



CLOSURE REQUEST

Shiprock 5 Fed Com CTB
Incident Number nAPP2606851143
Lea County, New Mexico
Unit B, Section 05, T25S, R34E
32.1635259, -103.4912572

June 3, 2026

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June 3, 2026

New Mexico Oil Conservation Division

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

**Re: Closure Request
Shiprock 5 Fed Com CTB
Incident Number nAPP2606851143
Lea County, New Mexico**

To whom it may concern:

EOG Resources, Inc. (EOG) has prepared the following *Closure Request* to document assessment, excavation, and soil sampling activities at the Shiprock 5 Fed Com CTB (Site). The purpose of the remedial activities was to assess for the presence or absence of impacts to soil resulting from a produced water release at the Site. Based on field observations, field screening activities, and laboratory analytical results, EOG is submitting this *Closure Request*, describing remedial activities that have occurred and requesting no further action for Incident Number nAPP2606851143.

1.0 Site Description and Release Summary

The Site is located in Unit B, Section 05, Township 25 South, Range 34 East, in Lea County, New Mexico (32.1635259, -103.4912572) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On March 8, 2026, a pump bearing went out causing seal failure, resulting in the release of approximately 39 barrels (bbls) of produced water into the lined secondary containment and 1 bbl of produced water overflowing onto the well pad surface. A vacuum truck was dispatched to the Site to recover free-standing fluids; approximately all 39 bbls of produced water that were released into the lined secondary were recovered. EOG reported the release to the New Mexico Oil Conservation Division (NMOCD) via a Notification of Release (NOR) on March 9, 2026, and subsequently on an Initial C-141 Application (C-141) on March 24, 2026. The release was assigned Incident Number nAPP2606851143.

2.0 Site Characterization and Closure Criteria

The Site was characterized for applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented below.



Depth to groundwater at the Site is estimated to be between 51 feet and 100 feet below ground surface (bgs) based on a soil boring drilled for remediation purposes. In February 2025, a soil boring (Pitchfork Compressor Station) was advanced approximately 0.8 miles northwest of the Site to a total depth of 74 feet bgs, and no groundwater was encountered. All wells used for depth to groundwater determination are presented on Figure A included in Appendix A and the associated well records are included in Appendix B.

The closest continuously flowing or significant watercourse to the Site is a riverine, located approximately 1,272 feet southwest of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Potential Site receptors are identified in Figures A through D included in Appendix A.

Based on the results of the Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH): 100 mg/kg
- Chloride: 600 mg/kg

3.0 Liner Integrity Inspection Activities

A 48-hour advance notice of the liner inspection was submitted to the NMOCD on April 8, 2026. Prior to conducting the liner integrity inspection, EOG operations power washed the liner to remove dirt and debris and remove any residual staining. A liner integrity inspection was conducted by Carmona Resources (Carmona) personnel on April 10, 2026. Upon inspection, no rips, tears, holes, or damage was observed. The liner was determined to be sufficient to contain fluids, and all released fluids have been removed. Photographic documentation of the inspection is included in Appendix C.

4.0 Site Assessment Activities and Laboratory Analytical Results

On April 17, 2026, Carmona personnel visited the Site to evaluate the on pad release extent based on information provided on the C-141 and visual observations. One soil sample (S-1) was advanced via hand auger within the release extent to a terminal depth of 5 feet bgs to confirm the presence or absence of impacted soil within the release extent. Discrete soil samples were collected from S-1 at depths ranging from the ground surface to 5 feet bgs. Field screening results and observations for S-1 were logged on a lithologic soil sampling log, which is included in Appendix D. Horizontal samples (H-1 through H-5) were collected around the release extent from



the pad surface to confirm the lateral extent of the release. The soil samples were field screened for volatile organic compounds (VOCs) and chloride.

The assessment soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Eurofins Laboratory (Eurofins) in Midland, Texas, for analysis of the following constituents of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

Laboratory analytical results for assessment soil sample S-1 indicated chloride concentrations exceeded the Closure Criteria from the ground surface to 1-foot bgs but were in compliance at 1.5 feet bgs. Laboratory analytical results for horizontal samples H-1 through H-5 indicated all COC concentrations were in compliance with the Closure Criteria.

5.0 Excavation Activities and Laboratory Analytical Results

On May 19, 2026, Carmona personnel were on site to oversee excavation activities based on laboratory analytical results for soil sample S-1. Excavation activities were performed using a hydro vacuum and transport vehicles. The excavation occurred on the well pad, near active production equipment, pipelines, and support structures. To direct excavation activities, Carmona personnel screened for VOCs and chloride. Following the removal of impacted soil, Carmona personnel collected 5-point composite soil samples representing no more than 200 square feet from the floor and sidewalls of the excavation. The 5-point composite soil samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Confirmation samples CS-1 and CS-2 were collected from the floor of the excavation at a depth of 1.5 feet bgs. Confirmation sidewall samples SW-1 through SW-4 were collected from the sidewall of the excavation at depths ranging from the ground surface to 1.5 feet bgs. The excavation extent and confirmation soil sample locations are presented on Figure 4.

The final excavation extent measured approximately 400 square feet. A total of approximately 22 cubic yards of impacted soil was removed during excavation activities. The impacted soil was transported and properly disposed of at the OWL landfill in Jal, New Mexico. The excavation was backfilled with material purchased locally and recontoured to match pre-existing Site Conditions. One representative 5-point composite sample (Rival Pit) was collected from the caliche pit where the backfill material was purchased on May 5, 2025. The backfill sample was transported under strict chain-of-custody procedures to Eurofins.

Laboratory analytical results for all confirmation soil samples indicated all COC concentrations were in compliance with the Closure Criteria. Laboratory analytical results for the backfill soil sample (Rival Pit) confirmed compliance with the reclamation requirements. Laboratory



analytical results are summarized in Table 1, and the complete laboratory analytical reports are included in Appendix E.

6.0 Conclusions

Site assessment, excavation, and soil sampling activities were conducted at the Site to address the Marh 8, 2026, produced water release. A liner integrity inspection was conducted by Carmona personnel on April 10, 2026. Upon inspection, no rips, tears, holes, or damage were observed, and the liner was determined to be sufficient to contain fluids. Laboratory analytical results for the confirmation soil samples indicated that all COC concentrations were compliant with the Site Closure Criteria. Based on the soil sample analytical results, no further remediation was required.

Excavation of impacted soil has mitigated impacts at this Site. Depth to groundwater is estimated to be between 51 feet and 100 feet bgs and no other sensitive receptors were identified near the Site. EOG believes these remedial actions are protective of human health, the environment, and groundwater. As such, EOG respectfully requests closure for Incident Number nAPP2606851143.

If you have any questions or comments, please contact the undersigned.

Sincerely,
EOG Resources, Inc.

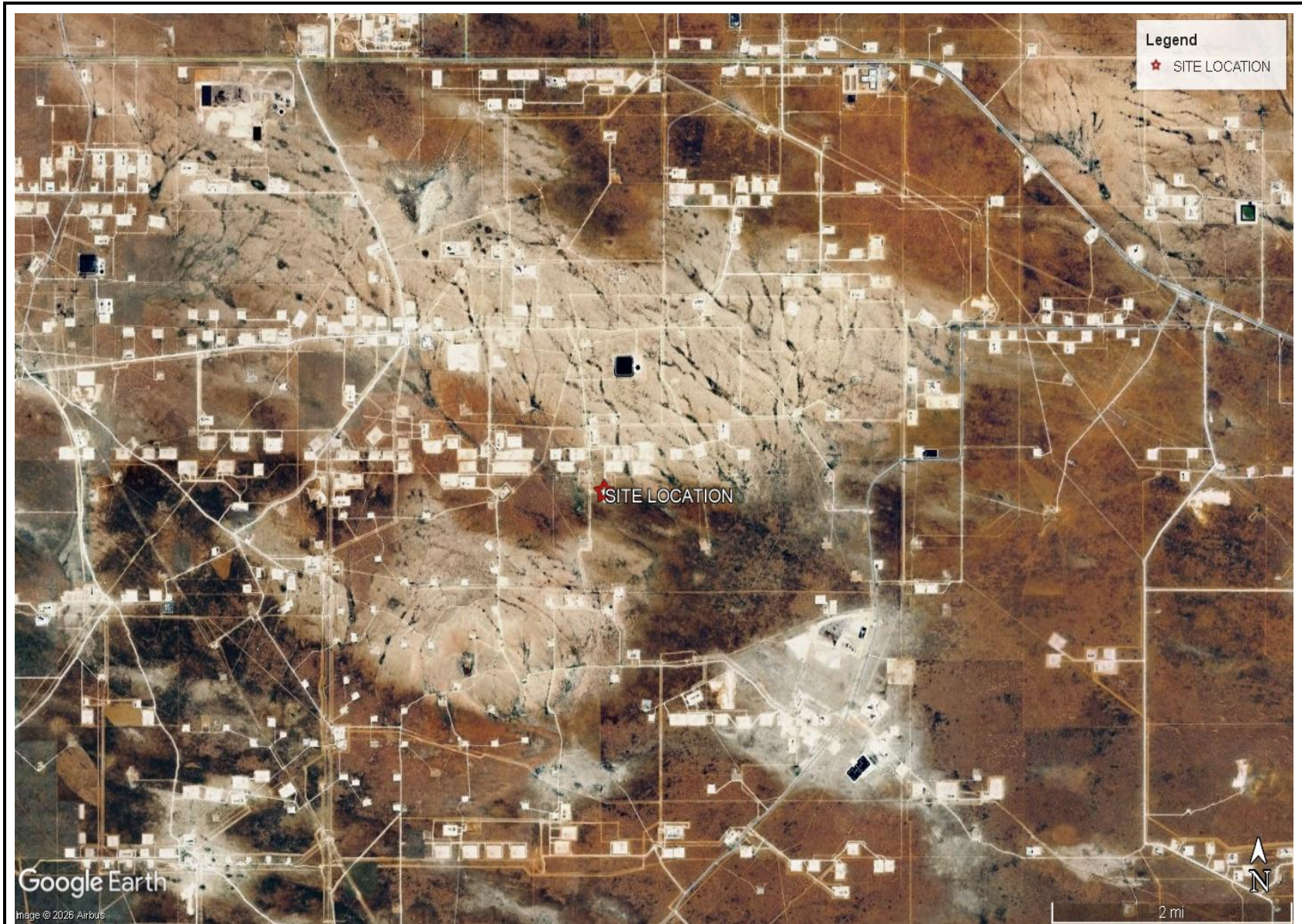
A handwritten signature in black ink that reads "Hadlie Stout".

Hadlie Stout
(346) 324-7612
Hadlie_stout@eogresources.com
Environmental Representative II

cc: BLM



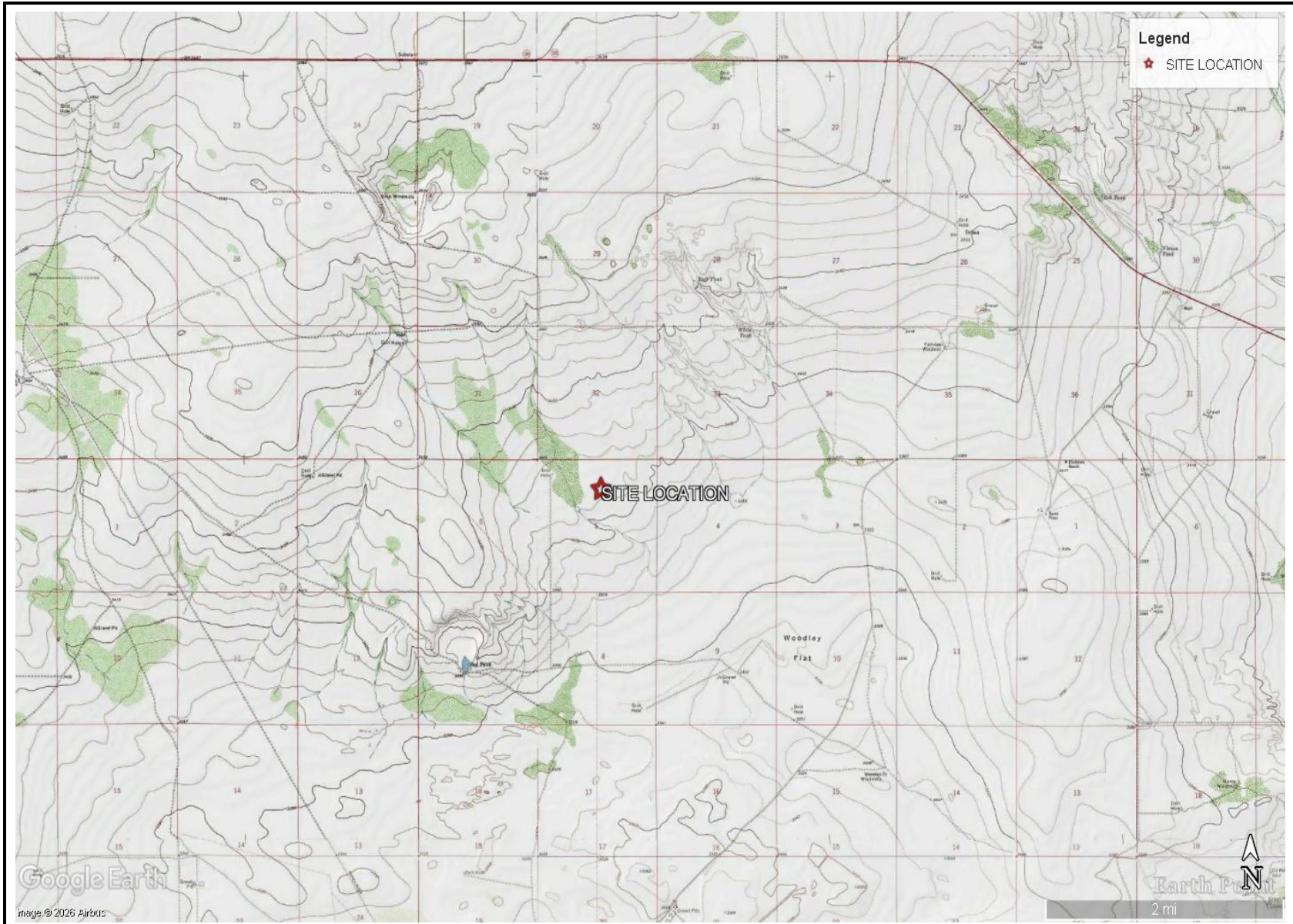
FIGURES



OVERVIEW MAP
EOG RESOURCES INC
SHIPROCK 5 FED COM CTB (03.08.26)
LEA COUNTY, NEW MEXICO
32.163518°, -103.491354°



FIGURE 1



TOPOGRAPHIC MAP
EOG RESOURCES INC
SHIPROCK 5 FED COM CTB (03.08.26)
LEA COUNTY, NEW MEXICO
32.163518°, -103.491354°



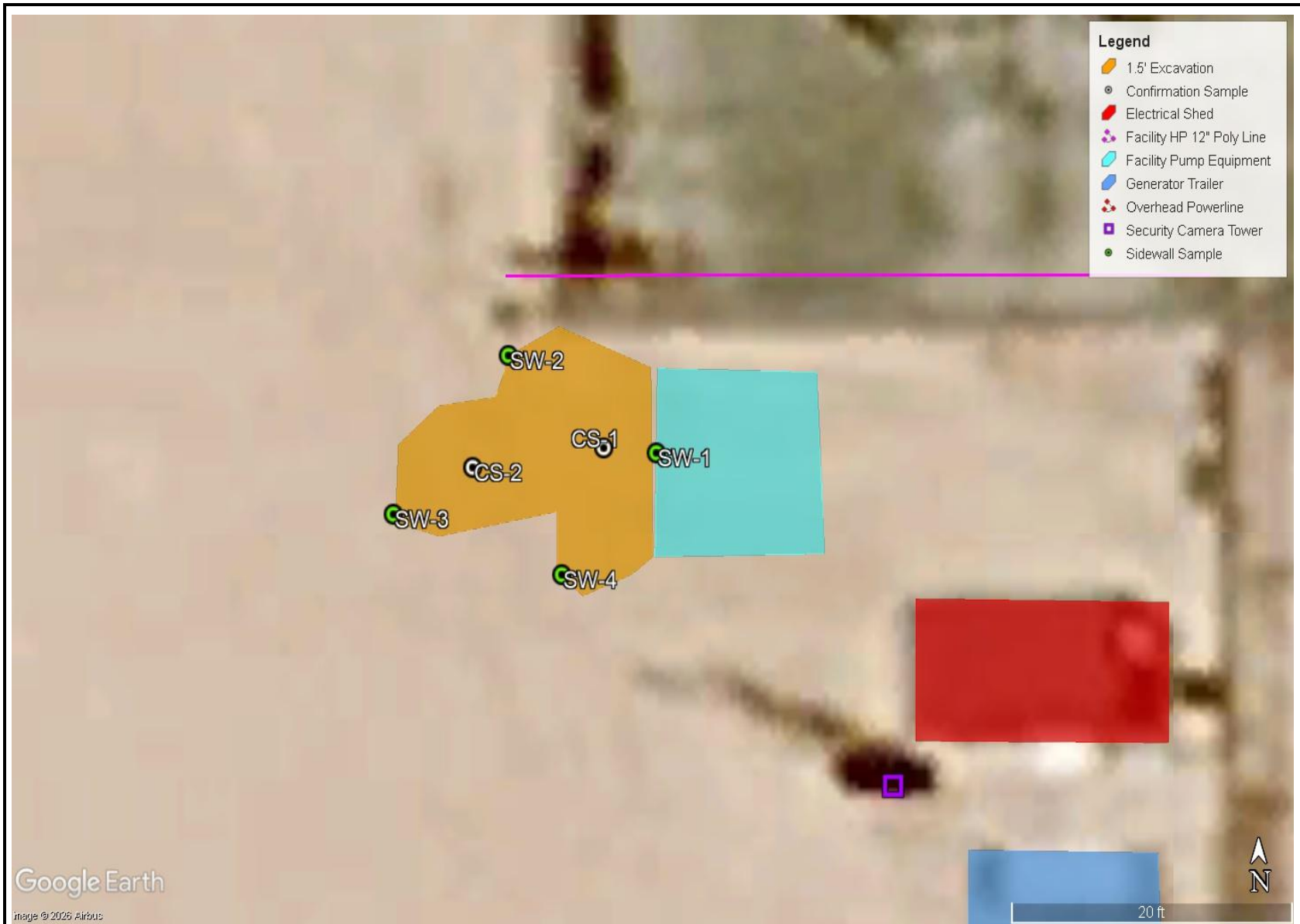
FIGURE 2



SAMPLE LOCATION MAP
EOG RESOURCES INC
SHIPROCK 5 FED COM CTB (03.08.26)
LEA COUNTY, NEW MEXICO
32.163518°, -103.491354°



FIGURE 3



EXCAVATION DEPTH MAP
EOG RESOURCES INC
SHIPROCK 5 FED COM CTB (03.08.26)
LEA COUNTY, NEW MEXICO
32.163518°, -103.491354°



FIGURE 4



TABLES

**TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Shiprock 5 Fed Com CTB
EOG Resources, Inc.
Lea County, New Mexico**

