200	U	0.100	0.09769		mg/Kg		98	70 - 130	
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1866		mg/Kg		93	70 - 130	
o-Xylene	<0.00200	U	0.100	0.1031		mg/Kg		103	70 - 130	

Surrogate	MS %Recovery	MS Qualifier	Limits
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-51173-1 MSD
 Matrix: Solid
 Analysis Batch: 95905

Client Sample ID: T-1 (0-1')
 Prep Type: Total/NA
 Prep Batch: 95991

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Benzene	<0.00200	U	0.100	0.1044		mg/Kg		104	70 - 130	3	35	
Toluene	<0.00200	U	0.100	0.09976		mg/Kg		100	70 - 130	3	35	
Ethylbenzene	<0.00200	U	0.100	0.1010		mg/Kg		101	70 - 130	3	35	
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1944		mg/Kg		97	70 - 130	4	35	
o-Xylene	<0.00200	U	0.100	0.1075		mg/Kg		107	70 - 130	4	35	

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	101		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-95837/1-A
 Matrix: Solid
 Analysis Batch: 96065

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 95837

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/15/24 14:39	11/19/24 19:32	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
 SDG: Eddy County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-95837/1-A
Matrix: Solid
Analysis Batch: 96065

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 95837

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/24 14:39	11/19/24 19:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/24 14:39	11/19/24 19:32	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	80		70 - 130	11/15/24 14:39	11/19/24 19:32	1
o-Terphenyl	64	S1-	70 - 130	11/15/24 14:39	11/19/24 19:32	1

Lab Sample ID: LCS 880-95837/2-A
Matrix: Solid
Analysis Batch: 96065

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 95837

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1054		mg/Kg		105	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1-Chlorooctane	134	S1+	70 - 130
o-Terphenyl	118		70 - 130

Lab Sample ID: LCSD 880-95837/3-A
Matrix: Solid
Analysis Batch: 96065

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 95837

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1305	*+	mg/Kg		131	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1095		mg/Kg		109	70 - 130	4	20

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1-Chlorooctane	142	S1+	70 - 130
o-Terphenyl	124		70 - 130

Lab Sample ID: 890-7392-A-112-B MS
Matrix: Solid
Analysis Batch: 96065

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 95837

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *+	997	875.4		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	997	736.0		mg/Kg		74	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1-Chlorooctane	94		70 - 130
o-Terphenyl	80		70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
 SDG: Eddy County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7392-A-112-C MSD
 Matrix: Solid
 Analysis Batch: 96065

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 95837

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	997	883.2		mg/Kg		89	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	738.8		mg/Kg		74	70 - 130	0	20
Surrogate	%Recovery	MSD Qualifier		MSD					Limits		
1-Chlorooctane	94								70 - 130		
o-Terphenyl	79								70 - 130		

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-95998/1-A
 Matrix: Solid
 Analysis Batch: 96024

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			11/18/24 21:49	1

Lab Sample ID: LCS 880-95998/2-A
 Matrix: Solid
 Analysis Batch: 96024

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	246.3		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-95998/3-A
 Matrix: Solid
 Analysis Batch: 96024

Client Sample ID: Lab Control Sample Dup
 Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	248.1		mg/Kg		99	90 - 110	1	20

Lab Sample ID: 880-51173-10 MS
 Matrix: Solid
 Analysis Batch: 96024

Client Sample ID: T-2 (2)
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	441	F1	248	642.1	F1	mg/Kg		81	90 - 110

Lab Sample ID: 880-51173-10 MSD
 Matrix: Solid
 Analysis Batch: 96024

Client Sample ID: T-2 (2)
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	441	F1	248	643.4	F1	mg/Kg		82	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
 SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 95849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-95849/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 95905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51173-1	T-1 (0-1')	Total/NA	Solid	8021B	95991
880-51173-2	T-1 (1.5')	Total/NA	Solid	8021B	95991
880-51173-3	T-1 (2')	Total/NA	Solid	8021B	95991
880-51173-4	T-1 (3')	Total/NA	Solid	8021B	95991
880-51173-5	T-1 (4')	Total/NA	Solid	8021B	95991
880-51173-6	T-1 (5')	Total/NA	Solid	8021B	95991
880-51173-7	T-1 (6')	Total/NA	Solid	8021B	95991
880-51173-8	T-2 (0-1')	Total/NA	Solid	8021B	95991
880-51173-9	T-2 (1.5')	Total/NA	Solid	8021B	95991
880-51173-10	T-2 (2')	Total/NA	Solid	8021B	95991
880-51173-11	T-2 (3')	Total/NA	Solid	8021B	95991
880-51173-12	T-2 (4')	Total/NA	Solid	8021B	95991
880-51173-13	T-2 (5')	Total/NA	Solid	8021B	95991
880-51173-14	T-2 (6')	Total/NA	Solid	8021B	95991
MB 880-95849/5-A	Method Blank	Total/NA	Solid	8021B	95849
MB 880-95991/5-A	Method Blank	Total/NA	Solid	8021B	95991
LCS 880-95991/1-A	Lab Control Sample	Total/NA	Solid	8021B	95991
LCSD 880-95991/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	95991
880-51173-1 MS	T-1 (0-1')	Total/NA	Solid	8021B	95991
880-51173-1 MSD	T-1 (0-1')	Total/NA	Solid	8021B	95991

Prep Batch: 95991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51173-1	T-1 (0-1')	Total/NA	Solid	5035	
880-51173-2	T-1 (1.5')	Total/NA	Solid	5035	
880-51173-3	T-1 (2')	Total/NA	Solid	5035	
880-51173-4	T-1 (3')	Total/NA	Solid	5035	
880-51173-5	T-1 (4')	Total/NA	Solid	5035	
880-51173-6	T-1 (5')	Total/NA	Solid	5035	
880-51173-7	T-1 (6')	Total/NA	Solid	5035	
880-51173-8	T-2 (0-1')	Total/NA	Solid	5035	
880-51173-9	T-2 (1.5')	Total/NA	Solid	5035	
880-51173-10	T-2 (2')	Total/NA	Solid	5035	
880-51173-11	T-2 (3')	Total/NA	Solid	5035	
880-51173-12	T-2 (4')	Total/NA	Solid	5035	
880-51173-13	T-2 (5')	Total/NA	Solid	5035	
880-51173-14	T-2 (6')	Total/NA	Solid	5035	
MB 880-95991/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-95991/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-95991/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-51173-1 MS	T-1 (0-1')	Total/NA	Solid	5035	
880-51173-1 MSD	T-1 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 96100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51173-1	T-1 (0-1')	Total/NA	Solid	Total BTEX	
880-51173-2	T-1 (1.5')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 96100 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51173-3	T-1 (2)	Total/NA	Solid	Total BTEX	
880-51173-4	T-1 (3')	Total/NA	Solid	Total BTEX	
880-51173-5	T-1 (4')	Total/NA	Solid	Total BTEX	
880-51173-6	T-1 (5')	Total/NA	Solid	Total BTEX	
880-51173-7	T-1 (6')	Total/NA	Solid	Total BTEX	
880-51173-8	T-2 (0-1')	Total/NA	Solid	Total BTEX	
880-51173-9	T-2 (1.5')	Total/NA	Solid	Total BTEX	
880-51173-10	T-2 (2)	Total/NA	Solid	Total BTEX	
880-51173-11	T-2 (3')	Total/NA	Solid	Total BTEX	
880-51173-12	T-2 (4')	Total/NA	Solid	Total BTEX	
880-51173-13	T-2 (5')	Total/NA	Solid	Total BTEX	
880-51173-14	T-2 (6')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 95837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51173-1	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-51173-2	T-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-51173-3	T-1 (2)	Total/NA	Solid	8015NM Prep	
880-51173-4	T-1 (3')	Total/NA	Solid	8015NM Prep	
880-51173-5	T-1 (4')	Total/NA	Solid	8015NM Prep	
880-51173-6	T-1 (5')	Total/NA	Solid	8015NM Prep	
880-51173-7	T-1 (6')	Total/NA	Solid	8015NM Prep	
880-51173-8	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-51173-9	T-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-51173-10	T-2 (2)	Total/NA	Solid	8015NM Prep	
880-51173-11	T-2 (3')	Total/NA	Solid	8015NM Prep	
880-51173-12	T-2 (4')	Total/NA	Solid	8015NM Prep	
880-51173-13	T-2 (5')	Total/NA	Solid	8015NM Prep	
880-51173-14	T-2 (6')	Total/NA	Solid	8015NM Prep	
MB 880-95837/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-95837/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCS 880-95837/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7392-A-112-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7392-A-112-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 96065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51173-1	T-1 (0-1')	Total/NA	Solid	8015B NM	95837
880-51173-2	T-1 (1.5')	Total/NA	Solid	8015B NM	95837
880-51173-3	T-1 (2)	Total/NA	Solid	8015B NM	95837
880-51173-4	T-1 (3')	Total/NA	Solid	8015B NM	95837
880-51173-5	T-1 (4')	Total/NA	Solid	8015B NM	95837
880-51173-6	T-1 (5')	Total/NA	Solid	8015B NM	95837
880-51173-7	T-1 (6')	Total/NA	Solid	8015B NM	95837
880-51173-8	T-2 (0-1')	Total/NA	Solid	8015B NM	95837
880-51173-9	T-2 (1.5')	Total/NA	Solid	8015B NM	95837
880-51173-10	T-2 (2)	Total/NA	Solid	8015B NM	95837
880-51173-11	T-2 (3')	Total/NA	Solid	8015B NM	95837
880-51173-12	T-2 (4')	Total/NA	Solid	8015B NM	95837

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 96065 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51173-13	T-2 (5')	Total/NA	Solid	8015B NM	95837
880-51173-14	T-2 (6')	Total/NA	Solid	8015B NM	95837
MB 880-95837/1-A	Method Blank	Total/NA	Solid	8015B NM	95837
LCS 880-95837/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	95837
LCSD 880-95837/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	95837
890-7392-A-112-B MS	Matrix Spike	Total/NA	Solid	8015B NM	95837
890-7392-A-112-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	95837

Analysis Batch: 96181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51173-1	T-1 (0-1')	Total/NA	Solid	8015 NM	
880-51173-2	T-1 (1.5')	Total/NA	Solid	8015 NM	
880-51173-3	T-1 (2')	Total/NA	Solid	8015 NM	
880-51173-4	T-1 (3')	Total/NA	Solid	8015 NM	
880-51173-5	T-1 (4')	Total/NA	Solid	8015 NM	
880-51173-6	T-1 (5')	Total/NA	Solid	8015 NM	
880-51173-7	T-1 (6')	Total/NA	Solid	8015 NM	
880-51173-8	T-2 (0-1')	Total/NA	Solid	8015 NM	
880-51173-9	T-2 (1.5')	Total/NA	Solid	8015 NM	
880-51173-10	T-2 (2')	Total/NA	Solid	8015 NM	
880-51173-11	T-2 (3')	Total/NA	Solid	8015 NM	
880-51173-12	T-2 (4')	Total/NA	Solid	8015 NM	
880-51173-13	T-2 (5')	Total/NA	Solid	8015 NM	
880-51173-14	T-2 (6')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 95998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51173-1	T-1 (0-1')	Soluble	Solid	DI Leach	
880-51173-2	T-1 (1.5')	Soluble	Solid	DI Leach	
880-51173-3	T-1 (2')	Soluble	Solid	DI Leach	
880-51173-4	T-1 (3')	Soluble	Solid	DI Leach	
880-51173-5	T-1 (4')	Soluble	Solid	DI Leach	
880-51173-6	T-1 (5')	Soluble	Solid	DI Leach	
880-51173-7	T-1 (6')	Soluble	Solid	DI Leach	
880-51173-8	T-2 (0-1')	Soluble	Solid	DI Leach	
880-51173-9	T-2 (1.5')	Soluble	Solid	DI Leach	
880-51173-10	T-2 (2')	Soluble	Solid	DI Leach	
880-51173-11	T-2 (3')	Soluble	Solid	DI Leach	
880-51173-12	T-2 (4')	Soluble	Solid	DI Leach	
880-51173-13	T-2 (5')	Soluble	Solid	DI Leach	
880-51173-14	T-2 (6')	Soluble	Solid	DI Leach	
MB 880-95998/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-95998/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-95998/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-51173-10 MS	T-2 (2')	Soluble	Solid	DI Leach	
880-51173-10 MSD	T-2 (2')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
 SDG: Eddy County, New Mexico

HPLC/IC

Analysis Batch: 96024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51173-1	T-1 (0-1')	Soluble	Solid	300.0	95998
880-51173-2	T-1 (1.5')	Soluble	Solid	300.0	95998
880-51173-3	T-1 (2')	Soluble	Solid	300.0	95998
880-51173-4	T-1 (3')	Soluble	Solid	300.0	95998
880-51173-5	T-1 (4')	Soluble	Solid	300.0	95998
880-51173-6	T-1 (5')	Soluble	Solid	300.0	95998
880-51173-7	T-1 (6')	Soluble	Solid	300.0	95998
880-51173-8	T-2 (0-1')	Soluble	Solid	300.0	95998
880-51173-9	T-2 (1.5')	Soluble	Solid	300.0	95998
880-51173-10	T-2 (2')	Soluble	Solid	300.0	95998
880-51173-11	T-2 (3')	Soluble	Solid	300.0	95998
880-51173-12	T-2 (4')	Soluble	Solid	300.0	95998
880-51173-13	T-2 (5')	Soluble	Solid	300.0	95998
880-51173-14	T-2 (6')	Soluble	Solid	300.0	95998
MB 880-95998/1-A	Method Blank	Soluble	Solid	300.0	95998
LCS 880-95998/2-A	Lab Control Sample	Soluble	Solid	300.0	95998
LCSD 880-95998/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	95998
880-51173-10 MS	T-2 (2')	Soluble	Solid	300.0	95998
880-51173-10 MSD	T-2 (2')	Soluble	Solid	300.0	95998