Sample ID	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO + DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	NE	NE	NE	50	NE	NE	NE	NE	100	600
Assessment Soil Samples													
S-1	04/17/2026	0 - 1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	2,980
S-1	04/17/2026	1.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	193
S-1	04/17/2026	2	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	57.9
S-1	04/17/2026	3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	178
S-1	04/17/2026	4	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	53.8
S-1	04/17/2026	5	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	34.8
H-1	04/17/2026	0 - 0.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.1	<50.1	<50.1	<50.1	<50.1	118
H-2	04/17/2026	0 - 0.5	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.1	<50.1	<50.1	<50.1	<50.1	42.0
H-3	04/17/2026	0 - 0.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	201
H-4	04/17/2026	0 - 0.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	42.6
H-5	04/17/2026	0 - 0.5	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	117
Excavation Soil Samples													
CS-1	05/19/2026	1.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	27.9
CS-2	05/19/2026	1.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	64.8
SW-1	05/19/2026	1.5	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	77.7
SW-2	05/19/2026	1.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	72.5
SW-3	05/19/2026	1.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.8	<49.8	<49.8	<49.8	<49.8	77.3
SW-4	05/19/2026	1.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	68.4
Backfill Soil Sample													
Rival Pit	05/05/2026	NA	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.6	<49.6	<49.6	<49.6	<49.6	125

bgs - below ground surface

mg/kg - milligrams per kilogram

NE - not established

NMOCD - New Mexico Oil Conservation Division

NMAC - New Mexico Administrative Code

BTEX - Benzene, Toluene, Ethylbenzene, and Xylenes

TPH - Total Petroleum Hydrocarbons

GRO - Gasoline Range Organics

DRO - Diesel Range Organics

ORO - Oil Range Organics

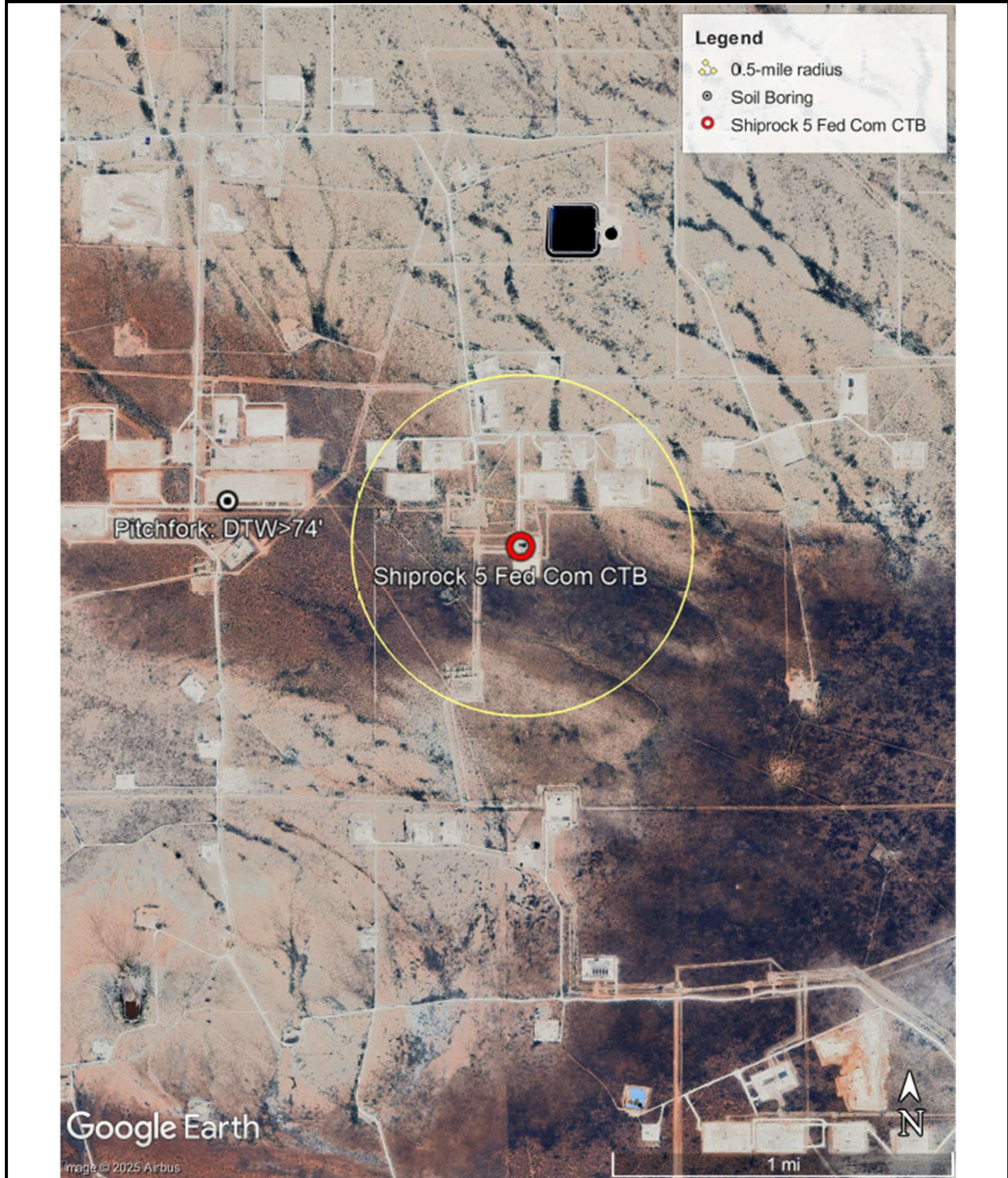
Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation requirement where applicable.

Grey text represents samples that have been excavated



APPENDIX A

Site Characterization and Groundwater



0.5 Mile Radius Water Well Map

EOG Resources, Inc.
Shiprock 5 Fed Com CTB
Incident Number nAPP2606851143
Unit B, Section 05, T25S, R34E
Lea County, New Mexico

**FIGURE
A**

U.S. Fish and Wildlife Service
National Wetlands Inventory

Figure B: National Wetlands Inventory Map



U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands_team@fws.gov

June 3, 2026

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- 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.

Figure C: FEMA Flood Map



103°29'47"W 32°10'4"N



Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		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 X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D

OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall

OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature

MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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 void as described below. The basemap shown complies with FEMA's basemap accuracy standards

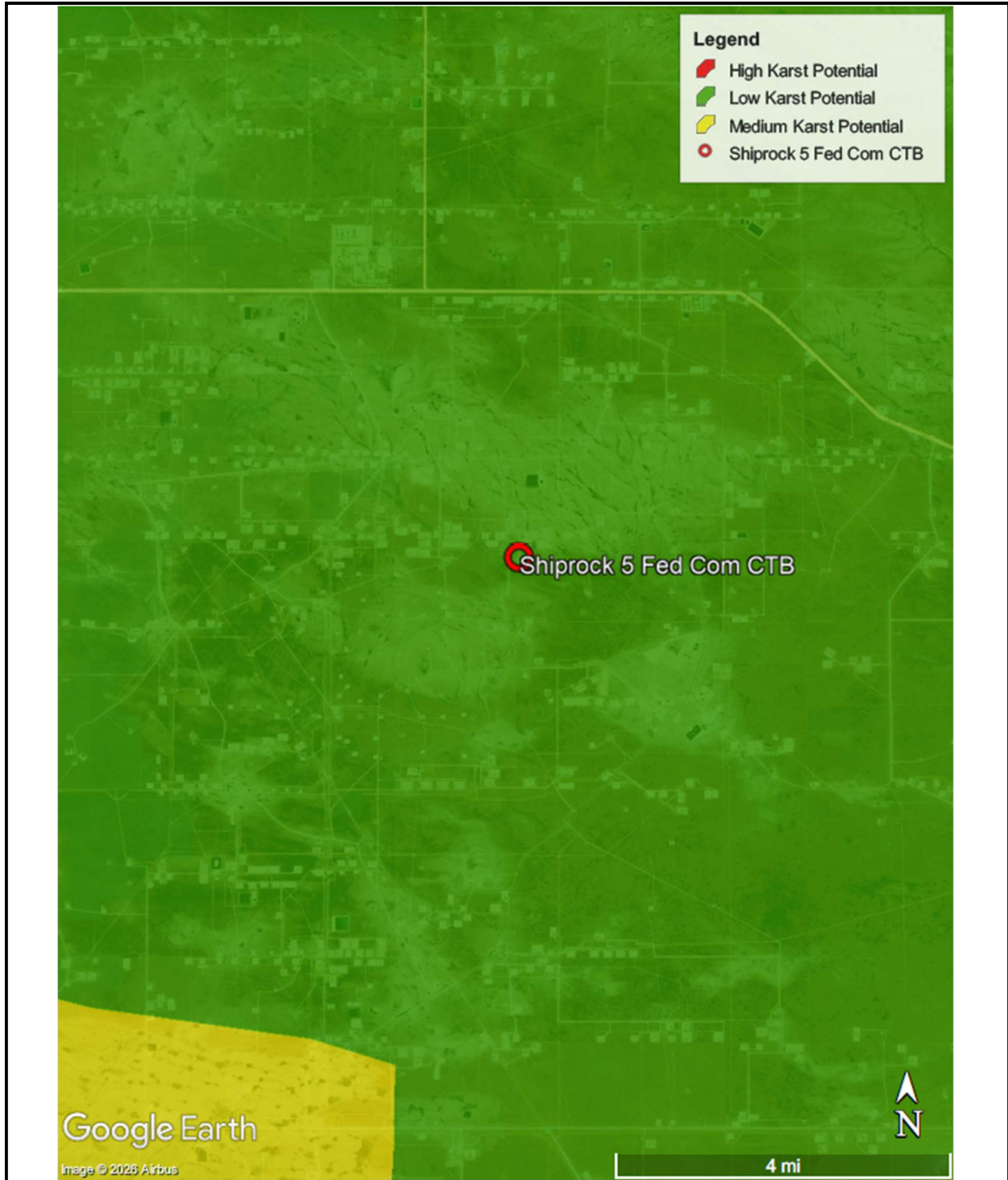
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/9/2026 at 8:37 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new 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 identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



1:6,000

103°29'10"W 32°9'33"N



	<p>Karst Potential Map EOG Resources, Inc. Shiprock 5 Fed Com CTB Incident Number nAPP2606851143 Unit B, Section 05, T25S, R34E Lea County, New Mexico</p>	<p>FIGURE D</p>
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APPENDIX B

Referenced Well Records



Project Name :	Pitchfork Compressor Station	Date :	Tuesday, February 25, 2025
Project No. :	2619	Sampler :	Ivan Ramos
Location :	Lea County, New Mexico	Driller :	HCI Drilling
Coordinates :	32.165544, -103.505991	Method :	Air Rotary
Elevation :	3441 feet		

Depth (ft.)	WL	Soil Description	Lithology	Depth (ft.)	WL	Soil Description	Lithology
0		(0') - Tan, moderately cemented, subrounded, small to medium caliche nodules with 75% fine, silty soft, loose silty sand. Dry, no odor, no organics (GM).		50		(50') - Reddish brown, medium stiff, subrounded, small to medium claystone nodules with 15% fine, clayey soft, loose sandy clay. Dry, no odor, no organics (CL).	
5		(5') - Reddish yellow, well sorted, medium dense, very loose sand. Dry, no odor, no organics (SM).		55		(55') - Grayish-brown, weakly cemented, subrounded, small silt nodules with 98% fine, silty soft, loose sandy silt. Dry, no odor, no organics (ML).	
10		(10') - Tan, strongly cemented, subangular, small to medium caliche nodules with 90% fine, silty soft, loose silty sand. Dry, no odor, no organics (SW).		60		(60') - Grayish-brown, weakly cemented, subrounded, small silt nodules with 95% fine, silty soft, loose sandy silt. Dry, no odor, no organics (ML).	
15		(15') - White, strongly cemented, subrounded, small to medium caliche nodules with 45% fine, silty soft, very loose sand. Dry, no odor, no organics (SP).		65		(65') - Yellowish gray, strongly cemented, subrounded, small to medium sandstone nodules with 40% poorly sorted, coarse, silty soft, loose clayey sand. Dry, no odor, no organics (GC).	
20		(20') - Pinkish-tan, moderately cemented, subrounded, small caliche nodules with 60% fine, silty soft, loose silty sand. Dry, no odor, no organics (SW).		70		(70') - Pale gray, strongly cemented, subangular, small to medium sandstone nodules with 20% fine, silty soft, loose clayey sand. Dry, no odor, no organics (GC).	
25		(25') - Pinkish-tan, well sorted, very soft, very loose sand. Dry, no odor, no organics (SM).		75		(74') - Light brown, medium stiff, subrounded, small claystone nodules with 80% fine, clayey soft, loose clayey sand. Dry, no odor, no organics (SC).	
30		(30') - Pinkish-tan, well sorted, very soft, very loose sand. Dry, no odor, no organics (SM).		80			
35		(35') - Grayish-brown, moderately cemented, subangular, small to medium sandstone nodules with 80% fine, silty soft, loose silty sand. Dry, no odor, no organics (SW).		85			
40		(40') - Grayish-brown, moderately cemented, subangular, small sandstone nodules with 85% fine, silty soft, loose silty sand. Dry, no odor, no organics (SW).		90			
45		(45') - Reddish brown, weakly cemented, subrounded, small clay nodules with 95% fine, silty soft, loose clayey sand. Dry, no odor, no organics (SC).		95			
50				105			

Comments : (02/25/2025) Boring terminated at 74' bgs at 9:30 A.M. Mountain Time with some presence of moisture. Boring was plugged on 03/06/2025.



APPENDIX C
Photographic Log

PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 1

Facility: Shiprock 5 Fed Com CTB

County: Lea County, New Mexico

Description:
Facility Sign

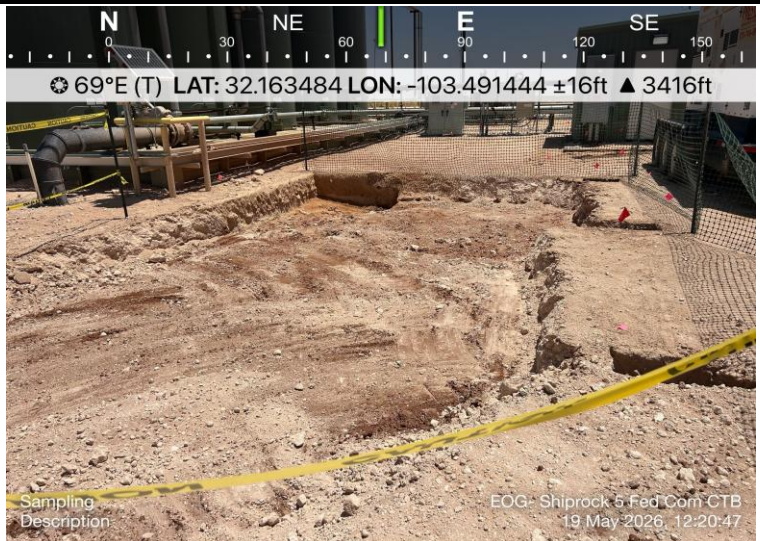


Photograph No. 2

Facility: Shiprock 5 Fed Com CTB

County: Lea County, New Mexico

Description:
View east, area of Confirmation Samples 1-2.