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
 SDG: Eddy County, New Mexico

Client Sample ID: T-1 (0-1')

Lab Sample ID: 880-51173-1

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	95991	11/18/24 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95905	11/18/24 23:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96100	11/18/24 23:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			96181	11/19/24 22:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	95837	11/15/24 14:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96065	11/19/24 22:16	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	95998	11/18/24 12:59	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	96024	11/18/24 22:29	CH	EET MID

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-51173-2

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	95991	11/18/24 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95905	11/18/24 23:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96100	11/18/24 23:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			96181	11/19/24 22:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	95837	11/15/24 14:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96065	11/19/24 22:32	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	95998	11/18/24 12:59	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	96024	11/18/24 22:35	CH	EET MID

Client Sample ID: T-1 (2)

Lab Sample ID: 880-51173-3

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	95991	11/18/24 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95905	11/19/24 00:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96100	11/19/24 00:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			96181	11/19/24 22:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	95837	11/15/24 14:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96065	11/19/24 22:47	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	95998	11/18/24 12:59	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	96024	11/18/24 22:42	CH	EET MID

Client Sample ID: T-1 (3')

Lab Sample ID: 880-51173-4

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	95991	11/18/24 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95905	11/19/24 00:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96100	11/19/24 00:39	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
 SDG: Eddy County, New Mexico

Client Sample ID: T-1 (3')

Lab Sample ID: 880-51173-4

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			96181	11/19/24 23:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	95837	11/15/24 14:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96065	11/19/24 23:03	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	95998	11/18/24 12:59	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	96024	11/18/24 22:49	CH	EET MID

Client Sample ID: T-1 (4')

Lab Sample ID: 880-51173-5

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	95991	11/18/24 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95905	11/19/24 00:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96100	11/19/24 00:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			96181	11/19/24 23:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	95837	11/15/24 14:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96065	11/19/24 23:19	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	95998	11/18/24 12:59	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	96024	11/18/24 23:09	CH	EET MID

Client Sample ID: T-1 (5')

Lab Sample ID: 880-51173-6

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	95991	11/18/24 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95905	11/19/24 01:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96100	11/19/24 01:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			96181	11/19/24 23:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	95837	11/15/24 14:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96065	11/19/24 23:51	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	95998	11/18/24 12:59	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	96024	11/18/24 23:15	CH	EET MID

Client Sample ID: T-1 (6')

Lab Sample ID: 880-51173-7

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	95991	11/18/24 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95905	11/19/24 01:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96100	11/19/24 01:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			96181	11/20/24 00:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	95837	11/15/24 14:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96065	11/20/24 00:08	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
 SDG: Eddy County, New Mexico

Client Sample ID: T-1 (6')

Lab Sample ID: 880-51173-7

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	95998	11/18/24 12:59	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	96024	11/18/24 23:22	CH	EET MID

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-51173-8

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	95991	11/18/24 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95905	11/19/24 02:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96100	11/19/24 02:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			96181	11/20/24 00:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	95837	11/15/24 14:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96065	11/20/24 00:24	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	95998	11/18/24 12:59	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	96024	11/18/24 23:29	CH	EET MID

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-51173-9

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	95991	11/18/24 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95905	11/19/24 02:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96100	11/19/24 02:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			96181	11/20/24 00:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	95837	11/15/24 14:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96065	11/20/24 00:40	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	95998	11/18/24 12:59	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	96024	11/18/24 23:35	CH	EET MID

Client Sample ID: T-2 (2)

Lab Sample ID: 880-51173-10

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	95991	11/18/24 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95905	11/19/24 02:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96100	11/19/24 02:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			96181	11/20/24 00:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	95837	11/15/24 14:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96065	11/20/24 00:56	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	95998	11/18/24 12:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96024	11/18/24 23:42	CH	EET MID

Lab Chronicle

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
 SDG: Eddy County, New Mexico

Client Sample ID: T-2 (3')

Lab Sample ID: 880-51173-11

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.23 g	5 mL	95991	11/18/24 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95905	11/19/24 04:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96100	11/19/24 04:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			96181	11/20/24 01:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	95837	11/15/24 14:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96065	11/20/24 01:12	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	95998	11/18/24 12:59	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	96024	11/19/24 00:02	CH	EET MID

Client Sample ID: T-2 (4')

Lab Sample ID: 880-51173-12

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.33 g	5 mL	95991	11/18/24 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95905	11/19/24 04:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96100	11/19/24 04:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			96181	11/20/24 01:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	95837	11/15/24 14:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96065	11/20/24 01:29	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	95998	11/18/24 12:59	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	96024	11/19/24 00:09	CH	EET MID

Client Sample ID: T-2 (5')

Lab Sample ID: 880-51173-13

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.76 g	5 mL	95991	11/18/24 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95905	11/19/24 04:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96100	11/19/24 04:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			96181	11/20/24 01:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	95837	11/15/24 14:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96065	11/20/24 01:44	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	95998	11/18/24 12:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96024	11/19/24 00:29	CH	EET MID

Client Sample ID: T-2 (6')

Lab Sample ID: 880-51173-14

Date Collected: 11/15/24 00:00

Matrix: Solid

Date Received: 11/18/24 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.97 g	5 mL	95991	11/18/24 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95905	11/19/24 05:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96100	11/19/24 05:17	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
 SDG: Eddy County, New Mexico

Client Sample ID: T-2 (6')
Date Collected: 11/15/24 00:00
Date Received: 11/18/24 11:30

Lab Sample ID: 880-51173-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			96181	11/20/24 02:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	95837	11/15/24 14:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96065	11/20/24 02:01	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	95998	11/18/24 12:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96024	11/19/24 00:35	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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Method Summary

Client: Carmona Resources
Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
SDG: Eddy County, New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



Sample Summary

Client: Carmona Resources
Project/Site: Gehrig Federal 1

Job ID: 880-51173-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-51173-1	T-1 (0-1')	Solid	11/15/24 00:00	11/18/24 11:30
880-51173-2	T-1 (1.5')	Solid	11/15/24 00:00	11/18/24 11:30
880-51173-3	T-1 (2)	Solid	11/15/24 00:00	11/18/24 11:30
880-51173-4	T-1 (3')	Solid	11/15/24 00:00	11/18/24 11:30
880-51173-5	T-1 (4')	Solid	11/15/24 00:00	11/18/24 11:30
880-51173-6	T-1 (5')	Solid	11/15/24 00:00	11/18/24 11:30
880-51173-7	T-1 (6')	Solid	11/15/24 00:00	11/18/24 11:30
880-51173-8	T-2 (0-1')	Solid	11/15/24 00:00	11/18/24 11:30
880-51173-9	T-2 (1.5')	Solid	11/15/24 00:00	11/18/24 11:30
880-51173-10	T-2 (2)	Solid	11/15/24 00:00	11/18/24 11:30
880-51173-11	T-2 (3')	Solid	11/15/24 00:00	11/18/24 11:30
880-51173-12	T-2 (4')	Solid	11/15/24 00:00	11/18/24 11:30
880-51173-13	T-2 (5')	Solid	11/15/24 00:00	11/18/24 11:30
880-51173-14	T-2 (6')	Solid	11/15/24 00:00	11/18/24 11:30

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Chain of Custody

Work Order No: 173

Page 2 of 2

Project Manager: Conner Moehring
 Company Name: Carmona Resources
 Address: 310 W Wall St Ste 500
 City, State ZIP: Midland, TX 79701
 Phone: 432-813-6823
 Email: mcarmona@carmonaresources.com

Bill to: (if different)
 Company Name:
 Address:
 City, State ZIP:
 Email: mcarmona@carmonaresources.com

Work Order Comments
 Program: UST/PST PRP Brownfields RRC Superfund
 State of Project:
 Reporting: Level II Level III PST/UST RRP Level IV
 Deliverables: EDD ADaPT Other:

Project Name: Gehrig Federal 1		Turn Around		Pres. Code	ANALYSIS REQUEST		Preservative Codes	
Project Number:	2534	Due Date:	72 HR					
Project Location:	Eddy County, New Mexico	Temp Blank:	Yes No	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	
Sampler's Name:	JR	Temp Blank:	Yes No					
PO #:		Thermometer ID:		# of Cont				
SAMPLE RECEIPT		Temp Blank:	Yes No	Grab/Comp	Water	Soil	Time	Date
Received Intact:		Yes No	Thermometer ID:					
Cooler Custody Seals:		Yes No N/A	Correction Factor:					
Sample Custody Seals:		Yes No N/A	Temperature Reading:					
Total Containers:		Corrected Temperature:						
Sample Identification	Date	Time	Soil	Water	Grab/Comp			
T-2 (3')	11/15/2024		X		G	X	X	
T-2 (4')	11/15/2024		X		G	X	X	
T-2 (5')	11/15/2024		X		G	X	X	
T-2 (6')	11/15/2024		X		G	X	X	
None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC								
Sample Comments								

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature) *Conner Moehring* Date/Time: 11/18/24 @ 11:25
 Received by: (Signature) *[Signature]* Date/Time: 11/16/25



Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-51173-1
SDG Number: Eddy County, New Mexico

Login Number: 51173

List Number: 1

Creator: Vasquez, Julisa

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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").	N/A	

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

October 08, 2025

LISBETH CHAVIRA

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: GEHRIG FEDERAL #002

Enclosed are the results of analyses for samples received by the laboratory on 09/26/25 16:39.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	09/26/2025	Sampling Date:	09/25/2025
Reported:	10/08/2025	Sampling Type:	Soil
Project Name:	GEHRIG FEDERAL #002	Sampling Condition:	Cool & Intact
Project Number:	212C-MD 03972	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO NM		

Sample ID: T - 3 - 25 (9'-10') (H256074-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2025	ND	1.72	86.2	2.00	9.59	
Toluene*	<0.050	0.050	10/03/2025	ND	1.76	87.9	2.00	8.25	
Ethylbenzene*	<0.050	0.050	10/03/2025	ND	1.73	86.7	2.00	6.94	
Total Xylenes*	<0.150	0.150	10/03/2025	ND	5.04	84.0	6.00	7.12	
Total BTEX	<0.300	0.300	10/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.4 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3560	16.0	10/06/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2025	ND	207	103	200	1.08	
DRO >C10-C28*	<10.0	10.0	10/03/2025	ND	209	104	200	0.721	
EXT DRO >C28-C36	<10.0	10.0	10/03/2025	ND					

Surrogate: 1-Chlorooctane 87.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 90.7 % 39.9-141

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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 2

Company Name: <u>Tetra Tech - Conoco Phillips</u> Project Manager: <u>Lisbeth Charva</u>		BILL TO P.O. #: _____ Company: <u>TetraTech</u> Attn: <u>Lisbeth Charva</u> Address: _____ City: _____ State: _____ Zip: _____ Project # 212C-MD-03972 Project Owner: _____ Project Name: <u>Gehrig Federal #002</u> Project Location: <u>Eddy Co, NM</u> City: _____ State: _____ Zip: _____ Sampler Name: <u>Andrew Garcia</u> Phone #: _____ Fax #: _____	
Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____		P.O. #: _____ Company: <u>TetraTech</u> Attn: <u>Lisbeth Charva</u> Address: _____ City: _____ State: _____ Zip: _____ Project # 212C-MD-03972 Project Owner: _____ Project Name: <u>Gehrig Federal #002</u> Project Location: <u>Eddy Co, NM</u> City: _____ State: _____ Zip: _____ Sampler Name: <u>Andrew Garcia</u> Phone #: _____ Fax #: _____	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER			
HASTON	T-1-25 (6'-7')	(C)	1			X				9/25	1245	TPH
	T-1-25 (7'-8')	(C)	1			X				2025	1300	BTEX
	T-1-25 (9'-10')	(C)	1			X					1315	Chloride
	T-1-25 (10'-11')	(C)	1			X					1330	Hold
	T-1-25 (11'-12')	(C)	1			X					1345	
	T-3-25 (5'-6')	(C)	1			X					1400	
	T-3-25 (6'-7')	(C)	1			X					1415	
	T-3-25 (7'-8')	(C)	1			X					1430	
	T-3-25 (7'-8')	(C)	1			X					1445	
	T-3-25 (7'-8')	(C)	1			X					1500	

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Relinquished By: Andrew Garcia Date: 9/26/25
 Relinquished By: _____ Date: _____
 Received By: Speeding Date: 10/31
 Received By: _____ Date: _____

Delivered By: (Circle One) _____
 Sampler - UPS - Bus - Other: _____
 Observed Temp. °C: -0.9 Sample Condition: Cool Intact
 Corrected Temp. °C: -0.10 Yes No
 CHECKED BY: SR (Initials)

Turnaround Time: _____ Standard RUSH
 Thermometer ID #140 Bacteria (only) Sample Condition: Cool Intact
 Correction Factor +0.3°C Yes No Observed Temp. °C: _____
 Corrected Temp. °C: _____



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 2

Company Name: Tetra Tech - Conoco Phillips
 Project Manager: Lisbeth Chavira
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____
 Project #: 212C-MD-03972 Project Owner: _____
 Project Name: Gehrig Federal #002
 Project Location: Eddy Co, NM
 Sampler Name: Andrew Garcia

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	TPH	BTEX	Chloride	HOLD	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER									
<u>HASU014</u>	<u>T-3-25 (9'-10')</u>	<u>C</u>	<u>1</u>			<u>X</u>				<u>X</u>	<u>9/25</u>	<u>1515</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		<u>Hold removed per on Normal TAT 9-10/3/20</u>

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Relinquished By: Andrew Garcia Date: 9/26/25 Time: 10:39
 Received By: Stockigning Date: _____ Time: _____

Delivered By: (Circle One) Observed Temp. °C: -0.9 Sample Condition: Cool Intact
 Corrected Temp. °C: -0.10 Yes No

Sampler - UPS - Bus - Other: _____

Checked By: SR (Initials)

Turnaround Time: _____ Standard Rush
 Thermometer ID #140 Bacteria (only) Sample Condition: Cool Intact
 Correction Factor +0.3°C Yes No Observed Temp. °C: _____
 Corrected Temp. °C: _____

Verbal Result: Yes No Add'l Phone #: _____
 All Results are emailed. Please provide Email address: Lisbeth.Chavira@tetratech.com
 Andrew.Garcia@tetratech.com

REMARKS:

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinalabnm.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

October 09, 2025

LISBETH CHAVIRA

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: GEHRIG FEDERAL #002

Enclosed are the results of analyses for samples received by the laboratory on 09/26/25 16:39.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Total Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: GEHRIG FEDERAL #002 Project Number: 212C-MD 03972 Project Manager: LISBETH CHAVIRA Fax To: (432) 682-3946	Reported: 09-Oct-25 10:32
---	---	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
T - 2 - 25 (9'-10')	H256074-06	Soil	25-Sep-25 14:00	26-Sep-25 16:39
T - 3 - 25 (9'-10')	H256074-11	Soil	25-Sep-25 15:15	26-Sep-25 16:39

10/09/25 - Client added analysis to sample -06 (see COC). This is the revised report and will replace the one sent on 10/08/25.

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: GEHRIG FEDERAL #002 Project Number: 212C-MD 03972 Project Manager: LISBETH CHAVIRA Fax To: (432) 682-3946	Reported: 09-Oct-25 10:32
---	---	------------------------------

T - 2 - 25 (9'-10')
H256074-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	304		16.0	mg/kg	4	5100815	KH	08-Oct-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5100823	JH	08-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5100823	JH	08-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5100823	JH	08-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5100823	JH	08-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5100823	JH	08-Oct-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.0 %		70.4-141	5100823	JH	08-Oct-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5100827	MS	08-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5100827	MS	08-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5100827	MS	08-Oct-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			83.4 %		52.4-130	5100827	MS	08-Oct-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			78.0 %		39.9-141	5100827	MS	08-Oct-25	8015B	
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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: GEHRIG FEDERAL #002 Project Number: 212C-MD 03972 Project Manager: LISBETH CHAVIRA Fax To: (432) 682-3946	Reported: 09-Oct-25 10:32
---	---	------------------------------

T - 3 - 25 (9'-10')

H256074-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	3560		16.0	mg/kg	4	5100610	HM	06-Oct-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5100328	JH	03-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5100328	JH	03-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5100328	JH	03-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5100328	JH	03-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5100328	JH	03-Oct-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			89.4 %		70.4-141	5100328	JH	03-Oct-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5100324	MS	03-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5100324	MS	03-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5100324	MS	03-Oct-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			87.3 %		52.4-130	5100324	MS	03-Oct-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			90.7 %		39.9-141	5100324	MS	03-Oct-25	8015B	
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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: GEHRIG FEDERAL #002 Project Number: 212C-MD 03972 Project Manager: LISBETH CHAVIRA Fax To: (432) 682-3946	Reported: 09-Oct-25 10:32
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5100610 - 1:4 DI Water										
Blank (5100610-BLK1) Prepared & Analyzed: 06-Oct-25										
Chloride	ND	16.0	mg/kg							
LCS (5100610-BS1) Prepared & Analyzed: 06-Oct-25										
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (5100610-BSD1) Prepared & Analyzed: 06-Oct-25										
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	
Batch 5100815 - 1:4 DI Water										
Blank (5100815-BLK1) Prepared & Analyzed: 08-Oct-25										
Chloride	ND	16.0	mg/kg							
LCS (5100815-BS1) Prepared & Analyzed: 08-Oct-25										
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (5100815-BSD1) Prepared & Analyzed: 08-Oct-25										
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	

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Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: GEHRIG FEDERAL #002
Project Number: 212C-MD 03972
Project Manager: LISBETH CHAVIRA
Fax To: (432) 682-3946

Reported:
09-Oct-25 10:32

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5100328 - Volatiles**Blank (5100328-BLK1)**

Prepared & Analyzed: 03-Oct-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		90.2	70.4-141			

LCS (5100328-BS1)

Prepared & Analyzed: 03-Oct-25

Benzene	1.72	0.050	mg/kg	2.00		86.2	71-111			
Toluene	1.76	0.050	mg/kg	2.00		87.9	75-116			
Ethylbenzene	1.73	0.050	mg/kg	2.00		86.7	74.2-119			
m,p-Xylene	3.35	0.100	mg/kg	4.00		83.7	72.5-123			
o-Xylene	1.69	0.050	mg/kg	2.00		84.5	70.5-124			
Total Xylenes	5.04	0.150	mg/kg	6.00		84.0	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	0.0437		mg/kg	0.0500		87.5	70.4-141			

LCS Dup (5100328-BS1)

Prepared & Analyzed: 03-Oct-25

Benzene	1.90	0.050	mg/kg	2.00		94.9	71-111	9.59	17.6	
Toluene	1.91	0.050	mg/kg	2.00		95.4	75-116	8.25	14.8	
Ethylbenzene	1.86	0.050	mg/kg	2.00		92.9	74.2-119	6.94	14.2	
m,p-Xylene	3.60	0.100	mg/kg	4.00		89.9	72.5-123	7.19	13.6	
o-Xylene	1.81	0.050	mg/kg	2.00		90.7	70.5-124	7.00	13.7	
Total Xylenes	5.41	0.150	mg/kg	6.00		90.2	72.2-123	7.12	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0433		mg/kg	0.0500		86.6	70.4-141			

Batch 5100823 - Volatiles**Blank (5100823-BLK1)**

Prepared & Analyzed: 08-Oct-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: GEHRIG FEDERAL #002
Project Number: 212C-MD 03972
Project Manager: LISBETH CHAVIRA
Fax To: (432) 682-3946

Reported:
09-Oct-25 10:32

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 5100823 - Volatiles**Blank (5100823-BLK1)**

Prepared & Analyzed: 08-Oct-25

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		99.4	70.4-141			

LCS (5100823-BS1)

Prepared & Analyzed: 08-Oct-25

Benzene	2.00	0.050	mg/kg	2.00		100	71-111			
Toluene	1.98	0.050	mg/kg	2.00		99.0	75-116			
Ethylbenzene	2.00	0.050	mg/kg	2.00		99.9	74.2-119			
m,p-Xylene	3.75	0.100	mg/kg	4.00		93.8	72.5-123			
o-Xylene	1.90	0.050	mg/kg	2.00		95.1	70.5-124			
Total Xylenes	5.65	0.150	mg/kg	6.00		94.2	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	0.0486		mg/kg	0.0500		97.2	70.4-141			

LCS Dup (5100823-BSD1)

Prepared & Analyzed: 08-Oct-25

Benzene	1.98	0.050	mg/kg	2.00		98.8	71-111	1.24	17.6	
Toluene	1.97	0.050	mg/kg	2.00		98.3	75-116	0.781	14.8	
Ethylbenzene	1.99	0.050	mg/kg	2.00		99.5	74.2-119	0.410	14.2	
m,p-Xylene	3.74	0.100	mg/kg	4.00		93.4	72.5-123	0.395	13.6	
o-Xylene	1.88	0.050	mg/kg	2.00		94.2	70.5-124	1.01	13.7	
Total Xylenes	5.62	0.150	mg/kg	6.00		93.7	72.2-123	0.602	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0484		mg/kg	0.0500		96.7	70.4-141			

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: GEHRIG FEDERAL #002 Project Number: 212C-MD 03972 Project Manager: LISBETH CHAVIRA Fax To: (432) 682-3946	Reported: 09-Oct-25 10:32
---	---	------------------------------

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5100324 - General Prep - Organics

Blank (5100324-BLK1)		Prepared & Analyzed: 03-Oct-25								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	46.0		mg/kg	50.0		91.9	52.4-130			
Surrogate: 1-Chlorooctadecane	47.6		mg/kg	50.0		95.1	39.9-141			

LCS (5100324-BS1)		Prepared & Analyzed: 03-Oct-25								
GRO C6-C10	207	10.0	mg/kg	200		103	78.7-123			
DRO >C10-C28	209	10.0	mg/kg	200		104	74.8-123			
Total TPH C6-C28	415	10.0	mg/kg	400		104	78.6-121			
Surrogate: 1-Chlorooctane	49.8		mg/kg	50.0		99.5	52.4-130			
Surrogate: 1-Chlorooctadecane	53.1		mg/kg	50.0		106	39.9-141			

LCS Dup (5100324-BSD1)		Prepared & Analyzed: 03-Oct-25								
GRO C6-C10	209	10.0	mg/kg	200		105	78.7-123	1.08	11.3	
DRO >C10-C28	210	10.0	mg/kg	200		105	74.8-123	0.721	10.9	
Total TPH C6-C28	419	10.0	mg/kg	400		105	78.6-121	0.901	10.5	
Surrogate: 1-Chlorooctane	51.0		mg/kg	50.0		102	52.4-130			
Surrogate: 1-Chlorooctadecane	55.1		mg/kg	50.0		110	39.9-141			

Batch 5100827 - General Prep - Organics

Blank (5100827-BLK1)		Prepared & Analyzed: 08-Oct-25								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	44.7		mg/kg	50.0		89.3	52.4-130			
Surrogate: 1-Chlorooctadecane	42.2		mg/kg	50.0		84.5	39.9-141			

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: GEHRIG FEDERAL #002 Project Number: 212C-MD 03972 Project Manager: LISBETH CHAVIRA Fax To: (432) 682-3946	Reported: 09-Oct-25 10:32
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 5100827 - General Prep - Organics

LCS (5100827-BS1)

Prepared & Analyzed: 08-Oct-25

GRO C6-C10	219	10.0	mg/kg	200		110	78.7-123			
DRO >C10-C28	205	10.0	mg/kg	200		102	74.8-123			
Total TPH C6-C28	424	10.0	mg/kg	400		106	78.6-121			
Surrogate: 1-Chlorooctane	51.0		mg/kg	50.0		102	52.4-130			
Surrogate: 1-Chlorooctadecane	46.7		mg/kg	50.0		93.4	39.9-141			

LCS Dup (5100827-BSD1)

Prepared & Analyzed: 08-Oct-25

GRO C6-C10	223	10.0	mg/kg	200		112	78.7-123	1.87	11.3	
DRO >C10-C28	208	10.0	mg/kg	200		104	74.8-123	1.49	10.9	
Total TPH C6-C28	431	10.0	mg/kg	400		108	78.6-121	1.69	10.5	
Surrogate: 1-Chlorooctane	52.7		mg/kg	50.0		105	52.4-130			
Surrogate: 1-Chlorooctadecane	47.3		mg/kg	50.0		94.6	39.9-141			

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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 2

ANALYSIS REQUEST

Company Name: Tetra Tech - Corrado Phillips
 Project Manager: Lisbeth Charvia
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____
 Project #: 212C-MD-03972 Project Owner: _____
 Project Name: Gehrig Federal #002
 Project Location: Eddy Co, NM
 Sampler Name: Andrew Garcia
 P.O. #: _____
 Company: Tetra Tech
 Attn: Lisbeth Charvia
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH	BTEX	Chloride	Hold	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:							
HASUONM	T-1-25 (6'-7')	C	1			X				9/25	1245	X	X	X	X	Hold Removed Standard To 10/8/20 Rush!
	T-1-25 (7'-8')										1300	X	X	X	X	
	T-1-25 (9'-10')										1315	X	X	X	X	
	T-1-25 (10'-11')										1330	X	X	X	X	
	T-1-25 (11'-12')										1345	X	X	X	X	
	T-2-25 (9'-10')										1400	X	X	X	X	
	T-3-25 (3'-4')										1415	X	X	X	X	
	T-3-25 (5'-6')										1430	X	X	X	X	
	T-3-25 (6'-7')										1445	X	X	X	X	
	T-3-25 (7'-8')										1500	X	X	X	X	

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Relinquished By: Andrew Garcia Date: 9/26/25
 Received By: Spotliging Date: 10/31
 Turnaround Time: _____ Standard Rush
 Bacteria (only) Sample Condition Cool Intact Observed Temp. °C _____
 Corrected Temp. °C _____

Delivered By: (Circle One) UPS - Bus - Other: _____
 Observed Temp. °C -0.9 Corrected Temp. °C -0.10
 Sample Condition Cool Intact Yes No
 CHECKED BY: (Initials) SR
 Remarks: Cardinal cannot accept verbal changes. Please email changes to caley.keene@cardinallabsnm.com