Photograph No. 3

Facility: Shiprock 5 Fed Com CTB

County: Lea County, New Mexico

Description:
View of the liner after all the impacted material was removed.



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 4

Facility: Shiprock 5 Fed Com CTB

County: Lea County, New Mexico

Description:
View of the liner after all the impacted material was removed.



Photograph No. 5

Facility: Shiprock 5 Fed Com CTB

County: Lea County, New Mexico

Description:
View of the liner after all the impacted material was removed.



Photograph No. 6

Facility: Shiprock 5 Fed Com CTB

County: Lea County, New Mexico

Description:
View of the liner after all the impacted material was removed.



Photographic Log
EOG Resources, Inc.
Shiprock 5 Fed Com CTB
Incident Number nAPP2606851143



Photograph: 1

Date: 5/20/2026

Description: Backfilled excavation, photo taken by AZ Field Services



APPENDIX D

Lithologic Soil Sampling Log



Project Name :	<u>Shiprock 5 Fed Com CTB (03.08.26)</u>	Date :	<u>Friday, April 17, 2026</u>
Project No. :	<u>3223</u>	Sampler :	<u>Joel Del Campo</u>
Location :	<u>Lea County, New Mexico</u>	Company:	<u>Carmona Resources</u>
Coordinates :	<u>32.163518, -103.491349</u>	Method :	<u>Hand Auger</u>
Elevation :	<u>3,414</u>		

Depth (ft.)	WL	Soil Description	Chlorides (PPM)	Depth (ft.)	WL	Soil Description	Lithology
0-1		(0-1') - Light Tan - compacted caliche, not odorous, dry, no organics	2,950				
1.5		(1.5') - Light Tan - compacted caliche, not odorous, dry, no organics	220				
2		(2') - Light Tan Redish loam fine sand, no odor, dry, no organics	65.5				
3		(3') - Light Tan Redish loam fine sand, no odor, dry, no organics	165				
4		(4') - Brownish Red loam fine sand, no odor, dry, no organics	75.4				
5		(5') - Brownish Red loam fine sand, no odor, dry, no organics	55.4				
6							
7							
8							
9							
10							

Comments : Hand Auger at S-1 was terminated at 5' due to clean field screenings



APPENDIX E

Laboratory Analytical Reports & Chain-of-Custody Documentation



Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

Shiprock 5 fed com CTB
 Lea County New Mexico

JOB NUMBER

890-9801-1

Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad NM 88220



Eurofins Carlsbad

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
4/27/2026 1:29:40 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: Shiprock 5 fed com CTB

Laboratory Job ID: 890-9801-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Shiprock 5 fed com CTB

Job ID: 890-9801-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
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.

GC Semi VOA

Qualifier	Qualifier Description
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: Shiprock 5 fed com CTB

Job ID: 890-9801-1

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Job Narrative 890-9801-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 4/17/2026 2:19 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 -3.6°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-1) (890-9801-1), S-1 (1.5) (890-9801-2), S-1 (2) (890-9801-3), S-1 (3) (890-9801-4), S-1 (4) (890-9801-5) and S-1 (5) (890-9801-6).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-1 (0-1) (890-9801-1), S-1 (1.5) (890-9801-2), S-1 (2) (890-9801-3) and S-1 (5) (890-9801-6). Evidence of matrix interferences is not obvious.

Method 8021B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-138869 and analytical batch 880-138843 recovered outside control limits for the following analytes: Ethylbenzene.

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

Diesel Range Organics

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

HPLC/IC

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

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Client Sample Results

Client: Carmona Resources
 Project/Site: Shiprock 5 fed com CTB

Job ID: 890-9801-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 890-9801-1

Date Collected: 04/17/26 08:30

Matrix: Solid

Date Received: 04/17/26 14:19

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		04/24/26 11:44	04/24/26 19:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/26 11:44	04/24/26 19:31	1
Ethylbenzene	<0.00200	U *1	0.00200		mg/Kg		04/24/26 11:44	04/24/26 19:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/24/26 11:44	04/24/26 19:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/26 11:44	04/24/26 19:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/24/26 11:44	04/24/26 19:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	04/24/26 11:44	04/24/26 19:31	1
1,4-Difluorobenzene (Surr)	66	S1-	70 - 130	04/24/26 11:44	04/24/26 19:31	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			04/24/26 19:31	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			04/23/26 22:19	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		04/19/26 17:45	04/23/26 22:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/19/26 17:45	04/23/26 22:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/19/26 17:45	04/23/26 22:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	04/19/26 17:45	04/23/26 22:19	1
o-Terphenyl	82		70 - 130	04/19/26 17:45	04/23/26 22:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2980		49.8		mg/Kg			04/22/26 01:10	5

Client Sample ID: S-1 (1.5)

Lab Sample ID: 890-9801-2

Date Collected: 04/17/26 08:35

Matrix: Solid

Date Received: 04/17/26 14:19

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		04/24/26 11:44	04/24/26 19:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/24/26 11:44	04/24/26 19:51	1
Ethylbenzene	<0.00201	U *1	0.00201		mg/Kg		04/24/26 11:44	04/24/26 19:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/24/26 11:44	04/24/26 19:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/24/26 11:44	04/24/26 19:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/24/26 11:44	04/24/26 19:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/24/26 11:44	04/24/26 19:51	1
1,4-Difluorobenzene (Surr)	68	S1-	70 - 130	04/24/26 11:44	04/24/26 19:51	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Shiprock 5 fed com CTB

Job ID: 890-9801-1
 SDG: Lea County New Mexico

Client Sample ID: S-1 (1.5)

Lab Sample ID: 890-9801-2

Date Collected: 04/17/26 08:35

Matrix: Solid

Date Received: 04/17/26 14:19

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			04/24/26 19:51	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			04/23/26 22:34	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	<50.0	U	50.0		mg/Kg		04/19/26 17:45	04/23/26 22:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/19/26 17:45	04/23/26 22:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:45	04/23/26 22:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	04/19/26 17:45	04/23/26 22:34	1
o-Terphenyl	79		70 - 130	04/19/26 17:45	04/23/26 22:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	193		10.0		mg/Kg			04/22/26 01:15	1

Client Sample ID: S-1 (2)

Lab Sample ID: 890-9801-3

Date Collected: 04/17/26 08:37

Matrix: Solid

Date Received: 04/17/26 14:19

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		04/24/26 11:44	04/24/26 20:12	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/24/26 11:44	04/24/26 20:12	1
Ethylbenzene	<0.00202	U *1	0.00202		mg/Kg		04/24/26 11:44	04/24/26 20:12	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/24/26 11:44	04/24/26 20:12	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/24/26 11:44	04/24/26 20:12	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/24/26 11:44	04/24/26 20:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/24/26 11:44	04/24/26 20:12	1
1,4-Difluorobenzene (Surr)	67	S1-	70 - 130	04/24/26 11:44	04/24/26 20:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/24/26 20:12	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			04/23/26 22:50	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		04/19/26 17:45	04/23/26 22:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/19/26 17:45	04/23/26 22:50	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Shiprock 5 fed com CTB

Job ID: 890-9801-1
 SDG: Lea County New Mexico

Client Sample ID: S-1 (2)

Lab Sample ID: 890-9801-3

Date Collected: 04/17/26 08:37

Matrix: Solid

Date Received: 04/17/26 14:19

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		04/19/26 17:45	04/23/26 22:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				04/19/26 17:45	04/23/26 22:50	1
o-Terphenyl	83		70 - 130				04/19/26 17:45	04/23/26 22:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.9		10.1		mg/Kg			04/22/26 00:27	1

Client Sample ID: S-1 (3)

Lab Sample ID: 890-9801-4

Date Collected: 04/17/26 08:40

Matrix: Solid

Date Received: 04/17/26 14:19

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		04/24/26 11:44	04/24/26 20:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/26 11:44	04/24/26 20:32	1
Ethylbenzene	<0.00199	U *1	0.00199		mg/Kg		04/24/26 11:44	04/24/26 20:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/24/26 11:44	04/24/26 20:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/26 11:44	04/24/26 20:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/26 11:44	04/24/26 20:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				04/24/26 11:44	04/24/26 20:32	1
1,4-Difluorobenzene (Surr)	73		70 - 130				04/24/26 11:44	04/24/26 20:32	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			04/24/26 20:32	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			04/23/26 23:05	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	<50.0	U	50.0		mg/Kg		04/19/26 17:45	04/23/26 23:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/19/26 17:45	04/23/26 23:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:45	04/23/26 23:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				04/19/26 17:45	04/23/26 23:05	1
o-Terphenyl	82		70 - 130				04/19/26 17:45	04/23/26 23:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	178		10.1		mg/Kg			04/22/26 00:42	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Shiprock 5 fed com CTB

Job ID: 890-9801-1
 SDG: Lea County New Mexico

Client Sample ID: S-1 (4)

Lab Sample ID: 890-9801-5

Date Collected: 04/17/26 08:44

Matrix: Solid

Date Received: 04/17/26 14:19

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		04/24/26 11:44	04/24/26 20:53	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/24/26 11:44	04/24/26 20:53	1
Ethylbenzene	<0.00198	U *1	0.00198		mg/Kg		04/24/26 11:44	04/24/26 20:53	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/24/26 11:44	04/24/26 20:53	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/24/26 11:44	04/24/26 20:53	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/24/26 11:44	04/24/26 20:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	04/24/26 11:44	04/24/26 20:53	1
1,4-Difluorobenzene (Surr)	73		70 - 130	04/24/26 11:44	04/24/26 20:53	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			04/24/26 20:53	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			04/23/26 23:20	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		04/19/26 17:45	04/23/26 23:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/19/26 17:45	04/23/26 23:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/19/26 17:45	04/23/26 23:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	04/19/26 17:45	04/23/26 23:20	1
o-Terphenyl	84		70 - 130	04/19/26 17:45	04/23/26 23:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	53.8		10.0		mg/Kg			04/22/26 00:47	1

Client Sample ID: S-1 (5)

Lab Sample ID: 890-9801-6

Date Collected: 04/17/26 08:48

Matrix: Solid

Date Received: 04/17/26 14:19

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		04/24/26 11:44	04/24/26 21:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/26 11:44	04/24/26 21:14	1
Ethylbenzene	<0.00200	U *1	0.00200		mg/Kg		04/24/26 11:44	04/24/26 21:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/24/26 11:44	04/24/26 21:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/26 11:44	04/24/26 21:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/24/26 11:44	04/24/26 21:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	04/24/26 11:44	04/24/26 21:14	1
1,4-Difluorobenzene (Surr)	68	S1-	70 - 130	04/24/26 11:44	04/24/26 21:14	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Shiprock 5 fed com CTB

Job ID: 890-9801-1
 SDG: Lea County New Mexico

Client Sample ID: S-1 (5)

Lab Sample ID: 890-9801-6

Date Collected: 04/17/26 08:48

Matrix: Solid

Date Received: 04/17/26 14:19

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/24/26 21:14	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			04/23/26 23:35	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		04/19/26 17:45	04/23/26 23:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/19/26 17:45	04/23/26 23:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:45	04/23/26 23:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	04/19/26 17:45	04/23/26 23:35	1
o-Terphenyl	88		70 - 130	04/19/26 17:45	04/23/26 23:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.8		9.92		mg/Kg			04/22/26 00:53	1

Surrogate Summary

Client: Carmona Resources
 Project/Site: Shiprock 5 fed com CTB

Job ID: 890-9801-1
 SDG: Lea 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)
880-71382-A-1-C MS	Matrix Spike	109	84
880-71382-A-1-D MSD	Matrix Spike Duplicate	131 S1+	104
890-9801-1	S-1 (0-1)	106	66 S1-
890-9801-2	S-1 (1.5)	98	68 S1-
890-9801-3	S-1 (2)	99	67 S1-
890-9801-4	S-1 (3)	102	73
890-9801-5	S-1 (4)	105	73
890-9801-6	S-1 (5)	93	68 S1-
LCS 880-138869/1-A	Lab Control Sample	84	96
LCSD 880-138869/2-A	Lab Control Sample Dup	95	90
MB 880-138869/5-A	Method Blank	98	63 S1-

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)
890-9798-A-2-B MS	Matrix Spike	85	84
890-9798-A-2-C MSD	Matrix Spike Duplicate	86	83
890-9801-1	S-1 (0-1)	84	82
890-9801-2	S-1 (1.5)	82	79
890-9801-3	S-1 (2)	84	83
890-9801-4	S-1 (3)	85	82
890-9801-5	S-1 (4)	87	84
890-9801-6	S-1 (5)	91	88
LCS 880-138249/2-A	Lab Control Sample	75	79
LCSD 880-138249/3-A	Lab Control Sample Dup	77	81
MB 880-138249/1-A	Method Blank	82	79

Surrogate Legend
 1CO = 1-Chlorooctane
 OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
 Project/Site: Shiprock 5 fed com CTB

Job ID: 890-9801-1
 SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-138869/5-A
 Matrix: Solid
 Analysis Batch: 138843

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 138869

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/26 11:44	04/24/26 14:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/26 11:44	04/24/26 14:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/26 11:44	04/24/26 14:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/24/26 11:44	04/24/26 14:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/26 11:44	04/24/26 14:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/24/26 11:44	04/24/26 14:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/24/26 11:44	04/24/26 14:29	1
1,4-Difluorobenzene (Surr)	63	S1-	70 - 130	04/24/26 11:44	04/24/26 14:29	1

Lab Sample ID: LCS 880-138869/1-A
 Matrix: Solid
 Analysis Batch: 138843

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 138869

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1074		mg/Kg		107	70 - 130
Toluene	0.100	0.09801		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.1207		mg/Kg		121	70 - 130
m-Xylene & p-Xylene	0.200	0.2027		mg/Kg		101	70 - 130
o-Xylene	0.100	0.09254		mg/Kg		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	84		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-138869/2-A
 Matrix: Solid
 Analysis Batch: 138843

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 138869

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09772		mg/Kg		98	70 - 130	9	35
Toluene	0.100	0.08899		mg/Kg		89	70 - 130	10	35
Ethylbenzene	0.100	0.07950	*1	mg/Kg		80	70 - 130	41	35
m-Xylene & p-Xylene	0.200	0.1581		mg/Kg		79	70 - 130	25	35
o-Xylene	0.100	0.08155		mg/Kg		82	70 - 130	13	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 880-71382-A-1-C MS
 Matrix: Solid
 Analysis Batch: 138843

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 138869

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09113		mg/Kg		91	70 - 130
Toluene	<0.00200	U	0.100	0.07684		mg/Kg		77	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Shiprock 5 fed com CTB

Job ID: 890-9801-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-71382-A-1-C MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 138843

Prep Batch: 138869

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U *1	0.100	0.1095		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2081		mg/Kg		104	70 - 130
o-Xylene	<0.00200	U	0.100	0.1083		mg/Kg		108	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

Lab Sample ID: 880-71382-A-1-D MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 138843

Prep Batch: 138869

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U	0.100	0.1100		mg/Kg		110	70 - 130	19	35
Toluene	<0.00200	U	0.100	0.1052		mg/Kg		105	70 - 130	31	35
Ethylbenzene	<0.00200	U *1	0.100	0.08671		mg/Kg		87	70 - 130	23	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1833		mg/Kg		92	70 - 130	13	35
o-Xylene	<0.00200	U	0.100	0.1011		mg/Kg		101	70 - 130	7	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

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

Lab Sample ID: MB 880-138249/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 138693

Prep Batch: 138249

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		04/19/26 17:45	04/23/26 17:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/19/26 17:45	04/23/26 17:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:45	04/23/26 17:06	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	82		70 - 130	04/19/26 17:45	04/23/26 17:06	1
o-Terphenyl	79		70 - 130	04/19/26 17:45	04/23/26 17:06	1

Lab Sample ID: LCS 880-138249/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 138693

Prep Batch: 138249

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	801.4		mg/Kg		80	70 - 130
Diesel Range Organics (Over C10-C28)	1000	828.6		mg/Kg		83	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Shiprock 5 fed com CTB

Job ID: 890-9801-1
 SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-138249/2-A
Matrix: Solid
Analysis Batch: 138693

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138249

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	75		70 - 130
o-Terphenyl	79		70 - 130

Lab Sample ID: LCSD 880-138249/3-A
Matrix: Solid
Analysis Batch: 138693

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138249

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	813.8		mg/Kg		81	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	1000	842.9		mg/Kg		84	70 - 130	2	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	77		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-9798-A-2-B MS
Matrix: Solid
Analysis Batch: 138693

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 138249

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	999	908.0		mg/Kg		91	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.1	U	999	895.2		mg/Kg		90	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	85		70 - 130
o-Terphenyl	84		70 - 130

Lab Sample ID: 890-9798-A-2-C MSD
Matrix: Solid
Analysis Batch: 138693

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 138249

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	999	921.1		mg/Kg		92	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)	<50.1	U	999	917.8		mg/Kg		92	70 - 130	2	20	

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	86		70 - 130
o-Terphenyl	83		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Shiprock 5 fed com CTB

Job ID: 890-9801-1
 SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-138338/1-A
 Matrix: Solid
 Analysis Batch: 138500

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			04/21/26 22:50	1

Lab Sample ID: LCS 880-138338/2-A
 Matrix: Solid
 Analysis Batch: 138500

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	259.2		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-138338/3-A
 Matrix: Solid
 Analysis Batch: 138500

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	261.7		mg/Kg		105	90 - 110	1	20

Lab Sample ID: 890-9798-A-5-C MS
 Matrix: Solid
 Analysis Batch: 138500

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	377		248	622.8		mg/Kg		99	90 - 110

Lab Sample ID: 890-9798-A-5-D MSD
 Matrix: Solid
 Analysis Batch: 138500

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	377		248	623.1		mg/Kg		99	90 - 110	0	20

Lab Sample ID: MB 880-138340/1-A
 Matrix: Solid
 Analysis Batch: 138501

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			04/22/26 00:11	1

Lab Sample ID: LCS 880-138340/2-A
 Matrix: Solid
 Analysis Batch: 138501

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	248.7		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-138340/3-A
 Matrix: Solid
 Analysis Batch: 138501

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	236.7		mg/Kg		95	90 - 110	5	20

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QC Sample Results

Client: Carmona Resources
 Project/Site: Shiprock 5 fed com CTB

Job ID: 890-9801-1
 SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-9801-3 MS
Matrix: Solid
Analysis Batch: 138501

Client Sample ID: S-1 (2)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	57.9		252	319.8		mg/Kg		104	90 - 110

Lab Sample ID: 890-9801-3 MSD
Matrix: Solid
Analysis Batch: 138501

Client Sample ID: S-1 (2)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	57.9		252	308.0		mg/Kg		99	90 - 110	4	20

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QC Association Summary

Client: Carmona Resources
 Project/Site: Shiprock 5 fed com CTB

Job ID: 890-9801-1
 SDG: Lea County New Mexico

GC VOA

Analysis Batch: 138843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9801-1	S-1 (0-1)	Total/NA	Solid	8021B	138869
890-9801-2	S-1 (1.5)	Total/NA	Solid	8021B	138869
890-9801-3	S-1 (2)	Total/NA	Solid	8021B	138869
890-9801-4	S-1 (3)	Total/NA	Solid	8021B	138869
890-9801-5	S-1 (4)	Total/NA	Solid	8021B	138869
890-9801-6	S-1 (5)	Total/NA	Solid	8021B	138869
MB 880-138869/5-A	Method Blank	Total/NA	Solid	8021B	138869
LCS 880-138869/1-A	Lab Control Sample	Total/NA	Solid	8021B	138869
LCSD 880-138869/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138869
880-71382-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	138869
880-71382-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	138869

Prep Batch: 138869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9801-1	S-1 (0-1)	Total/NA	Solid	5035	
890-9801-2	S-1 (1.5)	Total/NA	Solid	5035	
890-9801-3	S-1 (2)	Total/NA	Solid	5035	
890-9801-4	S-1 (3)	Total/NA	Solid	5035	
890-9801-5	S-1 (4)	Total/NA	Solid	5035	
890-9801-6	S-1 (5)	Total/NA	Solid	5035	
MB 880-138869/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138869/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-138869/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-71382-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-71382-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 139065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9801-1	S-1 (0-1)	Total/NA	Solid	Total BTEX	
890-9801-2	S-1 (1.5)	Total/NA	Solid	Total BTEX	
890-9801-3	S-1 (2)	Total/NA	Solid	Total BTEX	
890-9801-4	S-1 (3)	Total/NA	Solid	Total BTEX	
890-9801-5	S-1 (4)	Total/NA	Solid	Total BTEX	
890-9801-6	S-1 (5)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 138249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9801-1	S-1 (0-1)	Total/NA	Solid	8015NM Prep	
890-9801-2	S-1 (1.5)	Total/NA	Solid	8015NM Prep	
890-9801-3	S-1 (2)	Total/NA	Solid	8015NM Prep	
890-9801-4	S-1 (3)	Total/NA	Solid	8015NM Prep	
890-9801-5	S-1 (4)	Total/NA	Solid	8015NM Prep	
890-9801-6	S-1 (5)	Total/NA	Solid	8015NM Prep	
MB 880-138249/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138249/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138249/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9798-A-2-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9798-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
 Project/Site: Shiprock 5 fed com CTB

Job ID: 890-9801-1
 SDG: Lea County New Mexico

GC Semi VOA

Analysis Batch: 138693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9801-1	S-1 (0-1)	Total/NA	Solid	8015B NM	138249
890-9801-2	S-1 (1.5)	Total/NA	Solid	8015B NM	138249
890-9801-3	S-1 (2)	Total/NA	Solid	8015B NM	138249
890-9801-4	S-1 (3)	Total/NA	Solid	8015B NM	138249
890-9801-5	S-1 (4)	Total/NA	Solid	8015B NM	138249
890-9801-6	S-1 (5)	Total/NA	Solid	8015B NM	138249
MB 880-138249/1-A	Method Blank	Total/NA	Solid	8015B NM	138249
LCS 880-138249/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138249
LCS 880-138249/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138249
890-9798-A-2-B MS	Matrix Spike	Total/NA	Solid	8015B NM	138249
890-9798-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	138249

Analysis Batch: 138867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9801-1	S-1 (0-1)	Total/NA	Solid	8015 NM	
890-9801-2	S-1 (1.5)	Total/NA	Solid	8015 NM	
890-9801-3	S-1 (2)	Total/NA	Solid	8015 NM	
890-9801-4	S-1 (3)	Total/NA	Solid	8015 NM	
890-9801-5	S-1 (4)	Total/NA	Solid	8015 NM	
890-9801-6	S-1 (5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 138338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9801-1	S-1 (0-1)	Soluble	Solid	DI Leach	
890-9801-2	S-1 (1.5)	Soluble	Solid	DI Leach	
MB 880-138338/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138338/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCS 880-138338/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9798-A-5-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9798-A-5-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 138340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9801-3	S-1 (2)	Soluble	Solid	DI Leach	
890-9801-4	S-1 (3)	Soluble	Solid	DI Leach	
890-9801-5	S-1 (4)	Soluble	Solid	DI Leach	
890-9801-6	S-1 (5)	Soluble	Solid	DI Leach	
MB 880-138340/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138340/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCS 880-138340/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9801-3 MS	S-1 (2)	Soluble	Solid	DI Leach	
890-9801-3 MSD	S-1 (2)	Soluble	Solid	DI Leach	

Analysis Batch: 138500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9801-1	S-1 (0-1)	Soluble	Solid	300.0	138338
890-9801-2	S-1 (1.5)	Soluble	Solid	300.0	138338
MB 880-138338/1-A	Method Blank	Soluble	Solid	300.0	138338
LCS 880-138338/2-A	Lab Control Sample	Soluble	Solid	300.0	138338

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
 Project/Site: Shiprock 5 fed com CTB

Job ID: 890-9801-1
 SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 138500 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-138338/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138338
890-9798-A-5-C MS	Matrix Spike	Soluble	Solid	300.0	138338
890-9798-A-5-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	138338

Analysis Batch: 138501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9801-3	S-1 (2)	Soluble	Solid	300.0	138340
890-9801-4	S-1 (3)	Soluble	Solid	300.0	138340
890-9801-5	S-1 (4)	Soluble	Solid	300.0	138340
890-9801-6	S-1 (5)	Soluble	Solid	300.0	138340
MB 880-138340/1-A	Method Blank	Soluble	Solid	300.0	138340
LCS 880-138340/2-A	Lab Control Sample	Soluble	Solid	300.0	138340
LCSD 880-138340/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138340
890-9801-3 MS	S-1 (2)	Soluble	Solid	300.0	138340
890-9801-3 MSD	S-1 (2)	Soluble	Solid	300.0	138340

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Shiprock 5 fed com CTB

Job ID: 890-9801-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 890-9801-1

Date Collected: 04/17/26 08:30

Matrix: Solid

Date Received: 04/17/26 14:19

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	138869	04/24/26 11:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138843	04/24/26 19:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139065	04/24/26 19:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			138867	04/23/26 22:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	138249	04/19/26 17:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138693	04/23/26 22:19	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138338	04/20/26 15:11	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	138500	04/22/26 01:10	CS	EET MID

Client Sample ID: S-1 (1.5)

Lab Sample ID: 890-9801-2

Date Collected: 04/17/26 08:35

Matrix: Solid

Date Received: 04/17/26 14:19

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	138869	04/24/26 11:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138843	04/24/26 19:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139065	04/24/26 19:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			138867	04/23/26 22:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138249	04/19/26 17:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138693	04/23/26 22:34	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	138338	04/20/26 15:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138500	04/22/26 01:15	CS	EET MID

Client Sample ID: S-1 (2)

Lab Sample ID: 890-9801-3

Date Collected: 04/17/26 08:37

Matrix: Solid

Date Received: 04/17/26 14:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	138869	04/24/26 11:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138843	04/24/26 20:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139065	04/24/26 20:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			138867	04/23/26 22:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	138249	04/19/26 17:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138693	04/23/26 22:50	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	138340	04/20/26 15:14	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138501	04/22/26 00:27	CS	EET MID

Client Sample ID: S-1 (3)

Lab Sample ID: 890-9801-4

Date Collected: 04/17/26 08:40

Matrix: Solid

Date Received: 04/17/26 14:19

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	138869	04/24/26 11:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138843	04/24/26 20:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139065	04/24/26 20:32	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Shiprock 5 fed com CTB

Job ID: 890-9801-1
 SDG: Lea County New Mexico

Client Sample ID: S-1 (3)

Lab Sample ID: 890-9801-4

Date Collected: 04/17/26 08:40

Matrix: Solid

Date Received: 04/17/26 14:19

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			138867	04/23/26 23:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138249	04/19/26 17:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138693	04/23/26 23:05	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	138340	04/20/26 15:14	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138501	04/22/26 00:42	CS	EET MID

Client Sample ID: S-1 (4)

Lab Sample ID: 890-9801-5

Date Collected: 04/17/26 08:44

Matrix: Solid

Date Received: 04/17/26 14:19

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	138869	04/24/26 11:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138843	04/24/26 20:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139065	04/24/26 20:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			138867	04/23/26 23:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138249	04/19/26 17:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138693	04/23/26 23:20	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	138340	04/20/26 15:14	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138501	04/22/26 00:47	CS	EET MID

Client Sample ID: S-1 (5)

Lab Sample ID: 890-9801-6

Date Collected: 04/17/26 08:48

Matrix: Solid

Date Received: 04/17/26 14:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	138869	04/24/26 11:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138843	04/24/26 21:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139065	04/24/26 21:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			138867	04/23/26 23:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	138249	04/19/26 17:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138693	04/23/26 23:35	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138340	04/20/26 15:14	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138501	04/22/26 00:53	CS	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: Shiprock 5 fed com CTB

Job ID: 890-9801-1
 SDG: Lea 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	06-30-26

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
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
 Project/Site: Shiprock 5 fed com CTB

Job ID: 890-9801-1
 SDG: Lea 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: Shiprock 5 fed com CTB

Job ID: 890-9801-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9801-1	S-1 (0-1)	Solid	04/17/26 08:30	04/17/26 14:19	Texas
890-9801-2	S-1 (1.5)	Solid	04/17/26 08:35	04/17/26 14:19	Texas
890-9801-3	S-1 (2)	Solid	04/17/26 08:37	04/17/26 14:19	Texas
890-9801-4	S-1 (3)	Solid	04/17/26 08:40	04/17/26 14:19	Texas
890-9801-5	S-1 (4)	Solid	04/17/26 08:44	04/17/26 14:19	Texas
890-9801-6	S-1 (5)	Solid	04/17/26 08:48	04/17/26 14:19	Texas

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Chain of Custody



890-9801 Chain of Custody

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Project Manager: **Conner Moehring** Hadlie Stout
 Company Name: **Carmona Resources** EOG Resources
 Address: **310 W Wall St Ste 500** 5509 Champions Dr
 City, State ZIP: **Midland, TX 79701** Midland, TX 79706
 Phone: **(432) 813-6823** Email: **Hadlie_Stout@eogresources.com**

Bill to: (if different) Hadlie Stout
 Company Name: EOG Resources
 Address: 5509 Champions Dr
 City, State ZIP: Midland, TX 79706
 Email: Hadlie_Stout@eogresources.com

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

Project Name: Shiprock 5 Fed Com CTB
Project Number: 3223
Project Location: Lea County, New Mexico
Sampler's Name: JDC

Turn Around
 Routine Rush
 Due Date: Standard

Temp Blank: Yes No Wet loc: Yes No
Thermometer ID: *7100007*
Correction Factor: *-0.2*
Temperature Reading: *13.6*
Corrected Temperature:

Sample Identification	Date	Soll	Water	Grab/Comp	# of Cont	Parameters		Pres. Code	ANALYSIS REQUEST		Preservative Codes
						Soil	Water		TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	
S-1 (0-1')	4/17/2026	X		G	1	X	X		X		None: NO DI Water: H ₂ O
S-1 (1.5')	4/17/2026	X		G	1	X	X		X		Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na
S-1 (2')	4/17/2026	X		G	1	X	X		X		H ₃ PO ₄ : HP NaHSO ₄ : NABIS
S-1 (3')	4/17/2026	X		G	1	X	X		X		Na ₂ S ₂ O ₃ : NaSO ₃
S-1 (4')	4/17/2026	X		G	1	X	X		X		Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
S-1 (5')	4/17/2026	X		G	1	X	X		X		

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

Relinquished by: (Signature) *[Signature]* Date/Time
 Received by: (Signature) *[Signature]* Date/Time **4/27/2026**



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Eurofins Carlsbad
1089 N Canal St
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Client Information (Sub Contract Lab)

Client Contact:
Shipping/Receiving:
Company: Eurofins Environment Testing South Cent
Address: 1211 W. Florida Ave.
City: Midland
State, Zip: TX, 79701
Phone: 432-704-5440(Tel)
Email: N/A
Project Name: Shiprock 5 fed com CTB
Site: N/A
SSOW#: N/A

Sampler: N/A
Phone: N/A
Due Date Requested: 4/23/2026
TAT Requested (days): N/A

Lab PM: Kramer, Jessica
E-Mail: Jessica.Kramer@el.eurofins.com
Accreditations Required (See note): NELAP - Texas

Carrier Tracking No(s): N/A
State of Origin: Texas

COC No: 890-6820-1
Page: Page 1 of 1
Job #: 890-9801-1
Preservation Codes:

Sample Identification - Client ID (Lab ID)

Sample ID	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=Soil, O=Overstool, BI=Trsam, AA=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested	Total Number of containers	Special Instructions/Note:
S-1 (0-1) (890-9801-1)	4/17/26	08:30	G	Solid	X	X	8021B/5035FP_CalcBTEX Total_BTEX_GCV 8015MOD_Calc 8015MOD_NM/8015NM_S_PrepFull TPH 300_ORGFM_28D/DI_LEACHChloride	1	
S-1 (1.5) (890-9801-2)	4/17/26	08:35	G	Solid	X	X		1	
S-1 (2) (890-9801-3)	4/17/26	08:37	G	Solid	X	X		1	
S-1 (3) (890-9801-4)	4/17/26	08:40	G	Solid	X	X		1	
S-1 (4) (890-9801-5)	4/17/26	08:44	G	Solid	X	X		1	
S-1 (5) (890-9801-6)	4/17/26	08:48	G	Solid	X	X		1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/estimation being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other institutions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification

Unconfirmed
Deliverable Requested: I, II, III, IV, Other (Specify) _____
Primary Deliverable Rank: 2
Special Instructions/OC Requirements: _____
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____

Relinquished by: *albert* Date/Time: _____ Company: _____ Received by: *albert* Date/Time: 4-20-26 8:00 Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____ Received by: _____ Date/Time: _____ Company: _____

Custody Seals Intact: Yes No
Custody Seal No.: _____
Cooler Temperature(s) °C and Other Remarks: _____

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9801-1
SDG Number: Lea County New Mexico

Login Number: 9801

List Number: 1

Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

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

Client: Carmona Resources

Job Number: 890-9801-1
SDG Number: Lea County New Mexico

Login Number: 9801

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 04/19/26 03:38 PM

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 4/28/2026 2:08:31 PM

JOB DESCRIPTION

Shiprock 5 Fed Com CTB
 Lea County New Mexico

JOB NUMBER

890-9800-1

Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad NM 88220



Eurofins Carlsbad

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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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: Shiprock 5 Fed Com CTB

Laboratory Job ID: 890-9800-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Shiprock 5 Fed Com CTB

Job ID: 890-9800-1
SDG: Lea 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
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: Shiprock 5 Fed Com CTB