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 2

Company Name: Tetra Tech - Carlos Phillips Project Manager: Lisbeth Chavira		BILL TO P.O. #: _____ Company: Tetra Tech Attn: Lisbeth Chavira	
Address: _____ City: _____ State: _____ Zip: _____		Address: _____ City: _____ State: _____ Zip: _____	
Phone #: _____ Fax #: _____ Project #: 212C-MD-03972 Project Owner: _____		City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Project Name: Gehrig Federal #002 Project Location: Eddy Co, NM Sampler Name: Andrew Garcia		City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
FOR LAB USE ONLY			
Lab I.D.: HASL0014 Sample I.D.: T-3-25 (9'-10')	(G)RAB OR (C)OMP: C # CONTAINERS: 1	MATRIX: GROUNDWATER _____ WASTEWATER _____ SOIL X OIL _____ SLUDGE _____ OTHER: _____	PRESERV: _____ ACID/BASE: _____ ICE / COOL X OTHER: _____
		DATE: 9/25 TIME: 1515	SAMPLING: _____
		TPH X BTEX X Chloride X HCL X	ANALYSIS REQUEST
REMARKS: Hold removed run on Normal TAT 10/3/20			
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: Lisbeth.Chavira@tetratech.com Andrew.Garcia@tetratech.com			
Turnaround Time: _____ Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #140 <input type="checkbox"/> Correction Factor +0.3°C <input type="checkbox"/> Bacteria (only) Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Observed Temp. °C _____ Corrected Temp. °C _____			
Relinquished By: Andrew Garcia Date: 9/26/25 Time: 1039		Received By: Speckling Date: _____ Time: _____	
Delivered By: (Circle One) UPS - Bus - Other: _____ Observed Temp. °C: -0.9 Corrected Temp. °C: -0.0		Sample Condition: Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Checked By: SP	

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

October 09, 2025

LISBETH CHAVIRA

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: GEHRIG FEDERAL #002

Enclosed are the results of analyses for samples received by the laboratory on 09/26/25 16:39.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Total Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: GEHRIG FEDERAL #002 Project Number: 212C-MD 03972 Project Manager: LISBETH CHAVIRA Fax To: (432) 682-3946	Reported: 09-Oct-25 14:39
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Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
T - 1 - 25 (6'-7')	H256074-01	Soil	25-Sep-25 12:45	26-Sep-25 16:39

10/09/25 - Client added analysis to sample -06 (see COC). This is the revised report and will replace the one sent on 10/08/25.

10/09/25 - Client added analysis to sample -01 and -05 (see COC). This is the 2nd revision of the report and will replace the one sent earlier today, 10/09/25.

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: GEHRIG FEDERAL #002 Project Number: 212C-MD 03972 Project Manager: LISBETH CHAVIRA Fax To: (432) 682-3946	Reported: 09-Oct-25 14:39
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T - 1 - 25 (6'-7')
H256074-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	288		16.0	mg/kg	4	5100909	AC	09-Oct-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5100804	JH	09-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5100804	JH	09-Oct-25	8021B	GC-NC
Ethylbenzene*	0.317		0.050	mg/kg	50	5100804	JH	09-Oct-25	8021B	GC-NC1
Total Xylenes*	0.545		0.150	mg/kg	50	5100804	JH	09-Oct-25	8021B	GC-NC1
Total BTEX	0.864		0.300	mg/kg	50	5100804	JH	09-Oct-25	8021B	GC-NC1

Surrogate: 4-Bromofluorobenzene (PID)			138 %	70.4-141		5100804	JH	09-Oct-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	47.8		10.0	mg/kg	1	5100810	MS	09-Oct-25	8015B	
DRO >C10-C28*	934		10.0	mg/kg	1	5100810	MS	09-Oct-25	8015B	
EXT DRO >C28-C36	212		10.0	mg/kg	1	5100810	MS	09-Oct-25	8015B	

Surrogate: 1-Chlorooctane			81.8 %	52.4-130		5100810	MS	09-Oct-25	8015B	
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Surrogate: 1-Chlorooctadecane			103 %	39.9-141		5100810	MS	09-Oct-25	8015B	
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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: GEHRIG FEDERAL #002 Project Number: 212C-MD 03972 Project Manager: LISBETH CHAVIRA Fax To: (432) 682-3946	Reported: 09-Oct-25 14:39
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5100909 - 1:4 DI Water										
Blank (5100909-BLK1)										
Prepared & Analyzed: 09-Oct-25										
Chloride	ND	16.0	mg/kg							
LCS (5100909-BS1)										
Prepared & Analyzed: 09-Oct-25										
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (5100909-BSD1)										
Prepared & Analyzed: 09-Oct-25										
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: GEHRIG FEDERAL #002
Project Number: 212C-MD 03972
Project Manager: LISBETH CHAVIRA
Fax To: (432) 682-3946

Reported:
09-Oct-25 14:39

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5100804 - Volatiles**Blank (5100804-BLK1)**

Prepared: 08-Oct-25 Analyzed: 09-Oct-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0501		mg/kg	0.0500		100	70.4-141			

LCS (5100804-BS1)

Prepared: 08-Oct-25 Analyzed: 09-Oct-25

Benzene	2.04	0.050	mg/kg	2.00		102	71-111			
Toluene	2.01	0.050	mg/kg	2.00		101	75-116			
Ethylbenzene	2.03	0.050	mg/kg	2.00		102	74.2-119			
m,p-Xylene	3.84	0.100	mg/kg	4.00		95.9	72.5-123			
o-Xylene	1.95	0.050	mg/kg	2.00		97.3	70.5-124			
Total Xylenes	5.78	0.150	mg/kg	6.00		96.4	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	0.0488		mg/kg	0.0500		97.6	70.4-141			

LCS Dup (5100804-BSD1)

Prepared: 08-Oct-25 Analyzed: 09-Oct-25

Benzene	1.95	0.050	mg/kg	2.00		97.6	71-111	4.30	17.6	
Toluene	1.94	0.050	mg/kg	2.00		97.1	75-116	3.57	14.8	
Ethylbenzene	1.96	0.050	mg/kg	2.00		97.9	74.2-119	3.74	14.2	
m,p-Xylene	3.69	0.100	mg/kg	4.00		92.3	72.5-123	3.85	13.6	
o-Xylene	1.87	0.050	mg/kg	2.00		93.6	70.5-124	3.87	13.7	
Total Xylenes	5.56	0.150	mg/kg	6.00		92.7	72.2-123	3.86	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0486		mg/kg	0.0500		97.1	70.4-141			

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* = Accredited Analyte

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: GEHRIG FEDERAL #002 Project Number: 212C-MD 03972 Project Manager: LISBETH CHAVIRA Fax To: (432) 682-3946	Reported: 09-Oct-25 14:39
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5100810 - General Prep - Organics

Blank (5100810-BLK1) Prepared: 08-Oct-25 Analyzed: 09-Oct-25

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	44.2		mg/kg	50.0		88.3	52.4-130			
Surrogate: 1-Chlorooctadecane	40.4		mg/kg	50.0		80.8	39.9-141			

LCS (5100810-BS1) Prepared: 08-Oct-25 Analyzed: 09-Oct-25

GRO C6-C10	214	10.0	mg/kg	200		107	78.7-123			
DRO >C10-C28	222	10.0	mg/kg	200		111	74.8-123			
Total TPH C6-C28	436	10.0	mg/kg	400		109	78.6-121			
Surrogate: 1-Chlorooctane	47.4		mg/kg	50.0		94.7	52.4-130			
Surrogate: 1-Chlorooctadecane	45.3		mg/kg	50.0		90.7	39.9-141			

LCS Dup (5100810-BSD1) Prepared: 08-Oct-25 Analyzed: 09-Oct-25

GRO C6-C10	211	10.0	mg/kg	200		105	78.7-123	1.59	11.3	
DRO >C10-C28	217	10.0	mg/kg	200		109	74.8-123	2.11	10.9	
Total TPH C6-C28	428	10.0	mg/kg	400		107	78.6-121	1.85	10.5	
Surrogate: 1-Chlorooctane	47.4		mg/kg	50.0		94.9	52.4-130			
Surrogate: 1-Chlorooctadecane	45.1		mg/kg	50.0		90.3	39.9-141			

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Notes and Definitions

- GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celest D. Keene

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

page 2 of 3

Company Name: Tetra Tech - Conoco Phillips Project Manager: Lisbeth Chavira Address: City: State: Zip: Phone #: Fax #: Project #: 212C-MD-03972 Project Owner: Project Name: Othrig Federal #002 Project Location: Eddy Co, NM Sampler Name: Andrew Garcia <small>FOR LAB USE ONLY</small>		BILL TO P.O. #: Company: TetraTech Attn: Lisbeth Chavira Address: City: State: Zip: Phone #: Fax #:	
Lab I.D.: HRSU0714 11	Sample I.D.: T-3-25 (9'-10') C 1	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	MATRIX ACID/BASE: ICE / COOL OTHER:
		DATE: 9/25 TIME: 1515	SAMPLING TPH BTEX Chloride H ₂ O Hold removed run on normal TAT 10/3/20
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Relinquished By: Andrew Garcia Date: 9/26/25 Time: 1039	Received By: Stockvigning Date: Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address: Lisbeth.Chavira@tetratech.com Andrew.Garcia@tetratech.com	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #140 Correction Factor +0.3°C Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Observed Temp. °C Corrected Temp. °C
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C: -0.9 Corrected Temp. °C: -0.0	Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> CHECKED BY: (Initials) SP	REMARKS:

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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October 09, 2025

LISBETH CHAVIRA

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: GEHRIG FEDERAL #002

Enclosed are the results of analyses for samples received by the laboratory on 09/26/25 16:39.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Total Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: GEHRIG FEDERAL #002 Project Number: 212C-MD 03972 Project Manager: LISBETH CHAVIRA Fax To: (432) 682-3946	Reported: 09-Oct-25 14:40
---	---	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
T - 1 - 25 (11'-12')	H256074-05	Soil	25-Sep-25 13:45	26-Sep-25 16:39

10/09/25 - Client added analysis to sample -06 (see COC). This is the revised report and will replace the one sent on 10/08/25.

10/09/25 - Client added analysis to sample -01 and -05 (see COC). This is the 2nd revision of the report and will replace the one sent earlier today, 10/09/25.

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: GEHRIG FEDERAL #002 Project Number: 212C-MD 03972 Project Manager: LISBETH CHAVIRA Fax To: (432) 682-3946	Reported: 09-Oct-25 14:40
---	---	------------------------------

**T - 1 - 25 (11'-12')
H256074-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Inorganic Compounds

Chloride	256		16.0	mg/kg	4	5100909	AC	09-Oct-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5100804	JH	09-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5100804	JH	09-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5100804	JH	09-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5100804	JH	09-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5100804	JH	09-Oct-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			100 %	70.4-141		5100804	JH	09-Oct-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5100810	MS	09-Oct-25	8015B	
DRO >C10-C28*	12.3		10.0	mg/kg	1	5100810	MS	09-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5100810	MS	09-Oct-25	8015B	

Surrogate: 1-Chlorooctane			80.4 %	52.4-130		5100810	MS	09-Oct-25	8015B	
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Surrogate: 1-Chlorooctadecane			75.7 %	39.9-141		5100810	MS	09-Oct-25	8015B	
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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: GEHRIG FEDERAL #002 Project Number: 212C-MD 03972 Project Manager: LISBETH CHAVIRA Fax To: (432) 682-3946	Reported: 09-Oct-25 14:40
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5100909 - 1:4 DI Water										
Blank (5100909-BLK1)										
Prepared & Analyzed: 09-Oct-25										
Chloride	ND	16.0	mg/kg							
LCS (5100909-BS1)										
Prepared & Analyzed: 09-Oct-25										
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (5100909-BSD1)										
Prepared & Analyzed: 09-Oct-25										
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: GEHRIG FEDERAL #002 Project Number: 212C-MD 03972 Project Manager: LISBETH CHAVIRA Fax To: (432) 682-3946	Reported: 09-Oct-25 14:40
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5100804 - Volatiles

Blank (5100804-BLK1)

Prepared: 08-Oct-25 Analyzed: 09-Oct-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0501		mg/kg	0.0500		100	70.4-141			

LCS (5100804-BS1)

Prepared: 08-Oct-25 Analyzed: 09-Oct-25

Benzene	2.04	0.050	mg/kg	2.00		102	71-111			
Toluene	2.01	0.050	mg/kg	2.00		101	75-116			
Ethylbenzene	2.03	0.050	mg/kg	2.00		102	74.2-119			
m,p-Xylene	3.84	0.100	mg/kg	4.00		95.9	72.5-123			
o-Xylene	1.95	0.050	mg/kg	2.00		97.3	70.5-124			
Total Xylenes	5.78	0.150	mg/kg	6.00		96.4	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	0.0488		mg/kg	0.0500		97.6	70.4-141			

LCS Dup (5100804-BSD1)

Prepared: 08-Oct-25 Analyzed: 09-Oct-25

Benzene	1.95	0.050	mg/kg	2.00		97.6	71-111	4.30	17.6	
Toluene	1.94	0.050	mg/kg	2.00		97.1	75-116	3.57	14.8	
Ethylbenzene	1.96	0.050	mg/kg	2.00		97.9	74.2-119	3.74	14.2	
m,p-Xylene	3.69	0.100	mg/kg	4.00		92.3	72.5-123	3.85	13.6	
o-Xylene	1.87	0.050	mg/kg	2.00		93.6	70.5-124	3.87	13.7	
Total Xylenes	5.56	0.150	mg/kg	6.00		92.7	72.2-123	3.86	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0486		mg/kg	0.0500		97.1	70.4-141			