Job ID: 890-9800-1

Job ID: 890-9800-1

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Job Narrative 890-9800-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 4/17/2026 2:16 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 -3.6°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5) (890-9800-1), H-2 (0-0.5) (890-9800-2), H-3 (0-0.5) (890-9800-3), H-4 (0-0.5) (890-9800-4) and H-5 (0-0.5) (890-9800-5).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: H-1 (0-0.5) (890-9800-1), H-2 (0-0.5) (890-9800-2), H-3 (0-0.5) (890-9800-3), H-4 (0-0.5) (890-9800-4), H-5 (0-0.5) (890-9800-5), (CCV 880-139056/20), (CCV 880-139056/33), (880-71207-A-11-F), (880-71207-A-11-D MS) and (880-71207-A-11-E MSD). Evidence of matrix interferences is not obvious.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-139128 and analytical batch 880-139056 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

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: Shiprock 5 Fed Com CTB

Job ID: 890-9800-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 890-9800-1

Date Collected: 04/17/26 09:11

Matrix: Solid

Date Received: 04/17/26 14:16

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		04/27/26 15:23	04/28/26 01:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/27/26 15:23	04/28/26 01:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/27/26 15:23	04/28/26 01:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/27/26 15:23	04/28/26 01:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/27/26 15:23	04/28/26 01:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/27/26 15:23	04/28/26 01:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130	04/27/26 15:23	04/28/26 01:10	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/27/26 15:23	04/28/26 01:10	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			04/28/26 01:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/23/26 20:48	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	<50.1	U	50.1		mg/Kg		04/19/26 17:45	04/23/26 20:48	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/19/26 17:45	04/23/26 20:48	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:45	04/23/26 20:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	04/19/26 17:45	04/23/26 20:48	1
o-Terphenyl	86		70 - 130	04/19/26 17:45	04/23/26 20:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118		10.1		mg/Kg			04/22/26 00:46	1

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

Lab Sample ID: 890-9800-2

Date Collected: 04/17/26 09:15

Matrix: Solid

Date Received: 04/17/26 14:16

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		04/27/26 15:23	04/28/26 01:30	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/27/26 15:23	04/28/26 01:30	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/27/26 15:23	04/28/26 01:30	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/27/26 15:23	04/28/26 01:30	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/27/26 15:23	04/28/26 01:30	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/27/26 15:23	04/28/26 01:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130	04/27/26 15:23	04/28/26 01:30	1
1,4-Difluorobenzene (Surr)	93		70 - 130	04/27/26 15:23	04/28/26 01:30	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Shiprock 5 Fed Com CTB

Job ID: 890-9800-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 890-9800-2

Date Collected: 04/17/26 09:15

Matrix: Solid

Date Received: 04/17/26 14:16

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/28/26 01:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/23/26 21:03	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	<50.1	U	50.1		mg/Kg		04/19/26 17:45	04/23/26 21:03	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/19/26 17:45	04/23/26 21:03	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/19/26 17:45	04/23/26 21:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				04/19/26 17:45	04/23/26 21:03	1
o-Terphenyl	86		70 - 130				04/19/26 17:45	04/23/26 21:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.0		9.94		mg/Kg			04/22/26 00:50	1

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

Lab Sample ID: 890-9800-3

Date Collected: 04/17/26 09:21

Matrix: Solid

Date Received: 04/17/26 14:16

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		04/27/26 15:23	04/28/26 01:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/27/26 15:23	04/28/26 01:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/27/26 15:23	04/28/26 01:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/27/26 15:23	04/28/26 01:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/27/26 15:23	04/28/26 01:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/27/26 15:23	04/28/26 01:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130				04/27/26 15:23	04/28/26 01:51	1
1,4-Difluorobenzene (Surr)	93		70 - 130				04/27/26 15:23	04/28/26 01:51	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			04/28/26 01:51	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			04/23/26 21:18	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		04/19/26 17:45	04/23/26 21:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/19/26 17:45	04/23/26 21:18	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Shiprock 5 Fed Com CTB

Job ID: 890-9800-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 890-9800-3

Date Collected: 04/17/26 09:21

Matrix: Solid

Date Received: 04/17/26 14:16

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		04/19/26 17:45	04/23/26 21:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				04/19/26 17:45	04/23/26 21:18	1
o-Terphenyl	80		70 - 130				04/19/26 17:45	04/23/26 21:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	201		9.92		mg/Kg			04/22/26 00:55	1

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

Lab Sample ID: 890-9800-4

Date Collected: 04/17/26 09:26

Matrix: Solid

Date Received: 04/17/26 14:16

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		04/27/26 15:23	04/28/26 02:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/27/26 15:23	04/28/26 02:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/27/26 15:23	04/28/26 02:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/27/26 15:23	04/28/26 02:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/27/26 15:23	04/28/26 02:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/27/26 15:23	04/28/26 02:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130				04/27/26 15:23	04/28/26 02:11	1
1,4-Difluorobenzene (Surr)	92		70 - 130				04/27/26 15:23	04/28/26 02:11	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			04/28/26 02:11	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			04/23/26 21:34	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	<50.0	U	50.0		mg/Kg		04/19/26 17:45	04/23/26 21:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/19/26 17:45	04/23/26 21:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:45	04/23/26 21:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				04/19/26 17:45	04/23/26 21:34	1
o-Terphenyl	78		70 - 130				04/19/26 17:45	04/23/26 21:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.6		9.92		mg/Kg			04/22/26 01:00	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Shiprock 5 Fed Com CTB

Job ID: 890-9800-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 890-9800-5

Date Collected: 04/17/26 09:31

Matrix: Solid

Date Received: 04/17/26 14:16

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		04/27/26 15:23	04/28/26 02:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/27/26 15:23	04/28/26 02:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/27/26 15:23	04/28/26 02:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/27/26 15:23	04/28/26 02:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/27/26 15:23	04/28/26 02:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/27/26 15:23	04/28/26 02:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130	04/27/26 15:23	04/28/26 02:32	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/27/26 15:23	04/28/26 02:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/28/26 02:32	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			04/23/26 22:04	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	<49.9	U	49.9		mg/Kg		04/19/26 17:45	04/23/26 22:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/19/26 17:45	04/23/26 22:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/19/26 17:45	04/23/26 22:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130	04/19/26 17:45	04/23/26 22:04	1
o-Terphenyl	75		70 - 130	04/19/26 17:45	04/23/26 22:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	117		10.0		mg/Kg			04/22/26 01:05	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Shiprock 5 Fed Com CTB

Job ID: 890-9800-1
SDG: Lea 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)
880-71207-A-11-D MS	Matrix Spike	135 S1+	94
880-71207-A-11-E MSD	Matrix Spike Duplicate	134 S1+	91
890-9800-1	H-1 (0-0.5)	150 S1+	94
890-9800-2	H-2 (0-0.5)	138 S1+	93
890-9800-3	H-3 (0-0.5)	150 S1+	93
890-9800-4	H-4 (0-0.5)	149 S1+	92
890-9800-5	H-5 (0-0.5)	155 S1+	94
LCS 880-139128/1-A	Lab Control Sample	117	82
LCS 880-139128/2-A	Lab Control Sample Dup	124	81
MB 880-139128/5-A	Method Blank	138 S1+	87

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)
890-9798-A-2-B MS	Matrix Spike	85	84
890-9798-A-2-C MSD	Matrix Spike Duplicate	86	83
890-9800-1	H-1 (0-0.5)	88	86
890-9800-2	H-2 (0-0.5)	92	86
890-9800-3	H-3 (0-0.5)	90	80
890-9800-4	H-4 (0-0.5)	85	78
890-9800-5	H-5 (0-0.5)	79	75
LCS 880-138249/2-A	Lab Control Sample	75	79
LCS 880-138249/3-A	Lab Control Sample Dup	77	81
MB 880-138249/1-A	Method Blank	82	79

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
 Project/Site: Shiprock 5 Fed Com CTB

Job ID: 890-9800-1
 SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-139128/5-A
 Matrix: Solid
 Analysis Batch: 139056

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 139128

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/27/26 15:23	04/27/26 18:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/27/26 15:23	04/27/26 18:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/27/26 15:23	04/27/26 18:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/27/26 15:23	04/27/26 18:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/27/26 15:23	04/27/26 18:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/27/26 15:23	04/27/26 18:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130	04/27/26 15:23	04/27/26 18:27	1
1,4-Difluorobenzene (Surr)	87		70 - 130	04/27/26 15:23	04/27/26 18:27	1

Lab Sample ID: LCS 880-139128/1-A
 Matrix: Solid
 Analysis Batch: 139056

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 139128

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1082		mg/Kg		108	70 - 130
Toluene	0.100	0.1033		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1034		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	0.200	0.2010		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1026		mg/Kg		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	82		70 - 130

Lab Sample ID: LCSD 880-139128/2-A
 Matrix: Solid
 Analysis Batch: 139056

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 139128

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1110		mg/Kg		111	70 - 130	3	35
Toluene	0.100	0.1047		mg/Kg		105	70 - 130	1	35
Ethylbenzene	0.100	0.1089		mg/Kg		109	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2112		mg/Kg		106	70 - 130	5	35
o-Xylene	0.100	0.1057		mg/Kg		106	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	124		70 - 130
1,4-Difluorobenzene (Surr)	81		70 - 130

Lab Sample ID: 880-71207-A-11-D MS
 Matrix: Solid
 Analysis Batch: 139056

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 139128

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1152		mg/Kg		115	70 - 130
Toluene	<0.00200	U	0.100	0.1083		mg/Kg		108	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Shiprock 5 Fed Com CTB

Job ID: 890-9800-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-71207-A-11-D MS
 Matrix: Solid
 Analysis Batch: 139056

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 139128

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.1122		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2157		mg/Kg		108	70 - 130
o-Xylene	<0.00200	U	0.100	0.1105		mg/Kg		110	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-71207-A-11-E MSD
 Matrix: Solid
 Analysis Batch: 139056

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 139128

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1149		mg/Kg		115	70 - 130	0	35
Toluene	<0.00200	U	0.100	0.1093		mg/Kg		109	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.100	0.1132		mg/Kg		113	70 - 130	1	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2194		mg/Kg		110	70 - 130	2	35
o-Xylene	<0.00200	U	0.100	0.1122		mg/Kg		112	70 - 130	2	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

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

Lab Sample ID: MB 880-138249/1-A
 Matrix: Solid
 Analysis Batch: 138693

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 138249

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		04/19/26 17:45	04/23/26 17:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/19/26 17:45	04/23/26 17:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:45	04/23/26 17:06	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	04/19/26 17:45	04/23/26 17:06	1
o-Terphenyl	79		70 - 130	04/19/26 17:45	04/23/26 17:06	1

Lab Sample ID: LCS 880-138249/2-A
 Matrix: Solid
 Analysis Batch: 138693

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 138249

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	801.4		mg/Kg		80	70 - 130
Diesel Range Organics (Over C10-C28)	1000	828.6		mg/Kg		83	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Shiprock 5 Fed Com CTB

Job ID: 890-9800-1
 SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-138249/2-A
Matrix: Solid
Analysis Batch: 138693

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138249

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	75		70 - 130
o-Terphenyl	79		70 - 130

Lab Sample ID: LCSD 880-138249/3-A
Matrix: Solid
Analysis Batch: 138693

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138249

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	813.8		mg/Kg		81	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	1000	842.9		mg/Kg		84	70 - 130	2	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	77		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-9798-A-2-B MS
Matrix: Solid
Analysis Batch: 138693

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 138249

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	999	908.0		mg/Kg		91	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.1	U	999	895.2		mg/Kg		90	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	85		70 - 130
o-Terphenyl	84		70 - 130

Lab Sample ID: 890-9798-A-2-C MSD
Matrix: Solid
Analysis Batch: 138693

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 138249

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	999	921.1		mg/Kg		92	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)	<50.1	U	999	917.8		mg/Kg		92	70 - 130	2	20	

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	86		70 - 130
o-Terphenyl	83		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Shiprock 5 Fed Com CTB

Job ID: 890-9800-1
 SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-138338/1-A
 Matrix: Solid
 Analysis Batch: 138500

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			04/21/26 22:50	1

Lab Sample ID: LCS 880-138338/2-A
 Matrix: Solid
 Analysis Batch: 138500

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	259.2		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-138338/3-A
 Matrix: Solid
 Analysis Batch: 138500

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	261.7		mg/Kg		105	90 - 110	1	20

Lab Sample ID: 890-9798-A-5-C MS
 Matrix: Solid
 Analysis Batch: 138500

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	377		248	622.8		mg/Kg		99	90 - 110

Lab Sample ID: 890-9798-A-5-D MSD
 Matrix: Solid
 Analysis Batch: 138500

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	377		248	623.1		mg/Kg		99	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
 Project/Site: Shiprock 5 Fed Com CTB

Job ID: 890-9800-1
 SDG: Lea County New Mexico

GC VOA

Analysis Batch: 139056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9800-1	H-1 (0-0.5)	Total/NA	Solid	8021B	139128
890-9800-2	H-2 (0-0.5)	Total/NA	Solid	8021B	139128
890-9800-3	H-3 (0-0.5)	Total/NA	Solid	8021B	139128
890-9800-4	H-4 (0-0.5)	Total/NA	Solid	8021B	139128
890-9800-5	H-5 (0-0.5)	Total/NA	Solid	8021B	139128
MB 880-139128/5-A	Method Blank	Total/NA	Solid	8021B	139128
LCS 880-139128/1-A	Lab Control Sample	Total/NA	Solid	8021B	139128
LCSD 880-139128/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	139128
880-71207-A-11-D MS	Matrix Spike	Total/NA	Solid	8021B	139128
880-71207-A-11-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	139128

Prep Batch: 139128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9800-1	H-1 (0-0.5)	Total/NA	Solid	5035	
890-9800-2	H-2 (0-0.5)	Total/NA	Solid	5035	
890-9800-3	H-3 (0-0.5)	Total/NA	Solid	5035	
890-9800-4	H-4 (0-0.5)	Total/NA	Solid	5035	
890-9800-5	H-5 (0-0.5)	Total/NA	Solid	5035	
MB 880-139128/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-139128/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-139128/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-71207-A-11-D MS	Matrix Spike	Total/NA	Solid	5035	
880-71207-A-11-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 139248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9800-1	H-1 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9800-2	H-2 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9800-3	H-3 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9800-4	H-4 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9800-5	H-5 (0-0.5)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 138249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9800-1	H-1 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9800-2	H-2 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9800-3	H-3 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9800-4	H-4 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9800-5	H-5 (0-0.5)	Total/NA	Solid	8015NM Prep	
MB 880-138249/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138249/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138249/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9798-A-2-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9798-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 138693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9800-1	H-1 (0-0.5)	Total/NA	Solid	8015B NM	138249
890-9800-2	H-2 (0-0.5)	Total/NA	Solid	8015B NM	138249

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QC Association Summary

Client: Carmona Resources
 Project/Site: Shiprock 5 Fed Com CTB

Job ID: 890-9800-1
 SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 138693 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9800-3	H-3 (0-0.5)	Total/NA	Solid	8015B NM	138249
890-9800-4	H-4 (0-0.5)	Total/NA	Solid	8015B NM	138249
890-9800-5	H-5 (0-0.5)	Total/NA	Solid	8015B NM	138249
MB 880-138249/1-A	Method Blank	Total/NA	Solid	8015B NM	138249
LCS 880-138249/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138249
LCSD 880-138249/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138249
890-9798-A-2-B MS	Matrix Spike	Total/NA	Solid	8015B NM	138249
890-9798-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	138249

Analysis Batch: 138866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9800-1	H-1 (0-0.5)	Total/NA	Solid	8015 NM	
890-9800-2	H-2 (0-0.5)	Total/NA	Solid	8015 NM	
890-9800-3	H-3 (0-0.5)	Total/NA	Solid	8015 NM	
890-9800-4	H-4 (0-0.5)	Total/NA	Solid	8015 NM	
890-9800-5	H-5 (0-0.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 138338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9800-1	H-1 (0-0.5)	Soluble	Solid	DI Leach	
890-9800-2	H-2 (0-0.5)	Soluble	Solid	DI Leach	
890-9800-3	H-3 (0-0.5)	Soluble	Solid	DI Leach	
890-9800-4	H-4 (0-0.5)	Soluble	Solid	DI Leach	
890-9800-5	H-5 (0-0.5)	Soluble	Solid	DI Leach	
MB 880-138338/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138338/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138338/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9798-A-5-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9798-A-5-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 138500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9800-1	H-1 (0-0.5)	Soluble	Solid	300.0	138338
890-9800-2	H-2 (0-0.5)	Soluble	Solid	300.0	138338
890-9800-3	H-3 (0-0.5)	Soluble	Solid	300.0	138338
890-9800-4	H-4 (0-0.5)	Soluble	Solid	300.0	138338
890-9800-5	H-5 (0-0.5)	Soluble	Solid	300.0	138338
MB 880-138338/1-A	Method Blank	Soluble	Solid	300.0	138338
LCS 880-138338/2-A	Lab Control Sample	Soluble	Solid	300.0	138338
LCSD 880-138338/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138338
890-9798-A-5-C MS	Matrix Spike	Soluble	Solid	300.0	138338
890-9798-A-5-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	138338