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: GEHRIG FEDERAL #002 Project Number: 212C-MD 03972 Project Manager: LISBETH CHAVIRA Fax To: (432) 682-3946	Reported: 09-Oct-25 14:40
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5100810 - General Prep - Organics

Blank (5100810-BLK1)		Prepared: 08-Oct-25 Analyzed: 09-Oct-25								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	44.2		mg/kg	50.0		88.3	52.4-130			
Surrogate: 1-Chlorooctadecane	40.4		mg/kg	50.0		80.8	39.9-141			

LCS (5100810-BS1)		Prepared: 08-Oct-25 Analyzed: 09-Oct-25								
GRO C6-C10	214	10.0	mg/kg	200		107	78.7-123			
DRO >C10-C28	222	10.0	mg/kg	200		111	74.8-123			
Total TPH C6-C28	436	10.0	mg/kg	400		109	78.6-121			
Surrogate: 1-Chlorooctane	47.4		mg/kg	50.0		94.7	52.4-130			
Surrogate: 1-Chlorooctadecane	45.3		mg/kg	50.0		90.7	39.9-141			

LCS Dup (5100810-BSD1)		Prepared: 08-Oct-25 Analyzed: 09-Oct-25								
GRO C6-C10	211	10.0	mg/kg	200		105	78.7-123	1.59	11.3	
DRO >C10-C28	217	10.0	mg/kg	200		109	74.8-123	2.11	10.9	
Total TPH C6-C28	428	10.0	mg/kg	400		107	78.6-121	1.85	10.5	
Surrogate: 1-Chlorooctane	47.4		mg/kg	50.0		94.9	52.4-130			
Surrogate: 1-Chlorooctadecane	45.1		mg/kg	50.0		90.3	39.9-141			

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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 2

Company Name: Tetra Tech - Conoco Phillips Project Manager: Lisbeth Chavira Address: City: State: Zip: Phone #: Fax #: Project #: 212C-MD-03972 Project Owner: Project Name: Othrig Federal #002 Project Location: Eddy Co, NM Sampler Name: Andrew Garcia <small>FOR LAB USE ONLY</small>		BILL TO P.O. #: Company: Tetra Tech Attn: Lisbeth Chavira Address: City: State: Zip: Phone #: Fax #:									
Lab I.D. HASL00M T-1-25 (6'-7') T-1-25 (7'-8') T-1-25 (9'-10') T-1-25 (10'-11') T-1-25 (11'-12') T-2-25 (9'-10') T-3-25 (3'-4') T-3-25 (5'-6') T-3-25 (6'-7') T-3-25 (7'-8')	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	MATRIX SOIL OIL SLUDGE OTHER:	PRESERV ACID/BASE: ICE / COOL OTHER:	SAMPLING DATE TIME	TPH BTEX Chloride Hold	ANALYSIS REQUEST Hold Removed Standard Rush! 10/8/20 Hold Removed SD Rush! 10/6/20					
							Date: 9/26/25 Time: 11:39 Received By: Speedigning	Date: 9/25 Time: 12:45	X X X X X X X X X	X X X X X X X X X	
							Relinquished By: Andrew Garcia	Received By: Speedigning	REMARKS: Lisbeth Chavira Andrew Garcia@TetraTech.com	Turnaround Time: Standard Rush	Bacteria (only) Sample, Condition Cool Intact Observed Temp. °C Corrected Temp. °C
							Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C: 0.9 Corrected Temp. °C: 0.10	Sample Condition Cool Intact Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	CHECKED BY: (Initials) SPC	Thermometer ID #140 Correction Factor +0.3°C



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

October 02, 2025

LISBETH CHAVIRA

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: GEHRIG FEDERAL #002

Enclosed are the results of analyses for samples received by the laboratory on 09/26/25 16:39.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	09/26/2025	Sampling Date:	09/25/2025
Reported:	10/02/2025	Sampling Type:	Soil
Project Name:	GEHRIG FEDERAL #002	Sampling Condition:	Cool & Intact
Project Number:	212C-MD 03972	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO NM		

Sample ID: AH - 1 (H256075-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2025	ND	1.98	98.9	2.00	3.63	
Toluene*	<0.050	0.050	09/30/2025	ND	1.81	90.7	2.00	3.67	
Ethylbenzene*	<0.050	0.050	09/30/2025	ND	1.87	93.4	2.00	1.42	
Total Xylenes*	<0.150	0.150	09/30/2025	ND	5.76	96.1	6.00	1.67	
Total BTEX	<0.300	0.300	09/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/29/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2025	ND	179	89.6	200	1.41	
DRO >C10-C28*	<10.0	10.0	09/29/2025	ND	182	91.0	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	09/29/2025	ND					

Surrogate: 1-Chlorooctane 86.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	09/26/2025	Sampling Date:	09/25/2025
Reported:	10/02/2025	Sampling Type:	Soil
Project Name:	GEHRIG FEDERAL #002	Sampling Condition:	Cool & Intact
Project Number:	212C-MD 03972	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO NM		

Sample ID: AH - 2 (H256075-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2025	ND	1.98	98.9	2.00	3.63	
Toluene*	<0.050	0.050	09/30/2025	ND	1.81	90.7	2.00	3.67	
Ethylbenzene*	<0.050	0.050	09/30/2025	ND	1.87	93.4	2.00	1.42	
Total Xylenes*	<0.150	0.150	09/30/2025	ND	5.76	96.1	6.00	1.67	
Total BTEX	<0.300	0.300	09/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/29/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2025	ND	179	89.6	200	1.41	
DRO >C10-C28*	<10.0	10.0	09/29/2025	ND	182	91.0	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	09/29/2025	ND					

Surrogate: 1-Chlorooctane 89.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 86.5 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	09/26/2025	Sampling Date:	09/25/2025
Reported:	10/02/2025	Sampling Type:	Soil
Project Name:	GEHRIG FEDERAL #002	Sampling Condition:	Cool & Intact
Project Number:	212C-MD 03972	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO NM		

Sample ID: AH - 3 (H256075-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2025	ND	1.98	98.9	2.00	3.63	
Toluene*	<0.050	0.050	09/30/2025	ND	1.81	90.7	2.00	3.67	
Ethylbenzene*	<0.050	0.050	09/30/2025	ND	1.87	93.4	2.00	1.42	
Total Xylenes*	<0.150	0.150	09/30/2025	ND	5.76	96.1	6.00	1.67	
Total BTEX	<0.300	0.300	09/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/29/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2025	ND	179	89.6	200	1.41	
DRO >C10-C28*	<10.0	10.0	09/29/2025	ND	182	91.0	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	09/29/2025	ND					

Surrogate: 1-Chlorooctane 92.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 91.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	09/26/2025	Sampling Date:	09/25/2025
Reported:	10/02/2025	Sampling Type:	Soil
Project Name:	GEHRIG FEDERAL #002	Sampling Condition:	Cool & Intact
Project Number:	212C-MD 03972	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO NM		

Sample ID: AH - 4 (H256075-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2025	ND	1.98	98.9	2.00	3.63	
Toluene*	<0.050	0.050	09/30/2025	ND	1.81	90.7	2.00	3.67	
Ethylbenzene*	<0.050	0.050	09/30/2025	ND	1.87	93.4	2.00	1.42	
Total Xylenes*	<0.150	0.150	09/30/2025	ND	5.76	96.1	6.00	1.67	
Total BTEX	<0.300	0.300	09/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	09/29/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2025	ND	179	89.6	200	1.41	
DRO >C10-C28*	32.5	10.0	09/29/2025	ND	182	91.0	200	1.85	
EXT DRO >C28-C36	10.5	10.0	09/29/2025	ND					

Surrogate: 1-Chlorooctane 90.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 90.6 % 39.9-141

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

BILL TO

ANALYSIS REQUEST

Company Name: Tetra Tech - Conoco Phillips P.O. #:

Project Manager: Lisbeth Chavira Company: Tetra Tech

Address: _____ Attn: Lisbeth Chavira

City: _____ State: _____ Zip: _____

Phone #: _____ Fax #: _____

Project #: 212C-MD-03972 Project Owner: _____

Project Name: Gehrig Federal #002 City: _____ State: _____ Zip: _____

Project Location: Eddy Co, NM Phone #: _____ Fax #: _____

Sampler Name: Andrew Garcia

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH	BTEX	Chloride
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:					
<u>HAS0015</u>	<u>AH-1</u>	<u>C</u>	<u>1</u>			<u>X</u>			<u>9/25</u>	<u>1145</u>	<u>X</u>	<u>X</u>	<u>X</u>	
	<u>AH-2</u>	<u>C</u>	<u>1</u>			<u>X</u>			<u>9/25</u>	<u>1209</u>	<u>X</u>	<u>X</u>	<u>X</u>	
	<u>AH-3</u>	<u>C</u>	<u>1</u>			<u>X</u>			<u>9/25</u>	<u>1215</u>	<u>X</u>	<u>X</u>	<u>X</u>	
	<u>AH-4</u>	<u>C</u>	<u>1</u>			<u>X</u>			<u>9/25</u>	<u>1230</u>	<u>X</u>	<u>X</u>	<u>X</u>	

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Andrew Garcia Date: 9/26/25 Received By: Spedriquer

Relinquished By: _____ Date: _____ Received By: _____

Time: 1039

Delivered By: (Circle One) Observed Temp. °C: -0.9 Sample Condition: Cool Intact CHECKED BY: SK

Sampler - UPS - Bus - Other: Corrected Temp. °C: -0.0 Yes No Yes No

Turnaround Time: _____ Standard Rush Add'l Phone #: _____

Bacteria (only) Sample Condition: Cool Intact Observed Temp. °C: _____ Yes No Yes No Corrected Temp. °C: _____

Thermometer ID #140 Correction Factor +0.3°C

REMARKS: Lisbeth Chavira Andrew Garcia Tetra Tech

Verbal Result: Yes No Add'l Phone #: _____

All Results are emailed. Please provide Email address: _____

FORM 0007 Rev 02/17/22

† Cardinal cannot accept verbal changes. Please email changes to caley.keene@cardinallabsnm.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

October 02, 2025

LISBETH CHAVIRA

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: GEHRIG FEDERAL #002

Enclosed are the results of analyses for samples received by the laboratory on 09/26/25 16:39.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	09/26/2025	Sampling Date:	09/25/2025
Reported:	10/02/2025	Sampling Type:	Soil
Project Name:	GEHRIG FEDERAL #002	Sampling Condition:	Cool & Intact
Project Number:	212C-MD 03972	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO NM		

Sample ID: T - 1 - 25 (0-1') (H256076-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.100	0.100	09/30/2025	ND	1.98	98.9	2.00	3.63	GC-NC	
Toluene*	10.9	0.100	09/30/2025	ND	1.81	90.7	2.00	3.67	GC-NC1	
Ethylbenzene*	4.78	0.100	09/30/2025	ND	1.87	93.4	2.00	1.42		
Total Xylenes*	17.0	0.300	09/30/2025	ND	5.76	96.1	6.00	1.67		
Total BTEX	32.7	0.600	09/30/2025	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 133 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	09/29/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	2990	100	09/29/2025	ND	179	89.6	200	1.41			
DRO >C10-C28*	13100	100	09/29/2025	ND	182	91.0	200	1.85			
EXT DRO >C28-C36	2240	100	09/29/2025	ND							

Surrogate: 1-Chlorooctane 237 % 52.4-130

Surrogate: 1-Chlorooctadecane 267 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	09/26/2025	Sampling Date:	09/25/2025
Reported:	10/02/2025	Sampling Type:	Soil
Project Name:	GEHRIG FEDERAL #002	Sampling Condition:	Cool & Intact
Project Number:	212C-MD 03972	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO NM		

Sample ID: T - 1 - 25 (2'-3') (H256076-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2025	ND	1.98	98.9	2.00	3.63	
Toluene*	<0.050	0.050	09/30/2025	ND	1.81	90.7	2.00	3.67	
Ethylbenzene*	<0.050	0.050	09/30/2025	ND	1.87	93.4	2.00	1.42	
Total Xylenes*	<0.150	0.150	09/30/2025	ND	5.76	96.1	6.00	1.67	
Total BTEX	<0.300	0.300	09/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	09/29/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2025	ND	179	89.6	200	1.41	
DRO >C10-C28*	<10.0	10.0	09/29/2025	ND	182	91.0	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	09/29/2025	ND					

Surrogate: 1-Chlorooctane 94.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 91.6 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	09/26/2025	Sampling Date:	09/25/2025
Reported:	10/02/2025	Sampling Type:	Soil
Project Name:	GEHRIG FEDERAL #002	Sampling Condition:	Cool & Intact
Project Number:	212C-MD 03972	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO NM		