Lab Chronicle

Client: Carmona Resources
 Project/Site: Shiprock 5 Fed Com CTB

Job ID: 890-9800-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 890-9800-1

Date Collected: 04/17/26 09:11

Matrix: Solid

Date Received: 04/17/26 14:16

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	139128	04/27/26 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139056	04/28/26 01:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139248	04/28/26 01:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			138866	04/23/26 20:48	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	138249	04/19/26 17:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138693	04/23/26 20:48	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	138338	04/20/26 15:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138500	04/22/26 00:46	CS	EET MID

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

Lab Sample ID: 890-9800-2

Date Collected: 04/17/26 09:15

Matrix: Solid

Date Received: 04/17/26 14:16

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	139128	04/27/26 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139056	04/28/26 01:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139248	04/28/26 01:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			138866	04/23/26 21:03	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	138249	04/19/26 17:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138693	04/23/26 21:03	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	138338	04/20/26 15:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138500	04/22/26 00:50	CS	EET MID

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

Lab Sample ID: 890-9800-3

Date Collected: 04/17/26 09:21

Matrix: Solid

Date Received: 04/17/26 14:16

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	139128	04/27/26 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139056	04/28/26 01:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139248	04/28/26 01:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			138866	04/23/26 21:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138249	04/19/26 17:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138693	04/23/26 21:18	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138338	04/20/26 15:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138500	04/22/26 00:55	CS	EET MID

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

Lab Sample ID: 890-9800-4

Date Collected: 04/17/26 09:26

Matrix: Solid

Date Received: 04/17/26 14:16

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	139128	04/27/26 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139056	04/28/26 02:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139248	04/28/26 02:11	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Shiprock 5 Fed Com CTB

Job ID: 890-9800-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 890-9800-4

Date Collected: 04/17/26 09:26

Matrix: Solid

Date Received: 04/17/26 14:16

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			138866	04/23/26 21:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138249	04/19/26 17:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138693	04/23/26 21:34	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138338	04/20/26 15:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138500	04/22/26 01:00	CS	EET MID

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

Lab Sample ID: 890-9800-5

Date Collected: 04/17/26 09:31

Matrix: Solid

Date Received: 04/17/26 14:16

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	139128	04/27/26 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139056	04/28/26 02:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139248	04/28/26 02:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			138866	04/23/26 22:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138249	04/19/26 17:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138693	04/23/26 22:04	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	138338	04/20/26 15:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138500	04/22/26 01:05	CS	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: Shiprock 5 Fed Com CTB

Job ID: 890-9800-1
 SDG: Lea 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	06-30-26

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
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

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Method Summary

Client: Carmona Resources
Project/Site: Shiprock 5 Fed Com CTB

Job ID: 890-9800-1
SDG: Lea 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: Shiprock 5 Fed Com CTB

Job ID: 890-9800-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9800-1	H-1 (0-0.5)	Solid	04/17/26 09:11	04/17/26 14:16	Texas
890-9800-2	H-2 (0-0.5)	Solid	04/17/26 09:15	04/17/26 14:16	Texas
890-9800-3	H-3 (0-0.5)	Solid	04/17/26 09:21	04/17/26 14:16	Texas
890-9800-4	H-4 (0-0.5)	Solid	04/17/26 09:26	04/17/26 14:16	Texas
890-9800-5	H-5 (0-0.5)	Solid	04/17/26 09:31	04/17/26 14:16	Texas

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Chain of Custody



Page 1 of 1

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: **Hadlie_Stout@eoqresources.com**

Bill to: (if different)
 Company Name: **Hadlie Stout**
 Address: **EOG Resources**
 City, State ZIP: **5509 Champions Dr Midland, TX 79706**

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

Project Name:		Shiprock 5 Fed Com CTB		Turn Around		Pres. Code		ANALYSIS REQUEST		Preservative Codes	
Project Number:	Project Location	Sampler's Name:	PO #:	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush	Due Date:	Standard	Parameters	Grab/Comp	# of Cont	Sample Comments
3223	Lea County, New Mexico	JDC									
Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID: Thermo 7		Correction Factor: -0.2		Temperature Reading: 3.5		Corrected Temperature: -3.6	
Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont						
H-1 (0-0.5')	4/17/2026 9:11 AM	X		G	1	BTEX 8021B					
H-2 (0-0.5')	4/17/2026 9:15 AM	X		G	1	TPH 8015M (GRO + DRO + MRO)					
H-3 (0-0.5')	4/17/2026 9:21 AM	X		G	1	Chloride 300.0					
H-4 (0-0.5')	4/17/2026 9:26 AM	X		G	1						
H-5 (0-0.5')	4/17/2026 9:31 AM	X		G	1						

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

Relinquished by: (Signature) *[Signature]* Date/Time

Received by: (Signature) *[Signature]* Date/Time **4/19/2026**



Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9800-1
SDG Number: Lea County New Mexico

Login Number: 9800

List Number: 1

Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

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

Client: Carmona Resources

Job Number: 890-9800-1
SDG Number: Lea County New Mexico

Login Number: 9800
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 04/19/26 03:38 PM

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 5/21/2026 1:33:10 PM

JOB DESCRIPTION

Shiprock 5 Fed Com CTB
 Lea County New Mexico

JOB NUMBER

880-72549-1

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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5/21/2026 1:33:10 PM

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

Client: Carmona Resources
Project/Site: Shiprock 5 Fed Com CTB

Laboratory Job ID: 880-72549-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Shiprock 5 Fed Com CTB

Job ID: 880-72549-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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: Shiprock 5 Fed Com CTB

Job ID: 880-72549-1

Job ID: 880-72549-1

Eurofins Midland

Job Narrative 880-72549-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 5/20/2026 9:06 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 -7.6°C.

GC VOA

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

Diesel Range Organics

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

HPLC/IC

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

Eurofins Midland



Client Sample Results

Client: Carmona Resources
 Project/Site: Shiprock 5 Fed Com CTB

Job ID: 880-72549-1
 SDG: Lea County New Mexico

Client Sample ID: CS-1 (1.5')

Lab Sample ID: 880-72549-1

Date Collected: 05/19/26 11:00

Matrix: Solid

Date Received: 05/20/26 09:06

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		05/21/26 08:27	05/21/26 10:22	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		05/21/26 08:27	05/21/26 10:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/21/26 08:27	05/21/26 10:22	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/21/26 08:27	05/21/26 10:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/21/26 08:27	05/21/26 10:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/21/26 08:27	05/21/26 10:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	05/21/26 08:27	05/21/26 10:22	1
1,4-Difluorobenzene (Surr)	91		70 - 130	05/21/26 08:27	05/21/26 10:22	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			05/21/26 10:22	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			05/21/26 03:55	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		05/20/26 08:17	05/21/26 03:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/20/26 08:17	05/21/26 03:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/20/26 08:17	05/21/26 03:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	05/20/26 08:17	05/21/26 03:55	1
o-Terphenyl	90		70 - 130	05/20/26 08:17	05/21/26 03:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.9		10.0		mg/Kg			05/21/26 09:22	1

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-72549-2

Date Collected: 05/19/26 11:05

Matrix: Solid

Date Received: 05/20/26 09:06

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		05/21/26 08:27	05/21/26 10:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/21/26 08:27	05/21/26 10:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/21/26 08:27	05/21/26 10:42	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/21/26 08:27	05/21/26 10:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/21/26 08:27	05/21/26 10:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/21/26 08:27	05/21/26 10:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	05/21/26 08:27	05/21/26 10:42	1
1,4-Difluorobenzene (Surr)	90		70 - 130	05/21/26 08:27	05/21/26 10:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Shiprock 5 Fed Com CTB

Job ID: 880-72549-1
 SDG: Lea County New Mexico

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-72549-2

Date Collected: 05/19/26 11:05

Matrix: Solid

Date Received: 05/20/26 09:06

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			05/21/26 10:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/21/26 04:10	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		05/20/26 08:17	05/21/26 04:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/20/26 08:17	05/21/26 04:10	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/20/26 08:17	05/21/26 04:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				05/20/26 08:17	05/21/26 04:10	1
o-Terphenyl	88		70 - 130				05/20/26 08:17	05/21/26 04:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	64.8		10.1		mg/Kg			05/21/26 09:37	1

Client Sample ID: SW-1 (1.5')

Lab Sample ID: 880-72549-3

Date Collected: 05/19/26 11:10

Matrix: Solid

Date Received: 05/20/26 09:06

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		05/21/26 08:27	05/21/26 11:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/21/26 08:27	05/21/26 11:02	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/21/26 08:27	05/21/26 11:02	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/21/26 08:27	05/21/26 11:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/21/26 08:27	05/21/26 11:02	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/21/26 08:27	05/21/26 11:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				05/21/26 08:27	05/21/26 11:02	1
1,4-Difluorobenzene (Surr)	86		70 - 130				05/21/26 08:27	05/21/26 11:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/21/26 11:02	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			05/21/26 04:25	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		05/20/26 08:17	05/21/26 04:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/20/26 08:17	05/21/26 04:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Shiprock 5 Fed Com CTB

Job ID: 880-72549-1
 SDG: Lea County New Mexico

Client Sample ID: SW-1 (1.5')

Lab Sample ID: 880-72549-3

Date Collected: 05/19/26 11:10

Matrix: Solid

Date Received: 05/20/26 09:06

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		05/20/26 08:17	05/21/26 04:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				05/20/26 08:17	05/21/26 04:25	1
o-Terphenyl	80		70 - 130				05/20/26 08:17	05/21/26 04:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.7		10.1		mg/Kg			05/21/26 09:42	1

Client Sample ID: SW-2 (1.5')

Lab Sample ID: 880-72549-4

Date Collected: 05/19/26 11:15

Matrix: Solid

Date Received: 05/20/26 09:06

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		05/21/26 08:27	05/21/26 11:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/21/26 08:27	05/21/26 11:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/21/26 08:27	05/21/26 11:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/21/26 08:27	05/21/26 11:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/21/26 08:27	05/21/26 11:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/21/26 08:27	05/21/26 11:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				05/21/26 08:27	05/21/26 11:23	1
1,4-Difluorobenzene (Surr)	91		70 - 130				05/21/26 08:27	05/21/26 11:23	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			05/21/26 11:23	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			05/21/26 04:40	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		05/20/26 08:17	05/21/26 04:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/20/26 08:17	05/21/26 04:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/20/26 08:17	05/21/26 04:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				05/20/26 08:17	05/21/26 04:40	1
o-Terphenyl	79		70 - 130				05/20/26 08:17	05/21/26 04:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.5		9.96		mg/Kg			05/21/26 09:47	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Shiprock 5 Fed Com CTB

Job ID: 880-72549-1
SDG: Lea County New Mexico

Client Sample ID: SW-3 (1.5')

Lab Sample ID: 880-72549-5

Date Collected: 05/19/26 11:20

Matrix: Solid

Date Received: 05/20/26 09:06

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		05/21/26 08:27	05/21/26 11:43	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/21/26 08:27	05/21/26 11:43	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/21/26 08:27	05/21/26 11:43	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/21/26 08:27	05/21/26 11:43	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/21/26 08:27	05/21/26 11:43	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/21/26 08:27	05/21/26 11:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	05/21/26 08:27	05/21/26 11:43	1
1,4-Difluorobenzene (Surr)	87		70 - 130	05/21/26 08:27	05/21/26 11:43	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			05/21/26 11:43	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			05/21/26 04:56	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	<49.8	U	49.8		mg/Kg		05/20/26 08:17	05/21/26 04:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/20/26 08:17	05/21/26 04:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/20/26 08:17	05/21/26 04:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	05/20/26 08:17	05/21/26 04:56	1
o-Terphenyl	93		70 - 130	05/20/26 08:17	05/21/26 04:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.3		10.1		mg/Kg			05/21/26 09:52	1

Client Sample ID: SW-4 (1.5')

Lab Sample ID: 880-72549-6

Date Collected: 05/19/26 11:25

Matrix: Solid

Date Received: 05/20/26 09:06

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		05/21/26 08:27	05/21/26 12:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/21/26 08:27	05/21/26 12:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/21/26 08:27	05/21/26 12:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/21/26 08:27	05/21/26 12:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/21/26 08:27	05/21/26 12:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/21/26 08:27	05/21/26 12:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	05/21/26 08:27	05/21/26 12:04	1
1,4-Difluorobenzene (Surr)	89		70 - 130	05/21/26 08:27	05/21/26 12:04	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Shiprock 5 Fed Com CTB

Job ID: 880-72549-1
 SDG: Lea County New Mexico

Client Sample ID: SW-4 (1.5')

Lab Sample ID: 880-72549-6

Date Collected: 05/19/26 11:25

Matrix: Solid

Date Received: 05/20/26 09:06

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			05/21/26 12:04	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			05/21/26 05:11	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		05/20/26 08:17	05/21/26 05:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/20/26 08:17	05/21/26 05:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/20/26 08:17	05/21/26 05:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	05/20/26 08:17	05/21/26 05:11	1
o-Terphenyl	79		70 - 130	05/20/26 08:17	05/21/26 05:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.4		10.0		mg/Kg			05/21/26 10:07	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Shiprock 5 Fed Com CTB

Job ID: 880-72549-1
SDG: Lea 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)
880-72549-1	CS-1 (1.5')	123	91
880-72549-1 MS	CS-1 (1.5')	112	88
880-72549-1 MSD	CS-1 (1.5')	117	99
880-72549-2	CS-2 (1.5')	124	90
880-72549-3	SW-1 (1.5')	107	86
880-72549-4	SW-2 (1.5')	123	91
880-72549-5	SW-3 (1.5')	117	87
880-72549-6	SW-4 (1.5')	118	89
LCS 880-141411/1-A	Lab Control Sample	111	90
LCSD 880-141411/2-A	Lab Control Sample Dup	111	91
MB 880-141411/5-A	Method Blank	123	80

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)
880-72536-A-118-B MS	Matrix Spike	109	119
880-72536-A-118-C MSD	Matrix Spike Duplicate	107	114
880-72549-1	CS-1 (1.5')	95	90
880-72549-2	CS-2 (1.5')	95	88
880-72549-3	SW-1 (1.5')	85	80
880-72549-4	SW-2 (1.5')	88	79
880-72549-5	SW-3 (1.5')	98	93
880-72549-6	SW-4 (1.5')	87	79
LCS 880-141276/2-A	Lab Control Sample	112	118
LCSD 880-141276/3-A	Lab Control Sample Dup	111	118
MB 880-141276/1-A	Method Blank	84	78

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
 Project/Site: Shiprock 5 Fed Com CTB

Job ID: 880-72549-1
 SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-141411/5-A
 Matrix: Solid
 Analysis Batch: 141417

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 141411

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/21/26 08:27	05/21/26 10:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/21/26 08:27	05/21/26 10:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/21/26 08:27	05/21/26 10:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/21/26 08:27	05/21/26 10:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/21/26 08:27	05/21/26 10:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/21/26 08:27	05/21/26 10:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	05/21/26 08:27	05/21/26 10:00	1
1,4-Difluorobenzene (Surr)	80		70 - 130	05/21/26 08:27	05/21/26 10:00	1

Lab Sample ID: LCS 880-141411/1-A
 Matrix: Solid
 Analysis Batch: 141417

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 141411

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08496		mg/Kg		85	70 - 130
Toluene	0.100	0.07930		mg/Kg		79	70 - 130
Ethylbenzene	0.100	0.07933		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	0.200	0.1611		mg/Kg		81	70 - 130
o-Xylene	0.100	0.09053		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: LCSD 880-141411/2-A
 Matrix: Solid
 Analysis Batch: 141417

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 141411

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.08421		mg/Kg		84	70 - 130	1	35
Toluene	0.100	0.07716		mg/Kg		77	70 - 130	3	35
Ethylbenzene	0.100	0.08027		mg/Kg		80	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1623		mg/Kg		81	70 - 130	1	35
o-Xylene	0.100	0.08954		mg/Kg		90	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 880-72549-1 MS
 Matrix: Solid
 Analysis Batch: 141417

Client Sample ID: CS-1 (1.5')
 Prep Type: Total/NA
 Prep Batch: 141411

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07940		mg/Kg		79	70 - 130
Toluene	<0.00200	U F1	0.100	0.06738	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Shiprock 5 Fed Com CTB

Job ID: 880-72549-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-72549-1 MS
 Matrix: Solid
 Analysis Batch: 141417

Client Sample ID: CS-1 (1.5')
 Prep Type: Total/NA
 Prep Batch: 141411

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.07729		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1583		mg/Kg		79	70 - 130
o-Xylene	<0.00200	U	0.100	0.08872		mg/Kg		89	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	88		70 - 130