Sample ID: T - 1 - 25 (3'-4') (H256076-03)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2025	ND	1.98	98.9	2.00	3.63	GC-NC	
Toluene*	5.78	0.050	09/30/2025	ND	1.81	90.7	2.00	3.67	GC-NC1	
Ethylbenzene*	2.48	0.050	09/30/2025	ND	1.87	93.4	2.00	1.42		
Total Xylenes*	9.55	0.150	09/30/2025	ND	5.76	96.1	6.00	1.67		
Total BTEX	17.8	0.300	09/30/2025	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 157 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	09/29/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	2280	100	09/29/2025	ND	179	89.6	200	1.41		
DRO >C10-C28*	11700	100	09/29/2025	ND	182	91.0	200	1.85		
EXT DRO >C28-C36	1950	100	09/29/2025	ND						

Surrogate: 1-Chlorooctane 246 % 52.4-130

Surrogate: 1-Chlorooctadecane 238 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	09/26/2025	Sampling Date:	09/25/2025
Reported:	10/02/2025	Sampling Type:	Soil
Project Name:	GEHRIG FEDERAL #002	Sampling Condition:	Cool & Intact
Project Number:	212C-MD 03972	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO NM		

Sample ID: T - 1 - 25 (5'-6') (H256076-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2025	ND	1.98	98.9	2.00	3.63	
Toluene*	<0.050	0.050	09/30/2025	ND	1.81	90.7	2.00	3.67	
Ethylbenzene*	<0.050	0.050	09/30/2025	ND	1.87	93.4	2.00	1.42	
Total Xylenes*	<0.150	0.150	09/30/2025	ND	5.76	96.1	6.00	1.67	
Total BTEX	<0.300	0.300	09/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	09/29/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2025	ND	179	89.6	200	1.41	
DRO >C10-C28*	<10.0	10.0	09/29/2025	ND	182	91.0	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	09/29/2025	ND					

Surrogate: 1-Chlorooctane 91.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 91.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	09/26/2025	Sampling Date:	09/25/2025
Reported:	10/02/2025	Sampling Type:	Soil
Project Name:	GEHRIG FEDERAL #002	Sampling Condition:	Cool & Intact
Project Number:	212C-MD 03972	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO NM		

Sample ID: T - 2 - 25 (0-1') (H256076-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2025	ND	1.98	98.9	2.00	3.63	
Toluene*	<0.050	0.050	09/30/2025	ND	1.81	90.7	2.00	3.67	
Ethylbenzene*	<0.050	0.050	09/30/2025	ND	1.87	93.4	2.00	1.42	
Total Xylenes*	<0.150	0.150	09/30/2025	ND	5.76	96.1	6.00	1.67	
Total BTEX	<0.300	0.300	09/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1620	16.0	09/29/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2025	ND	179	89.6	200	1.41	
DRO >C10-C28*	<10.0	10.0	09/29/2025	ND	182	91.0	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	09/29/2025	ND					

Surrogate: 1-Chlorooctane 92.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 88.3 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	09/26/2025	Sampling Date:	09/25/2025
Reported:	10/02/2025	Sampling Type:	Soil
Project Name:	GEHRIG FEDERAL #002	Sampling Condition:	Cool & Intact
Project Number:	212C-MD 03972	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO NM		

Sample ID: T - 2 - 25 (2'-3') (H256076-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2025	ND	1.98	98.9	2.00	3.63	
Toluene*	<0.050	0.050	09/30/2025	ND	1.81	90.7	2.00	3.67	
Ethylbenzene*	<0.050	0.050	09/30/2025	ND	1.87	93.4	2.00	1.42	
Total Xylenes*	<0.150	0.150	09/30/2025	ND	5.76	96.1	6.00	1.67	
Total BTEX	<0.300	0.300	09/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1540	16.0	09/29/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2025	ND	179	89.6	200	1.41	
DRO >C10-C28*	<10.0	10.0	09/29/2025	ND	182	91.0	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	09/29/2025	ND					

Surrogate: 1-Chlorooctane 79.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	09/26/2025	Sampling Date:	09/25/2025
Reported:	10/02/2025	Sampling Type:	Soil
Project Name:	GEHRIG FEDERAL #002	Sampling Condition:	Cool & Intact
Project Number:	212C-MD 03972	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO NM		

Sample ID: T - 2 - 25 (3'-4') (H256076-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2025	ND	1.98	98.9	2.00	3.63	
Toluene*	<0.050	0.050	09/30/2025	ND	1.81	90.7	2.00	3.67	
Ethylbenzene*	<0.050	0.050	09/30/2025	ND	1.87	93.4	2.00	1.42	
Total Xylenes*	<0.150	0.150	09/30/2025	ND	5.76	96.1	6.00	1.67	
Total BTEX	<0.300	0.300	09/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	09/29/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2025	ND	179	89.6	200	1.41	
DRO >C10-C28*	<10.0	10.0	09/29/2025	ND	182	91.0	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	09/29/2025	ND					

Surrogate: 1-Chlorooctane 93.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 91.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	09/26/2025	Sampling Date:	09/25/2025
Reported:	10/02/2025	Sampling Type:	Soil
Project Name:	GEHRIG FEDERAL #002	Sampling Condition:	Cool & Intact
Project Number:	212C-MD 03972	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO NM		

Sample ID: T - 2 - 25 (5'-6') (H256076-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2025	ND	1.98	98.9	2.00	3.63	
Toluene*	<0.050	0.050	09/30/2025	ND	1.81	90.7	2.00	3.67	
Ethylbenzene*	<0.050	0.050	09/30/2025	ND	1.87	93.4	2.00	1.42	
Total Xylenes*	<0.150	0.150	09/30/2025	ND	5.76	96.1	6.00	1.67	
Total BTEX	<0.300	0.300	09/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1660	16.0	09/29/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2025	ND	179	89.6	200	1.41	
DRO >C10-C28*	<10.0	10.0	09/29/2025	ND	182	91.0	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	09/29/2025	ND					

Surrogate: 1-Chlorooctane 83.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.1 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	09/26/2025	Sampling Date:	09/25/2025
Reported:	10/02/2025	Sampling Type:	Soil
Project Name:	GEHRIG FEDERAL #002	Sampling Condition:	Cool & Intact
Project Number:	212C-MD 03972	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO NM		

Sample ID: T - 2 - 25 (6'-7') (H256076-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2025	ND	1.98	98.9	2.00	3.63	
Toluene*	<0.050	0.050	09/30/2025	ND	1.81	90.7	2.00	3.67	
Ethylbenzene*	<0.050	0.050	09/30/2025	ND	1.87	93.4	2.00	1.42	
Total Xylenes*	<0.150	0.150	09/30/2025	ND	5.76	96.1	6.00	1.67	
Total BTEX	<0.300	0.300	09/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1180	16.0	09/29/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2025	ND	179	89.6	200	1.41	
DRO >C10-C28*	<10.0	10.0	09/29/2025	ND	182	91.0	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	09/29/2025	ND					

Surrogate: 1-Chlorooctane 95.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 94.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	09/26/2025	Sampling Date:	09/25/2025
Reported:	10/02/2025	Sampling Type:	Soil
Project Name:	GEHRIG FEDERAL #002	Sampling Condition:	Cool & Intact
Project Number:	212C-MD 03972	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO NM		

Sample ID: T - 2 - 25 (7'-8') (H256076-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2025	ND	1.98	98.9	2.00	3.63	
Toluene*	<0.050	0.050	09/30/2025	ND	1.81	90.7	2.00	3.67	
Ethylbenzene*	<0.050	0.050	09/30/2025	ND	1.87	93.4	2.00	1.42	
Total Xylenes*	<0.150	0.150	09/30/2025	ND	5.76	96.1	6.00	1.67	
Total BTEX	<0.300	0.300	09/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	09/29/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2025	ND	179	89.6	200	1.41	
DRO >C10-C28*	<10.0	10.0	09/29/2025	ND	182	91.0	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	09/29/2025	ND					

Surrogate: 1-Chlorooctane 83.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 81.8 % 39.9-141

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Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	09/26/2025	Sampling Date:	09/25/2025
Reported:	10/02/2025	Sampling Type:	Soil
Project Name:	GEHRIG FEDERAL #002	Sampling Condition:	Cool & Intact
Project Number:	212C-MD 03972	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO NM		

Sample ID: T - 3 - 25 (0-1') (H256076-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2025	ND	1.78	89.0	2.00	15.7	
Toluene*	<0.050	0.050	09/30/2025	ND	1.80	90.2	2.00	8.82	
Ethylbenzene*	<0.050	0.050	09/30/2025	ND	1.81	90.3	2.00	5.74	
Total Xylenes*	<0.150	0.150	09/30/2025	ND	5.59	93.2	6.00	4.75	
Total BTEX	<0.300	0.300	09/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/29/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2025	ND	179	89.6	200	1.41	
DRO >C10-C28*	21.4	10.0	09/29/2025	ND	182	91.0	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	09/29/2025	ND					

Surrogate: 1-Chlorooctane 85.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.6 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	09/26/2025	Sampling Date:	09/25/2025
Reported:	10/02/2025	Sampling Type:	Soil
Project Name:	GEHRIG FEDERAL #002	Sampling Condition:	Cool & Intact
Project Number:	212C-MD 03972	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO NM		

Sample ID: T - 3 - 25 (2'-3') (H256076-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2025	ND	1.78	89.0	2.00	15.7	
Toluene*	<0.050	0.050	09/30/2025	ND	1.80	90.2	2.00	8.82	
Ethylbenzene*	<0.050	0.050	09/30/2025	ND	1.81	90.3	2.00	5.74	
Total Xylenes*	<0.150	0.150	09/30/2025	ND	5.59	93.2	6.00	4.75	
Total BTEX	<0.300	0.300	09/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	09/29/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2025	ND	179	89.6	200	1.41	
DRO >C10-C28*	<10.0	10.0	09/29/2025	ND	182	91.0	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	09/29/2025	ND					

Surrogate: 1-Chlorooctane 97.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 95.2 % 39.9-141

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

page 1 of 2

BILL TO

ANALYSIS REQUEST

Company Name: <u>UltraTech - Corrado Phillips</u> Project Manager: <u>Lisbeth Chavira</u> Address: City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: <u>212C-MD-03972</u> Project Owner: Project Name: <u>Gehrig Federal #002</u> Project Location: <u>Eddy Co, NM</u> Sampler Name: <u>Andrew Garcia</u> FOR LAB USE ONLY		P.O. #: Company: <u>UltraTech</u> Attn: <u>Lisbeth Chavira</u> Address: City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Lab I.D. <u>HS00716</u> Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	
T-1-25 (10-1') T-1-25 (2'-3') T-1-25 (3'-4') T-1-25 (5'-6') T-2-25 (10-1') T-2-25 (2'-3') T-2-25 (3'-4') T-2-25 (5'-6') T-2-25 (6-7') T-2-25 (7'-8')		ACID/BASE: ICE / COOL OTHER:	
DATE 9/25 2025		DATE 9/25 2025	
TIME 0806 0815 0830 0845 0900 0915 0930 0945 1000 1015		TIME 0806 0815 0830 0845 0900 0915 0930 0945 1000 1015	
TPH BTEX Chloride		X X X	

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Relinquished By: Andrew Garcia
 Date: 9/26/25
 Time: 10:39
 Received By: Spedding
 Date: _____
 Time: _____

Delivered By: (Circle One) Standard Rush
 Observed Temp. °C: -0.9
 Corrected Temp. °C: 0.10
 Sample Condition: Cool Intact Yes No
 Checked By: SPC
 Turnaround Time: _____
 Thermometer ID #140
 Correction Factor +0.3°C
 Bacteria (only) Sample Condition Observed Temp. °C
 Cool Intact Yes No
 Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinalabnm.com



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 2

Company Name: ITCra Tech - Conoco Phillips Project Manager: Lisbeth Chavira Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: 212C-MD-03972 Project Owner: _____ Project Name: Gthrig Federal #002 Project Location: Eddy Co, NM Sampler Name: Andrew Garcia FOR LAB USE ONLY		BILL TO P.O. #: _____ Company: ITCra Tech Attn: Lisbeth Chavira Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Lab I.D. _____ Sample I.D. _____ 11 T-3-25 (0-1') 12 T-3-25 (2-3')		(G)RAB OR (C)OMP. _____ # CONTAINERS _____ GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL _____ OTHER: _____ DATE: 9/25 TIME: 1030	
Relinquished By: Andrew Garcia Date: 9/26/25 Time: 1039		Received By: Spedriquet Date: _____ Time: _____	
Delivered By: (Circle One) UPS - Bus - Other: _____ Observed Temp. °C: -0.9 Corrected Temp. °C: -0.10		Sample Condition Cool Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked By: SC Initials: _____	
Turnaround Time: _____ Standard Rush: <input type="checkbox"/> <input checked="" type="checkbox"/> Add'l Phone #: _____ Bacteria (only) Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C: _____		REMARKS: Lisbeth Chavira Andrew Garcia@ITCraTech.com Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No All Results are emailed. Please provide Email address: _____	



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

February 17, 2026

LISBETH CHAVIRA

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: GEHRIG FEDERAL #002

Enclosed are the results of analyses for samples received by the laboratory on 02/11/26 13:04.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	02/11/2026	Sampling Date:	02/10/2026
Reported:	02/17/2026	Sampling Type:	Soil
Project Name:	GEHRIG FEDERAL #002	Sampling Condition:	Cool & Intact
Project Number:	212C-MD 03972	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 1 (7'-8') (H260809-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2026	ND	2.06	103	2.00	0.911	
Toluene*	<0.050	0.050	02/12/2026	ND	2.23	111	2.00	9.45	
Ethylbenzene*	<0.050	0.050	02/12/2026	ND	2.40	120	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/12/2026	ND	7.22	120	6.00	11.1	
Total BTEX	<0.300	0.300	02/12/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11800	16.0	02/12/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	212	106	200	0.676	
DRO >C10-C28*	<10.0	10.0	02/12/2026	ND	193	96.7	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND					