Lab Sample ID: 880-72549-1 MSD
 Matrix: Solid
 Analysis Batch: 141417

Client Sample ID: CS-1 (1.5')
 Prep Type: Total/NA
 Prep Batch: 141411

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08861		mg/Kg		89	70 - 130	11	35
Toluene	<0.00200	U F1	0.100	0.07503		mg/Kg		75	70 - 130	11	35
Ethylbenzene	<0.00200	U	0.100	0.08639		mg/Kg		86	70 - 130	11	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1772		mg/Kg		89	70 - 130	11	35
o-Xylene	<0.00200	U	0.100	0.09851		mg/Kg		99	70 - 130	10	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

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

Lab Sample ID: MB 880-141276/1-A
 Matrix: Solid
 Analysis Batch: 141304

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 141276

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		05/20/26 08:17	05/20/26 23:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/20/26 08:17	05/20/26 23:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/20/26 08:17	05/20/26 23:06	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	05/20/26 08:17	05/20/26 23:06	1
o-Terphenyl	78		70 - 130	05/20/26 08:17	05/20/26 23:06	1

Lab Sample ID: LCS 880-141276/2-A
 Matrix: Solid
 Analysis Batch: 141304

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 141276

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	890.9		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1010		mg/Kg		101	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Shiprock 5 Fed Com CTB

Job ID: 880-72549-1
 SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-141276/2-A
Matrix: Solid
Analysis Batch: 141304

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 141276

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	112		70 - 130
o-Terphenyl	118		70 - 130

Lab Sample ID: LCSD 880-141276/3-A
Matrix: Solid
Analysis Batch: 141304

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 141276

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	890.3		mg/Kg		89	70 - 130	0		20
Diesel Range Organics (Over C10-C28)	1000	1000		mg/Kg		100	70 - 130	1		20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	111		70 - 130
o-Terphenyl	118		70 - 130

Lab Sample ID: 880-72536-A-118-B MS
Matrix: Solid
Analysis Batch: 141304

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 141276

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	799.6		mg/Kg		79	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	999	922.5		mg/Kg		92	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	109		70 - 130
o-Terphenyl	119		70 - 130

Lab Sample ID: 880-72536-A-118-C MSD
Matrix: Solid
Analysis Batch: 141304

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 141276

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	789.0		mg/Kg		77	70 - 130	1		20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	884.8		mg/Kg		89	70 - 130	4		20

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	107		70 - 130
o-Terphenyl	114		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Shiprock 5 Fed Com CTB

Job ID: 880-72549-1
 SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-141362/1-A
 Matrix: Solid
 Analysis Batch: 141441

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			05/21/26 08:48	1

Lab Sample ID: LCS 880-141362/2-A
 Matrix: Solid
 Analysis Batch: 141441

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	238.1		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-141362/3-A
 Matrix: Solid
 Analysis Batch: 141441

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	245.4		mg/Kg		98	90 - 110	3	20

Lab Sample ID: 880-72549-1 MS
 Matrix: Solid
 Analysis Batch: 141441

Client Sample ID: CS-1 (1.5')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	27.9		250	264.7		mg/Kg		95	90 - 110

Lab Sample ID: 880-72549-1 MSD
 Matrix: Solid
 Analysis Batch: 141441

Client Sample ID: CS-1 (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	27.9		250	270.3		mg/Kg		97	90 - 110	2	20

QC Association Summary

Client: Carmona Resources
 Project/Site: Shiprock 5 Fed Com CTB

Job ID: 880-72549-1
 SDG: Lea County New Mexico

GC VOA

Prep Batch: 141411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72549-1	CS-1 (1.5')	Total/NA	Solid	5035	
880-72549-2	CS-2 (1.5')	Total/NA	Solid	5035	
880-72549-3	SW-1 (1.5')	Total/NA	Solid	5035	
880-72549-4	SW-2 (1.5')	Total/NA	Solid	5035	
880-72549-5	SW-3 (1.5')	Total/NA	Solid	5035	
880-72549-6	SW-4 (1.5')	Total/NA	Solid	5035	
MB 880-141411/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-141411/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-141411/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-72549-1 MS	CS-1 (1.5')	Total/NA	Solid	5035	
880-72549-1 MSD	CS-1 (1.5')	Total/NA	Solid	5035	

Analysis Batch: 141417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72549-1	CS-1 (1.5')	Total/NA	Solid	8021B	141411
880-72549-2	CS-2 (1.5')	Total/NA	Solid	8021B	141411
880-72549-3	SW-1 (1.5')	Total/NA	Solid	8021B	141411
880-72549-4	SW-2 (1.5')	Total/NA	Solid	8021B	141411
880-72549-5	SW-3 (1.5')	Total/NA	Solid	8021B	141411
880-72549-6	SW-4 (1.5')	Total/NA	Solid	8021B	141411
MB 880-141411/5-A	Method Blank	Total/NA	Solid	8021B	141411
LCS 880-141411/1-A	Lab Control Sample	Total/NA	Solid	8021B	141411
LCSD 880-141411/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	141411
880-72549-1 MS	CS-1 (1.5')	Total/NA	Solid	8021B	141411
880-72549-1 MSD	CS-1 (1.5')	Total/NA	Solid	8021B	141411

Analysis Batch: 141478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72549-1	CS-1 (1.5')	Total/NA	Solid	Total BTEX	
880-72549-2	CS-2 (1.5')	Total/NA	Solid	Total BTEX	
880-72549-3	SW-1 (1.5')	Total/NA	Solid	Total BTEX	
880-72549-4	SW-2 (1.5')	Total/NA	Solid	Total BTEX	
880-72549-5	SW-3 (1.5')	Total/NA	Solid	Total BTEX	
880-72549-6	SW-4 (1.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 141276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72549-1	CS-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-72549-2	CS-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-72549-3	SW-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-72549-4	SW-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-72549-5	SW-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-72549-6	SW-4 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-141276/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-141276/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-141276/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-72536-A-118-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-72536-A-118-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Shiprock 5 Fed Com CTB

Job ID: 880-72549-1
 SDG: Lea County New Mexico

GC Semi VOA

Analysis Batch: 141304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72549-1	CS-1 (1.5')	Total/NA	Solid	8015B NM	141276
880-72549-2	CS-2 (1.5')	Total/NA	Solid	8015B NM	141276
880-72549-3	SW-1 (1.5')	Total/NA	Solid	8015B NM	141276
880-72549-4	SW-2 (1.5')	Total/NA	Solid	8015B NM	141276
880-72549-5	SW-3 (1.5')	Total/NA	Solid	8015B NM	141276
880-72549-6	SW-4 (1.5')	Total/NA	Solid	8015B NM	141276
MB 880-141276/1-A	Method Blank	Total/NA	Solid	8015B NM	141276
LCS 880-141276/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	141276
LCSD 880-141276/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	141276
880-72536-A-118-B MS	Matrix Spike	Total/NA	Solid	8015B NM	141276
880-72536-A-118-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	141276

Analysis Batch: 141419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72549-1	CS-1 (1.5')	Total/NA	Solid	8015 NM	
880-72549-2	CS-2 (1.5')	Total/NA	Solid	8015 NM	
880-72549-3	SW-1 (1.5')	Total/NA	Solid	8015 NM	
880-72549-4	SW-2 (1.5')	Total/NA	Solid	8015 NM	
880-72549-5	SW-3 (1.5')	Total/NA	Solid	8015 NM	
880-72549-6	SW-4 (1.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 141362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72549-1	CS-1 (1.5')	Soluble	Solid	DI Leach	
880-72549-2	CS-2 (1.5')	Soluble	Solid	DI Leach	
880-72549-3	SW-1 (1.5')	Soluble	Solid	DI Leach	
880-72549-4	SW-2 (1.5')	Soluble	Solid	DI Leach	
880-72549-5	SW-3 (1.5')	Soluble	Solid	DI Leach	
880-72549-6	SW-4 (1.5')	Soluble	Solid	DI Leach	
MB 880-141362/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-141362/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-141362/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-72549-1 MS	CS-1 (1.5')	Soluble	Solid	DI Leach	
880-72549-1 MSD	CS-1 (1.5')	Soluble	Solid	DI Leach	

Analysis Batch: 141441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72549-1	CS-1 (1.5')	Soluble	Solid	300.0	141362
880-72549-2	CS-2 (1.5')	Soluble	Solid	300.0	141362
880-72549-3	SW-1 (1.5')	Soluble	Solid	300.0	141362
880-72549-4	SW-2 (1.5')	Soluble	Solid	300.0	141362
880-72549-5	SW-3 (1.5')	Soluble	Solid	300.0	141362
880-72549-6	SW-4 (1.5')	Soluble	Solid	300.0	141362
MB 880-141362/1-A	Method Blank	Soluble	Solid	300.0	141362
LCS 880-141362/2-A	Lab Control Sample	Soluble	Solid	300.0	141362
LCSD 880-141362/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	141362
880-72549-1 MS	CS-1 (1.5')	Soluble	Solid	300.0	141362
880-72549-1 MSD	CS-1 (1.5')	Soluble	Solid	300.0	141362

Lab Chronicle

Client: Carmona Resources
 Project/Site: Shiprock 5 Fed Com CTB

Job ID: 880-72549-1
 SDG: Lea County New Mexico

Client Sample ID: CS-1 (1.5')

Lab Sample ID: 880-72549-1

Date Collected: 05/19/26 11:00

Matrix: Solid

Date Received: 05/20/26 09:06

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	141411	05/21/26 08:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141417	05/21/26 10:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141478	05/21/26 10:22	AJ	EET MID
Total/NA	Analysis	8015 NM		1			141419	05/21/26 03:55	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	141276	05/20/26 08:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141304	05/21/26 03:55	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	141362	05/20/26 14:08	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141441	05/21/26 09:22	CS	EET MID

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-72549-2

Date Collected: 05/19/26 11:05

Matrix: Solid

Date Received: 05/20/26 09:06

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	141411	05/21/26 08:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141417	05/21/26 10:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141478	05/21/26 10:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			141419	05/21/26 04:10	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	141276	05/20/26 08:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141304	05/21/26 04:10	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	141362	05/20/26 14:08	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141441	05/21/26 09:37	CS	EET MID

Client Sample ID: SW-1 (1.5')

Lab Sample ID: 880-72549-3

Date Collected: 05/19/26 11:10

Matrix: Solid

Date Received: 05/20/26 09:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	141411	05/21/26 08:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141417	05/21/26 11:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141478	05/21/26 11:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			141419	05/21/26 04:25	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	141276	05/20/26 08:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141304	05/21/26 04:25	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	141362	05/20/26 14:08	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141441	05/21/26 09:42	CS	EET MID

Client Sample ID: SW-2 (1.5')

Lab Sample ID: 880-72549-4

Date Collected: 05/19/26 11:15

Matrix: Solid

Date Received: 05/20/26 09:06

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	141411	05/21/26 08:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141417	05/21/26 11:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141478	05/21/26 11:23	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Shiprock 5 Fed Com CTB

Job ID: 880-72549-1
 SDG: Lea County New Mexico

Client Sample ID: SW-2 (1.5')

Lab Sample ID: 880-72549-4

Date Collected: 05/19/26 11:15

Matrix: Solid

Date Received: 05/20/26 09:06

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			141419	05/21/26 04:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	141276	05/20/26 08:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141304	05/21/26 04:40	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	141362	05/20/26 14:08	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141441	05/21/26 09:47	CS	EET MID

Client Sample ID: SW-3 (1.5')

Lab Sample ID: 880-72549-5

Date Collected: 05/19/26 11:20

Matrix: Solid

Date Received: 05/20/26 09:06

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	141411	05/21/26 08:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141417	05/21/26 11:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141478	05/21/26 11:43	AJ	EET MID
Total/NA	Analysis	8015 NM		1			141419	05/21/26 04:56	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	141276	05/20/26 08:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141304	05/21/26 04:56	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	141362	05/20/26 14:08	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141441	05/21/26 09:52	CS	EET MID

Client Sample ID: SW-4 (1.5')

Lab Sample ID: 880-72549-6

Date Collected: 05/19/26 11:25

Matrix: Solid

Date Received: 05/20/26 09:06

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	141411	05/21/26 08:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141417	05/21/26 12:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141478	05/21/26 12:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			141419	05/21/26 05:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	141276	05/20/26 08:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141304	05/21/26 05:11	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	141362	05/20/26 14:08	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141441	05/21/26 10:07	CS	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: Shiprock 5 Fed Com CTB

Job ID: 880-72549-1
 SDG: Lea 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	06-30-26

The following analytes are included in this report, but the laboratory is not certified by Texas NELAP T 104704400. This list may include analytes for which the agency does not offer certification :

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

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Method Summary

Client: Carmona Resources
Project/Site: Shiprock 5 Fed Com CTB

Job ID: 880-72549-1
SDG: Lea 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: Shiprock 5 Fed Com CTB

Job ID: 880-72549-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-72549-1	CS-1 (1.5')	Solid	05/19/26 11:00	05/20/26 09:06	Texas
880-72549-2	CS-2 (1.5')	Solid	05/19/26 11:05	05/20/26 09:06	Texas
880-72549-3	SW-1 (1.5')	Solid	05/19/26 11:10	05/20/26 09:06	Texas
880-72549-4	SW-2 (1.5')	Solid	05/19/26 11:15	05/20/26 09:06	Texas
880-72549-5	SW-3 (1.5')	Solid	05/19/26 11:20	05/20/26 09:06	Texas
880-72549-6	SW-4 (1.5')	Solid	05/19/26 11:25	05/20/26 09:06	Texas

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880-72549 Chain of Custody

Chain of Custody

Page 1 of 1

Project Manager: **Conner Moehring**
 Company Name: **Carmona Resources**
 Address: **310 W Wall St Site 500**
 City, State ZIP: **Midland, TX 79701**
 Phone: **(432) 813-6823**

Bill to: (if different)
 Company Name: **EOG Resources**
 Address: **5509 Champions Dr**
 City, State ZIP: **Midland, TX 79706**
 Email: **Hadlie_Stout@eogresources.com**

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

Project Name: **Shiprock 5 Fed Com CTB**
 Project Number: **3223**
 Project Location: **Lea County, New Mexico**
 Sampler's Name: **JM**

Turn Around
 Routine Rush
 Due Date: **24 HR**

Temp Blank: Yes No
 Thermometer ID: **7.8**
 Cooler Custody Seals: Yes No
 Correction Factor: **7.5**
 Sample Custody Seals: Yes No
 Temperature Reading: **7.4**
 Total Containers: **7.6**

Wet Ice: Yes No

Sample Identification	Date	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST		Preservative Codes
						Frns. Code	Parameters	
CS-1 (1.5')	5/19/2026 11:00 AM	X		C	1	BTEX 8021B	Chloride 3000	None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
CS-2 (1.5')	5/19/2026 11:05 AM	X		C	1	TPH 8015M (GRO + DRO + MRO)		
SW-1 (1.5')	5/19/2026 11:10 AM	X		C	1			
SW-2 (1.5')	5/19/2026 11:15 AM	X		C	1			
SW-3 (1.5')	5/19/2026 11:20 AM	X		C	1			
SW-4 (1.5')	5/19/2026 11:25 AM	X		C	1			

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

Relinquished by: (Signature)

Date/Time: **5/19/2026 09:06**

Received by: (Signature)

Date/Time: **5/19/2026 09:06**



Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-72549-1
SDG Number: Lea County New Mexico

Login Number: 72549
List Number: 1
Creator: Lee, Randall

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 5/13/2026 10:53:10 AM

JOB DESCRIPTION

Hearns to Klondike Layflat
 Lea County New Mexico

JOB NUMBER

880-71958-1

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
5/13/2026 10:53:10 AM

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: Hearn to Klondike Layflat

Laboratory Job ID: 880-71958-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Hearn's to Klondike Layflat

Job ID: 880-71958-1
SDG: Lea 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
F1	MS and/or MSD recovery exceeds control limits.
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: Hearn's to Klondike Layflat

Job ID: 880-71958-1

Job ID: 880-71958-1

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Job Narrative 880-71958-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 5/6/2026 1:35 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 -5.2°C.

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 8015B NM: Surrogate recovery for the following sample was outside control limits: Corlenone Pit (880-71958-2). Evidence of matrix interferences is not obvious.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-140121 and analytical batch 880-140489 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.

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: Hearn's to Klondike Layflat

Job ID: 880-71958-1
 SDG: Lea County New Mexico

Client Sample ID: Rival Pit

Lab Sample ID: 880-71958-1

Date Collected: 05/05/26 08:30

Matrix: Solid

Date Received: 05/06/26 13:35

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		05/10/26 08:55	05/11/26 03:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/10/26 08:55	05/11/26 03:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/10/26 08:55	05/11/26 03:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/10/26 08:55	05/11/26 03:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/10/26 08:55	05/11/26 03:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/10/26 08:55	05/11/26 03:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	05/10/26 08:55	05/11/26 03:56	1
1,4-Difluorobenzene (Surr)	100		70 - 130	05/10/26 08:55	05/11/26 03:56	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			05/11/26 03:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			05/11/26 22:30	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	<49.6	U	49.6		mg/Kg		05/07/26 08:37	05/11/26 22:30	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		05/07/26 08:37	05/11/26 22:30	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		05/07/26 08:37	05/11/26 22:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	05/07/26 08:37	05/11/26 22:30	1
o-Terphenyl	117		70 - 130	05/07/26 08:37	05/11/26 22:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	125		10.1		mg/Kg			05/08/26 04:30	1

Client Sample ID: Corlenone Pit

Lab Sample ID: 880-71958-2

Date Collected: 05/05/26 09:30

Matrix: Solid

Date Received: 05/06/26 13:35

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		05/10/26 08:55	05/11/26 04:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/10/26 08:55	05/11/26 04:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/10/26 08:55	05/11/26 04:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/10/26 08:55	05/11/26 04:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/10/26 08:55	05/11/26 04:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/10/26 08:55	05/11/26 04:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	05/10/26 08:55	05/11/26 04:17	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/10/26 08:55	05/11/26 04:17	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Hearn's to Klondike Layflat

Job ID: 880-71958-1
 SDG: Lea County New Mexico

Client Sample ID: Corlenone Pit

Lab Sample ID: 880-71958-2

Date Collected: 05/05/26 09:30

Matrix: Solid

Date Received: 05/06/26 13:35

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			05/11/26 04:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/11/26 22:50	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	<50.1	U	50.1		mg/Kg		05/07/26 08:37	05/11/26 22:50	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/07/26 08:37	05/11/26 22:50	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/07/26 08:37	05/11/26 22:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130				05/07/26 08:37	05/11/26 22:50	1
o-Terphenyl	134	S1+	70 - 130				05/07/26 08:37	05/11/26 22:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.2		10.0		mg/Kg			05/08/26 04:35	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Hearn's to Klondike Layflat

Job ID: 880-71958-1
SDG: Lea 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	DFBZ1
		(70-130)	(70-130)
880-71958-1	Rival Pit	108	100
880-71958-1 MS	Rival Pit	107	93
880-71958-1 MSD	Rival Pit	106	100
880-71958-2	Corlenone Pit	104	95
LCS 880-140396/1-A	Lab Control Sample	102	102
LCSD 880-140396/2-A	Lab Control Sample Dup	102	92
MB 880-140380/5-A	Method Blank	97	91
MB 880-140396/5-A	Method Blank	101	91

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	OTPH1
		(70-130)	(70-130)
880-71949-A-21-B MS	Matrix Spike	128	117
880-71949-A-21-C MSD	Matrix Spike Duplicate	127	116
880-71958-1	Rival Pit	125	117
880-71958-2	Corlenone Pit	132 S1+	134 S1+
LCS 880-140121/2-A	Lab Control Sample	110	108
LCSD 880-140121/3-A	Lab Control Sample Dup	109	106
MB 880-140121/1-A	Method Blank	97	106

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
 Project/Site: Hearn's to Klondike Layflat

Job ID: 880-71958-1
 SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-140380/5-A
 Matrix: Solid
 Analysis Batch: 140384

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 140380

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/09/26 15:46	05/10/26 16:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/26 15:46	05/10/26 16:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/26 15:46	05/10/26 16:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/09/26 15:46	05/10/26 16:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/26 15:46	05/10/26 16:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/26 15:46	05/10/26 16:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	05/09/26 15:46	05/10/26 16:49	1
1,4-Difluorobenzene (Surr)	91		70 - 130	05/09/26 15:46	05/10/26 16:49	1

Lab Sample ID: MB 880-140396/5-A
 Matrix: Solid
 Analysis Batch: 140384

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 140396

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/10/26 08:55	05/11/26 03:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/10/26 08:55	05/11/26 03:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/10/26 08:55	05/11/26 03:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/10/26 08:55	05/11/26 03:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/10/26 08:55	05/11/26 03:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/10/26 08:55	05/11/26 03:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	05/10/26 08:55	05/11/26 03:34	1
1,4-Difluorobenzene (Surr)	91		70 - 130	05/10/26 08:55	05/11/26 03:34	1

Lab Sample ID: LCS 880-140396/1-A
 Matrix: Solid
 Analysis Batch: 140384

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 140396

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1162		mg/Kg		116	70 - 130
Toluene	0.100	0.1141		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1109		mg/Kg		111	70 - 130
m-Xylene & p-Xylene	0.200	0.2227		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1140		mg/Kg		114	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-140396/2-A
 Matrix: Solid
 Analysis Batch: 140384

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 140396

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1054		mg/Kg		105	70 - 130	10	35

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QC Sample Results

Client: Carmona Resources
 Project/Site: Hearn's to Klondike Layflat

Job ID: 880-71958-1
 SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-140396/2-A
 Matrix: Solid
 Analysis Batch: 140384

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 140396

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1076		mg/Kg		108	70 - 130	6	35
Ethylbenzene	0.100	0.1010		mg/Kg		101	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.2074		mg/Kg		104	70 - 130	7	35
o-Xylene	0.100	0.1044		mg/Kg		104	70 - 130	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 880-71958-1 MS
 Matrix: Solid
 Analysis Batch: 140384

Client Sample ID: Rival Pit
 Prep Type: Total/NA
 Prep Batch: 140396

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08130		mg/Kg		81	70 - 130
Toluene	<0.00200	U	0.100	0.07905		mg/Kg		79	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07675		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1550		mg/Kg		78	70 - 130
o-Xylene	<0.00200	U	0.100	0.07801		mg/Kg		78	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 880-71958-1 MSD
 Matrix: Solid
 Analysis Batch: 140384

Client Sample ID: Rival Pit
 Prep Type: Total/NA
 Prep Batch: 140396

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08889		mg/Kg		89	70 - 130	9	35
Toluene	<0.00200	U	0.100	0.08748		mg/Kg		87	70 - 130	10	35
Ethylbenzene	<0.00200	U	0.100	0.08448		mg/Kg		84	70 - 130	10	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1721		mg/Kg		86	70 - 130	10	35
o-Xylene	<0.00200	U	0.100	0.08746		mg/Kg		87	70 - 130	11	35

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

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

Lab Sample ID: MB 880-140121/1-A
 Matrix: Solid
 Analysis Batch: 140489

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 140121

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		05/07/26 08:37	05/11/26 13:11	1

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QC Sample Results

Client: Carmona Resources
 Project/Site: Hearns to Klondike Layflat

Job ID: 880-71958-1
 SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-140121/1-A
Matrix: Solid
Analysis Batch: 140489

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 140121

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		05/07/26 08:37	05/11/26 13:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/07/26 08:37	05/11/26 13:11	1
Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac			
	%Recovery	Qualifier							
1-Chlorooctane	97		70 - 130	05/07/26 08:37	05/11/26 13:11	1			
o-Terphenyl	106		70 - 130	05/07/26 08:37	05/11/26 13:11	1			

Lab Sample ID: LCS 880-140121/2-A
Matrix: Solid
Analysis Batch: 140489

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 140121

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	809.1		mg/Kg		81	70 - 130
Diesel Range Organics (Over C10-C28)	1000	943.7		mg/Kg		94	70 - 130
Surrogate	LCS	LCS	Limits				
		%Recovery		Qualifier			
1-Chlorooctane	110		70 - 130				
o-Terphenyl	108		70 - 130				

Lab Sample ID: LCSD 880-140121/3-A
Matrix: Solid
Analysis Batch: 140489

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 140121

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	1000	792.4		mg/Kg		79	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	946.6		mg/Kg		95	70 - 130	0	20
Surrogate	LCSD	LCSD	Limits						
		%Recovery		Qualifier					
1-Chlorooctane	109		70 - 130						
o-Terphenyl	106		70 - 130						

Lab Sample ID: 880-71949-A-21-B MS
Matrix: Solid
Analysis Batch: 140489

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 140121

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	998	687.8	F1	mg/Kg		69	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	998	852.7		mg/Kg		85	70 - 130
Surrogate	MS	MS	Limits						
	%Recovery	Qualifier							
1-Chlorooctane	128		70 - 130						
o-Terphenyl	117		70 - 130						

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QC Sample Results

Client: Carmona Resources
 Project/Site: Hearn's to Klondike Layflat

Job ID: 880-71958-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-71949-A-21-C MSD
 Matrix: Solid
 Analysis Batch: 140489

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 140121

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	<49.9	U F1	998	709.9		mg/Kg		71	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	825.7		mg/Kg		83	70 - 130	3	20
Surrogate	%Recovery	MSD Qualifier	MSD	Limits							
1-Chlorooctane	127			70 - 130							
o-Terphenyl	116			70 - 130							

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-140183/1-A
 Matrix: Solid
 Analysis Batch: 140221

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			05/08/26 03:13	1

Lab Sample ID: LCS 880-140183/2-A
 Matrix: Solid
 Analysis Batch: 140221

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	226.8		mg/Kg		91	90 - 110

Lab Sample ID: LCSD 880-140183/3-A
 Matrix: Solid
 Analysis Batch: 140221

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	228.8		mg/Kg		92	90 - 110	1	20

Lab Sample ID: 880-71958-2 MS
 Matrix: Solid
 Analysis Batch: 140221

Client Sample ID: Corlenone Pit
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	27.2		251	276.4		mg/Kg		99	90 - 110

Lab Sample ID: 880-71958-2 MSD
 Matrix: Solid
 Analysis Batch: 140221

Client Sample ID: Corlenone Pit
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	27.2		251	271.0		mg/Kg		97	90 - 110	2	20

QC Association Summary

Client: Carmona Resources
 Project/Site: Hearn's to Klondike Layflat

Job ID: 880-71958-1
 SDG: Lea County New Mexico

GC VOA

Prep Batch: 140380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-140380/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 140384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71958-1	Rival Pit	Total/NA	Solid	8021B	140396
880-71958-2	Corlenone Pit	Total/NA	Solid	8021B	140396
MB 880-140380/5-A	Method Blank	Total/NA	Solid	8021B	140380
MB 880-140396/5-A	Method Blank	Total/NA	Solid	8021B	140396
LCS 880-140396/1-A	Lab Control Sample	Total/NA	Solid	8021B	140396
LCSD 880-140396/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	140396
880-71958-1 MS	Rival Pit	Total/NA	Solid	8021B	140396
880-71958-1 MSD	Rival Pit	Total/NA	Solid	8021B	140396

Prep Batch: 140396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71958-1	Rival Pit	Total/NA	Solid	5035	
880-71958-2	Corlenone Pit	Total/NA	Solid	5035	
MB 880-140396/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-140396/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-140396/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-71958-1 MS	Rival Pit	Total/NA	Solid	5035	
880-71958-1 MSD	Rival Pit	Total/NA	Solid	5035	

Analysis Batch: 140533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71958-1	Rival Pit	Total/NA	Solid	Total BTEX	
880-71958-2	Corlenone Pit	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 140121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71958-1	Rival Pit	Total/NA	Solid	8015NM Prep	
880-71958-2	Corlenone Pit	Total/NA	Solid	8015NM Prep	
MB 880-140121/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-140121/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-140121/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-71949-A-21-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-71949-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 140489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71958-1	Rival Pit	Total/NA	Solid	8015B NM	140121
880-71958-2	Corlenone Pit	Total/NA	Solid	8015B NM	140121
MB 880-140121/1-A	Method Blank	Total/NA	Solid	8015B NM	140121
LCS 880-140121/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	140121
LCSD 880-140121/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	140121
880-71949-A-21-B MS	Matrix Spike	Total/NA	Solid	8015B NM	140121
880-71949-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	140121

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Hearn's to Klondike Layflat

Job ID: 880-71958-1
 SDG: Lea County New Mexico

GC Semi VOA

Analysis Batch: 140680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71958-1	Rival Pit	Total/NA	Solid	8015 NM	
880-71958-2	Corlenone Pit	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 140183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71958-1	Rival Pit	Soluble	Solid	DI Leach	
880-71958-2	Corlenone Pit	Soluble	Solid	DI Leach	
MB 880-140183/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-140183/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-140183/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-71958-2 MS	Corlenone Pit	Soluble	Solid	DI Leach	
880-71958-2 MSD	Corlenone Pit	Soluble	Solid	DI Leach	

Analysis Batch: 140221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71958-1	Rival Pit	Soluble	Solid	300.0	140183
880-71958-2	Corlenone Pit	Soluble	Solid	300.0	140183
MB 880-140183/1-A	Method Blank	Soluble	Solid	300.0	140183
LCS 880-140183/2-A	Lab Control Sample	Soluble	Solid	300.0	140183
LCSD 880-140183/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	140183
880-71958-2 MS	Corlenone Pit	Soluble	Solid	300.0	140183
880-71958-2 MSD	Corlenone Pit	Soluble	Solid	300.0	140183

Lab Chronicle

Client: Carmona Resources
 Project/Site: Hearn's to Klondike Layflat

Job ID: 880-71958-1
 SDG: Lea County New Mexico

Client Sample ID: Rival Pit

Lab Sample ID: 880-71958-1

Date Collected: 05/05/26 08:30

Matrix: Solid

Date Received: 05/06/26 13:35

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	140396	05/10/26 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140384	05/11/26 03:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140533	05/11/26 03:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			140680	05/11/26 22:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	140121	05/07/26 08:37	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140489	05/11/26 22:30	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	140183	05/07/26 12:26	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140221	05/08/26 04:30	CS	EET MID

Client Sample ID: Corlenone Pit

Lab Sample ID: 880-71958-2

Date Collected: 05/05/26 09:30

Matrix: Solid

Date Received: 05/06/26 13:35

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	140396	05/10/26 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140384	05/11/26 04:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140533	05/11/26 04:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			140680	05/11/26 22:50	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	140121	05/07/26 08:37	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140489	05/11/26 22:50	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	140183	05/07/26 12:26	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140221	05/08/26 04:35	CS	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: Hearn's to Klondike Layflat

Job ID: 880-71958-1
 SDG: Lea 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	06-30-26

The following analytes are included in this report, but the laboratory is not certified by Texas NELAP T 104704400. This list may include analytes for which the agency does not offer certification :

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

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Method Summary

Client: Carmona Resources
Project/Site: Hearn's to Klondike Layflat

Job ID: 880-71958-1
SDG: Lea 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: Hearn's to Klondike Layflat

Job ID: 880-71958-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-71958-1	Rival Pit	Solid	05/05/26 08:30	05/06/26 13:35	Texas
880-71958-2	Corlenone Pit	Solid	05/05/26 09:30	05/06/26 13:35	Texas

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-71958-1
SDG Number: Lea County New Mexico

Login Number: 71958

List Number: 1

Creator: Dyal, Erica

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

QUESTIONS

Action 591360

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 591360
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2606851143
Incident Name	NAPP2606851143 SHIPROCK 5 FED COM CTB @ B-05-25S-34E
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Shiprock 5 Fed Com CTB
Date Release Discovered	03/08/2026
Surface Owner	Federal

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

Nature and Volume of Release	
<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: Equipment Failure Pump Produced Water Released: 40 BBL Recovered: 39 BBL Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
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)	pump bearing went out causing seal failure, resulting in 39 bbls pw released into lined secondary containment and 1 bbl pw overflowed onto the well pad surface.

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QUESTIONS, Page 2

Action 591360

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 591360
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Hadlie Stout Title: Environmental Representative II Email: Hadlie_stout@eogresources.com Date: 06/03/2026
--	--

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QUESTIONS, Page 3

Action 591360

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 591360
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
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 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (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)	2980
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
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	05/19/2026
On what date will (or did) the final sampling or liner inspection occur	05/19/2026
On what date will (or was) the remediation complete(d)	05/20/2026
What is the estimated surface area (in square feet) that will be reclaimed	400
What is the estimated volume (in cubic yards) that will be reclaimed	22
What is the estimated surface area (in square feet) that will be remediated	400
What is the estimated volume (in cubic yards) that will be remediated	22

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 591360

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 591360
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

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

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

(Select all answers below that apply.)

(Ex Situ) Excavation and 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: Hadlie Stout Title: Environmental Representative II Email: Hadlie_stout@eogresources.com Date: 06/03/2026
--	--

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 591360

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 591360
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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 591360

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 591360
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	585391
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/19/2026
What was the (estimated) number of samples that were to be gathered	10
What was the sampling surface area in square feet	800

Remediation Closure Request

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

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	400
What was the total volume (cubic yards) remediated	22
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	400
What was the total volume (in cubic yards) reclaimed	22
Summarize any additional remediation activities not included by answers (above)	Site assessment, excavation, and soil sampling activities were conducted at the Site to address the Marh 8, 2026, produced water release. A liner integrity inspection was conducted by Carmona personnel on April 10, 2026. Upon inspection, no rips, tears, holes, or damage were observed, and the liner was determined to be sufficient to contain fluids. Laboratory analytical results for the confirmation soil samples indicated that all COC concentrations were compliant with the Site Closure Criteria. Based on the soil sample analytical results, no further remediation was required.

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

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

I hereby agree and sign off to the above statement	Name: Hadlie Stout Title: Environmental Representative II Email: Hadlie_stout@eogresources.com Date: 06/03/2026
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Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

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

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Action 591360

QUESTIONS (continued)

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QUESTIONS

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

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CONDITIONS

Action 591360

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 591360
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation closure approved.	6/4/2026