Surrogate: 1-Chlorooctane 87.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 85.8 % 39.9-141

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	02/11/2026	Sampling Date:	02/10/2026
Reported:	02/17/2026	Sampling Type:	Soil
Project Name:	GEHRIG FEDERAL #002	Sampling Condition:	Cool & Intact
Project Number:	212C-MD 03972	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 1 (9'-10') (H260809-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2026	ND	2.06	103	2.00	0.911	
Toluene*	<0.050	0.050	02/12/2026	ND	2.23	111	2.00	9.45	
Ethylbenzene*	<0.050	0.050	02/12/2026	ND	2.40	120	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/12/2026	ND	7.22	120	6.00	11.1	
Total BTEX	<0.300	0.300	02/12/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11200	16.0	02/12/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	212	106	200	0.676	
DRO >C10-C28*	<10.0	10.0	02/12/2026	ND	193	96.7	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND					

Surrogate: 1-Chlorooctane 85.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 83.1 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Pg 1 of 1

BILL TO

ANALYSIS REQUEST

Company Name: Retro Tech - Conoco Phillips P.O. #:

Project Manager: Lisbeth Chavira Company: Retro Tech

Address: _____ Attn: Lisbeth Chavira

City: _____ State: _____ Zip: _____ Address: _____

Phone #: _____ Fax #: _____ City: _____

Project #: 212C-MD-03972 Project Owner: _____ State: _____ Zip: _____

Project Name: Gehrig Federal #602 Phone #: _____

Project Location: Eddy Co, NM Fax #: _____

Sampler Name: Andrew Garcia

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.	SAMPLING DATE	TIME	ANALYSIS REQUEST					
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:				ICE / COOL	OTHER :	TPH	BTEX	Chloride	
<u>HA0808</u>	<u>BH-1 (7'-8')</u>		<u>1</u>			<u>X</u>						<u>2/10</u>	<u>2:21</u>	<u>X</u>	<u>X</u>	<u>X</u>			
	<u>BH-1 (9'-10')</u>		<u>1</u>			<u>X</u>						<u>2/10</u>	<u>2:10</u>	<u>X</u>	<u>X</u>	<u>X</u>			

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Relinquished By: Andrew Garcia Date: 2/11/26 Received By: Oppavara

Time: 1:50p

Delivered By: (Circle One) Observed Temp.: 5.5 Sample Condition Cool Intact Bacteria (only) Sample Condition Cool Intact Observed Temp.: 5.4 Corrected Temp.: 5.4 Standard Rush Add'l Phone #: _____

Sampler - UPS - Bus - Other: _____ Turnaround Time: _____

Thermometer ID #140 Bacteria (only) Sample Condition Cool Intact Observed Temp.: _____ Corrected Temp.: _____

REMARKS: Lisbeth Chavira Andrew Garcia

Verbal Result: Yes No Add'l Phone #: _____

All Results are emailed. Please provide Email address: _____

FORM-006 R.3.7 01/06/26

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Cardinal Laboratories



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

February 17, 2026

LISBETH CHAVIRA

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: GEHRIG FEDERAL #002

Enclosed are the results of analyses for samples received by the laboratory on 02/11/26 13:04.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	02/11/2026	Sampling Date:	02/10/2026
Reported:	02/17/2026	Sampling Type:	Soil
Project Name:	GEHRIG FEDERAL #002	Sampling Condition:	Cool & Intact
Project Number:	212C-MD 03972	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 1 (14'-15') (H260810-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2026	ND	2.06	103	2.00	0.911	
Toluene*	<0.050	0.050	02/12/2026	ND	2.23	111	2.00	9.45	
Ethylbenzene*	<0.050	0.050	02/12/2026	ND	2.40	120	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/12/2026	ND	7.22	120	6.00	11.1	
Total BTEX	<0.300	0.300	02/12/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2190	16.0	02/12/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	212	106	200	0.676	
DRO >C10-C28*	<10.0	10.0	02/12/2026	ND	193	96.7	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND					

Surrogate: 1-Chlorooctane 81.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 80.7 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



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February 17, 2026

LISBETH CHAVIRA

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: GEHRIG FEDERAL #002

Enclosed are the results of analyses for samples received by the laboratory on 02/11/26 13:04.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	02/11/2026	Sampling Date:	02/10/2026
Reported:	02/17/2026	Sampling Type:	Soil
Project Name:	GEHRIG FEDERAL #002	Sampling Condition:	Cool & Intact
Project Number:	212C-MD 03972	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 1 (19'-20') (H260811-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2026	ND	2.06	103	2.00	0.911		
Toluene*	<0.050	0.050	02/12/2026	ND	2.23	111	2.00	9.45		
Ethylbenzene*	<0.050	0.050	02/12/2026	ND	2.40	120	2.00	10.5		
Total Xylenes*	<0.150	0.150	02/12/2026	ND	7.22	120	6.00	11.1		
Total BTEX	<0.300	0.300	02/12/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	02/12/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	212	106	200	0.676		
DRO >C10-C28*	<10.0	10.0	02/12/2026	ND	193	96.7	200	1.16		
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND						

Surrogate: 1-Chlorooctane 74.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 72.4 % 39.9-141

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Notes and Definitions

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ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

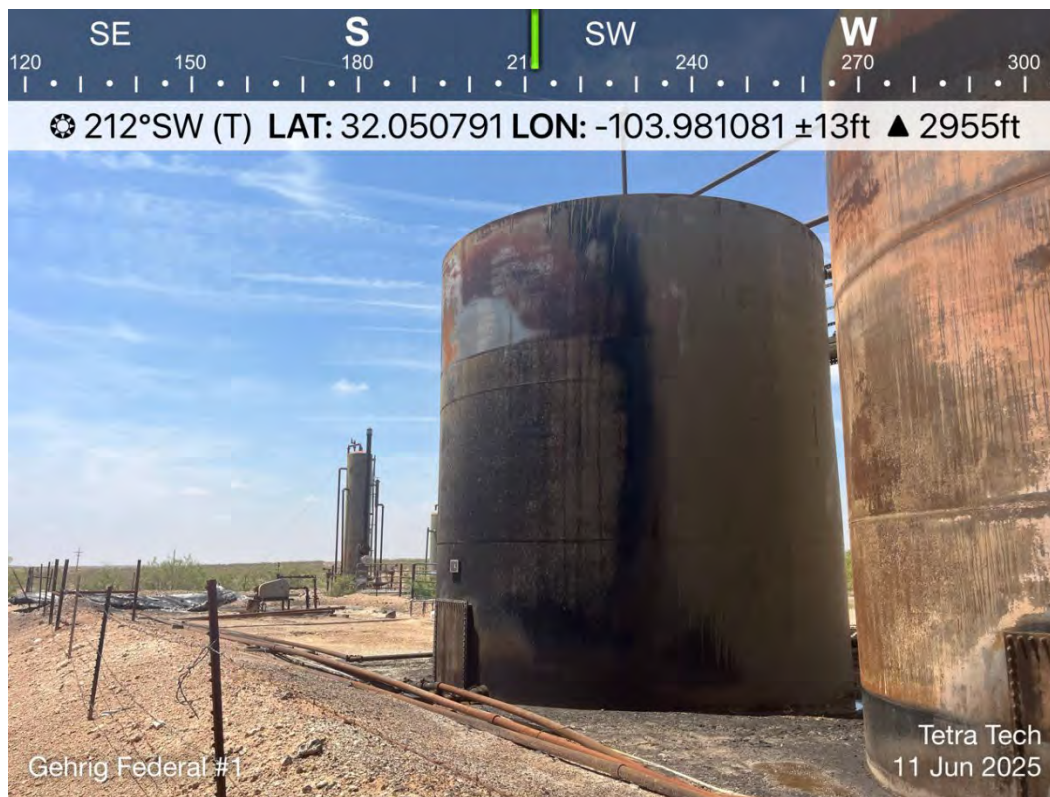
Celey D. Keene, Lab Director/Quality Manager

APPENDIX E

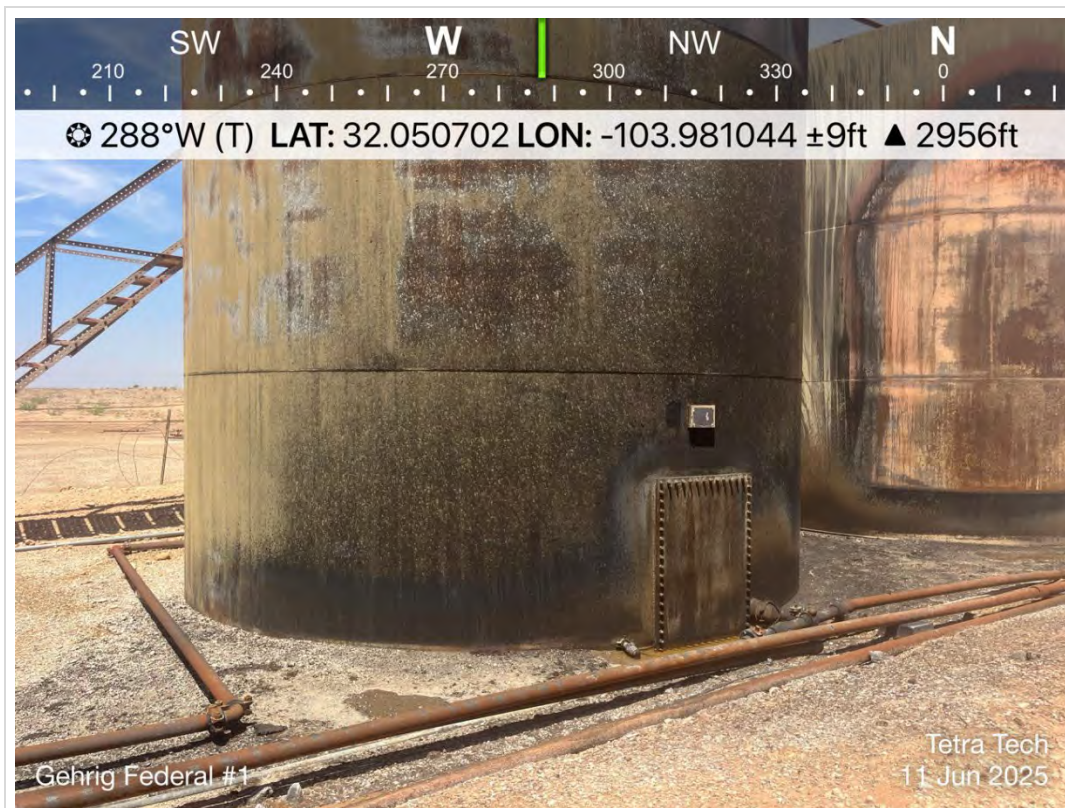
Photographic Documentation



TETRA TECH, INC. PROJECT NO. 212C-MD-03972	DESCRIPTION	View southwest. View of site signage.	1
	SITE NAME	Gehrig Federal Release	06/11/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03972	DESCRIPTION	View southwest. View of the approximate release extent.	2
	SITE NAME	Gehrig Federal Release	06/11/2025



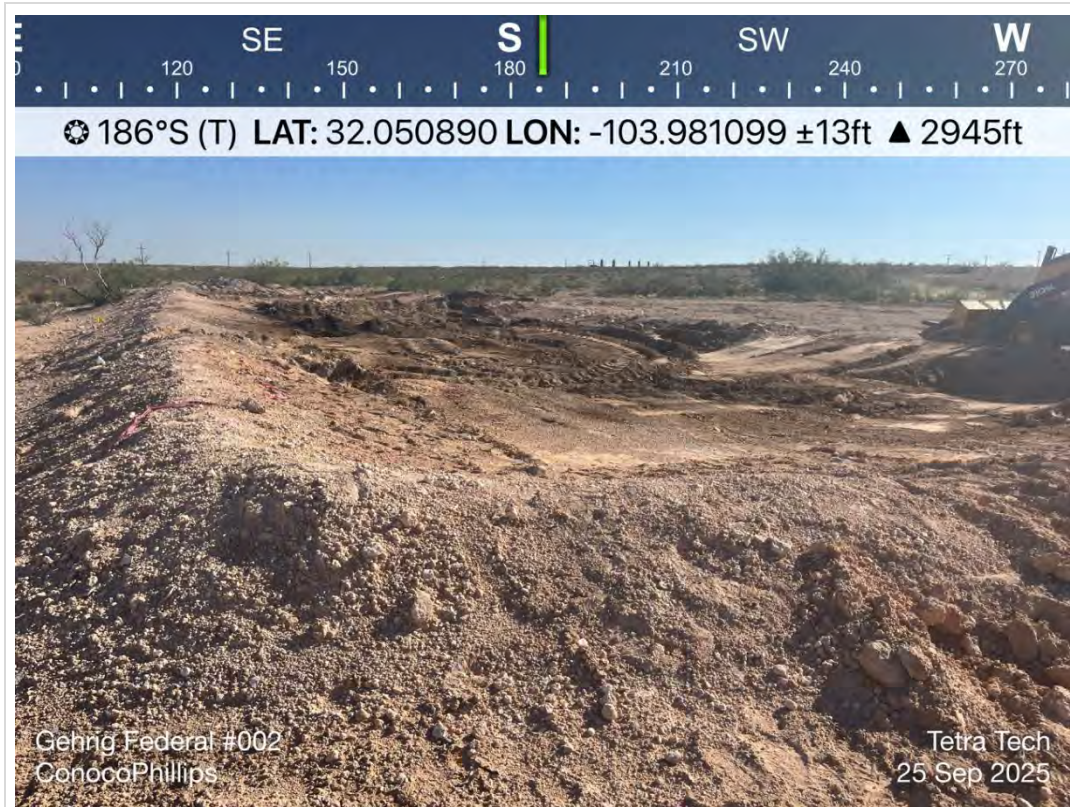
TETRA TECH, INC. PROJECT NO. 212C-MD-03972	DESCRIPTION	View west. View of the approximate release extent.	3
	SITE NAME	Gehrig Federal Release	06/11/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03972	DESCRIPTION	View west. View of on-site equipment and steel lines.	4
	SITE NAME	Gehrig Federal Release	06/11/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03972	DESCRIPTION	View southeast. View of decommissioned pad area.	5
	SITE NAME	Gehrig Federal #005 Release	9/25/2025



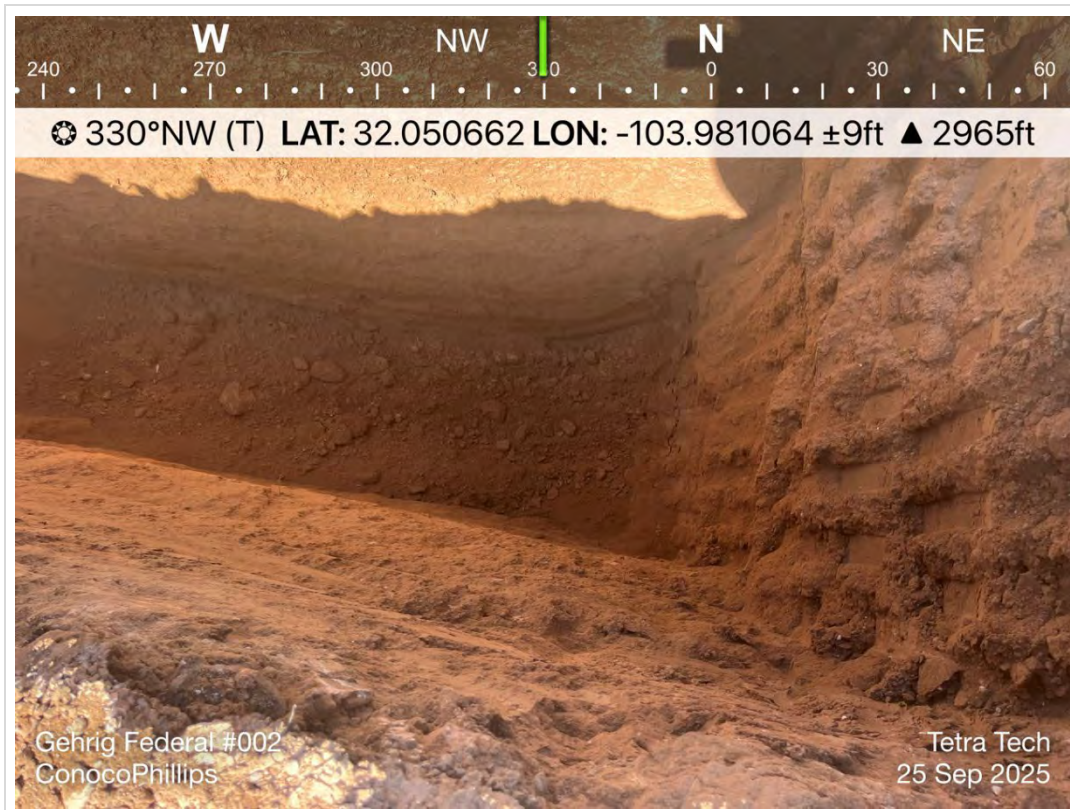
TETRA TECH, INC. PROJECT NO. 212C-MD-03972	DESCRIPTION	View south. View of decommissioned facility.	6
	SITE NAME	Gehrig Federal Release	9/25/2025



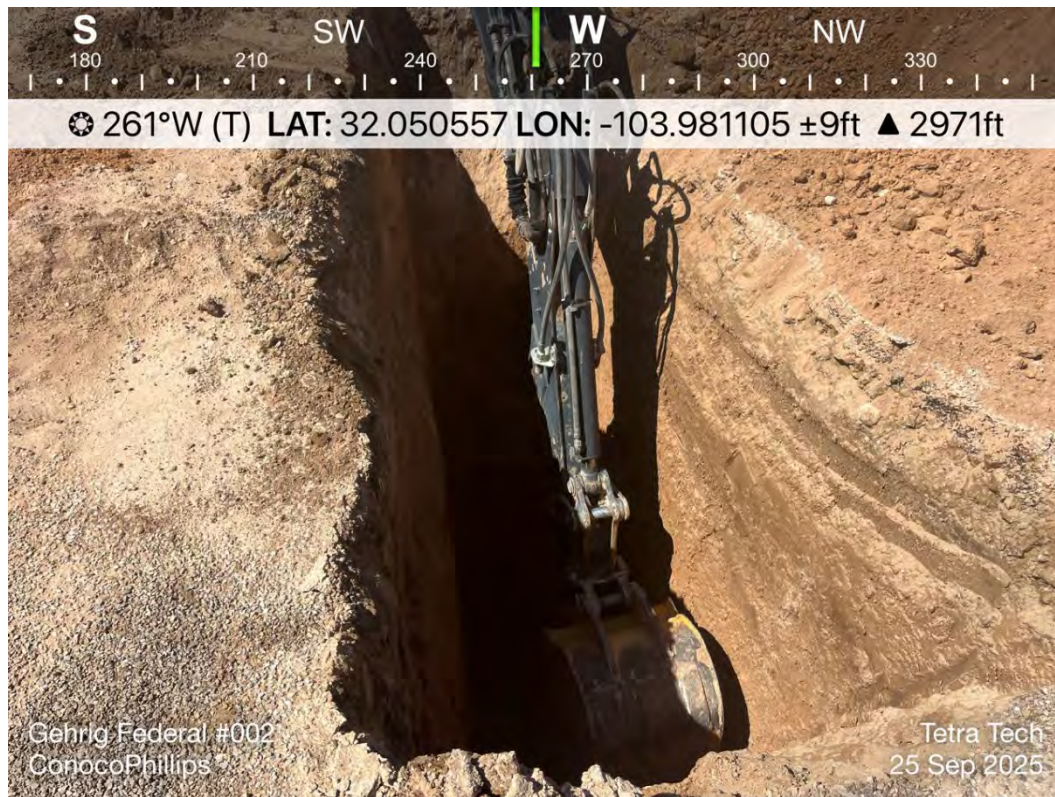
TETRA TECH, INC. PROJECT NO. 212C-MD-03972	DESCRIPTION	View north. View of pasture area.	7
	SITE NAME	Gehrig Federal Release	09/25/2025



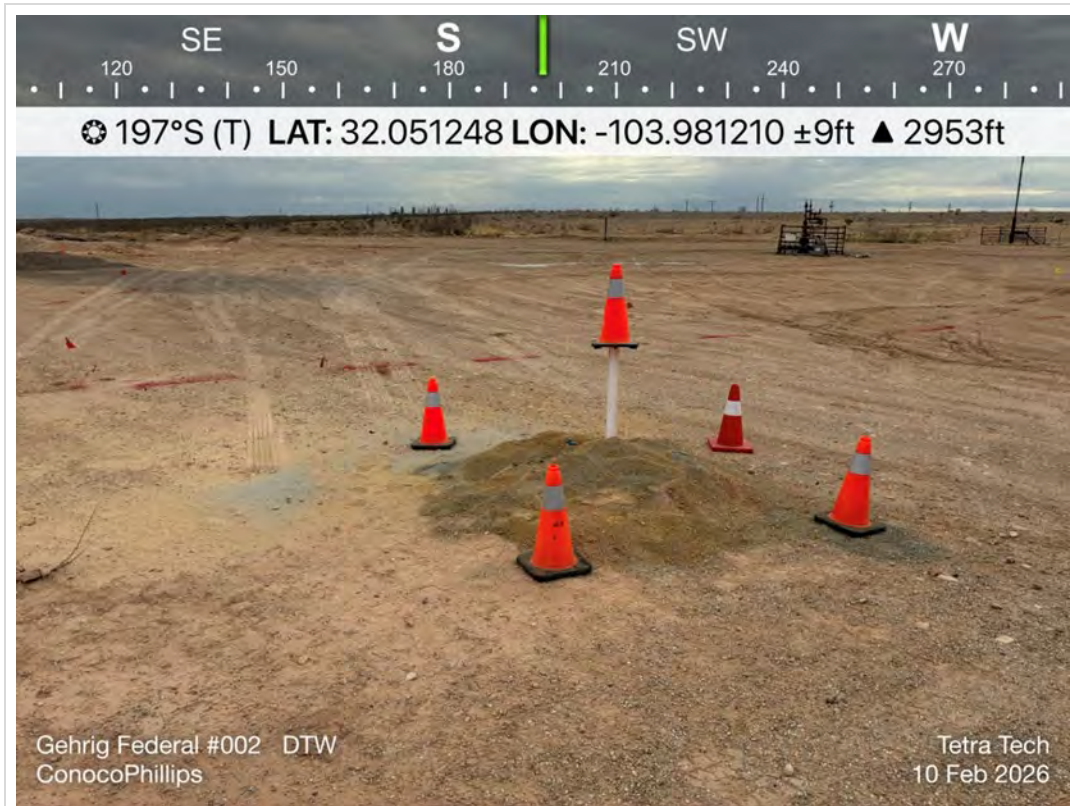
TETRA TECH, INC. PROJECT NO. 212C-MD-03972	DESCRIPTION	View north. View of decommissioned facility.	8
	SITE NAME	Gehrig Federal Release	09/25/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03972	DESCRIPTION	View northwest. View of site assessment.	9
	SITE NAME	Gehrig Federal Release	09/25/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03972	DESCRIPTION	View west. View of site assessment.	10
	SITE NAME	Gehrig Federal Release	09/25/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03972	DESCRIPTION	View south. View of plugged depth to groundwater boring.	13
	SITE NAME	Gehrig Federal Release	2/10/2026

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

QUESTIONS

Action 576143

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 576143
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2426745334
Incident Name	NAPP2426745334 GEHRIG FEDERAL #002 @ 30-015-26995
Incident Type	Fire
Incident Status	Remediation Plan Received
Incident Well	[30-015-26995] GEHRIG FEDERAL #002

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	GEHRIG FEDERAL #002
Date Release Discovered	09/22/2024
Surface Owner	Federal

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

Nature and Volume of Release	
<i>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.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Fire Tank (Any) Produced Water Released: 50 BBL Recovered: 0 BBL Lost: 50 BBL.
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	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 576143

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 576143
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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; (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

The source of the release has been stopped	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: Lisbeth Chavira Title: Project Manager Email: Lisbeth.chavira@tetrattech.com Date: 04/16/2026
--	--

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QUESTIONS, Page 3

Action 576143

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 576143
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	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)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 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	Medium
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

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

Requesting a remediation plan approval with this submission	Yes
<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)	11800
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	18330
GRO+DRO (EPA SW-846 Method 8015M)	16090
BTEX (EPA SW-846 Method 8021B or 8260B)	32.7
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	06/15/2026
On what date will (or did) the final sampling or liner inspection occur	06/17/2026
On what date will (or was) the remediation complete(d)	06/29/2026
What is the estimated surface area (in square feet) that will be reclaimed	13493
What is the estimated volume (in cubic yards) that will be reclaimed	1477
What is the estimated surface area (in square feet) that will be remediated	13493
What is the estimated volume (in cubic yards) that will be remediated	1477

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed. The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 576143

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 576143
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)

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

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

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fJEG1635837366 OWL LANDFILL JAL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Lisbeth Chavira Title: Project Manager Email: Lisbeth.chavira@tetrattech.com Date: 04/16/2026
--	--

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

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QUESTIONS, Page 5

Action 576143

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 576143
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 576143

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 576143
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

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	No

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CONDITIONS

Action 576143

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 576143
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation plan approved with the following conditions:	4/23/2026
scwells	1) The alternative sampling plan is denied to collect samples at a frequency greater than 200 ft ² . Though the DOD of this release does not require it to be remediated to the strictest standards pursuant to the Public Notice Effective 12/1/2024, "Karst Potential Occurrence Zones," this release is located in a medium karst zone and as such is located in a sensitive area. Confirmation soil samples must consist of five-point composite samples from the side wall and base and individual grab samples from any wet or discolored areas, representing a surface area of no more than 200 ft ² .	4/23/2026
scwells	2) OCD requires that any base or wall that is exposed during excavation, even due to benching and sloping, have samples collected pursuant to 19.15.29 NMAC. Ensure sidewall samples are collected between the varying depths of excavation and clearly show these on the Figures in your closure report.	4/23/2026
scwells	3) Excavation must continue past the proposed depths of excavation if confirmation samples do not meet the applicable Table I Closure Criteria.	4/23/2026
scwells	Submit a remediation closure report to OCD by 7/22/26.	4/23/2026