



COG (ConocoPhillips)

# 2026 Work Plan

**Graham Cracker 2 State 1H  
Incident # nAPP2418559790  
Eddy County, New Mexico**

March 2026

2026 Work Plan

## 2026 Work Plan

**Graham Cracker 2 State 1H  
Incident # nAPP2418559790  
Eddy County, New Mexico**

March 2026

**Prepared By:**

Arcadis U.S., Inc.  
1330 Post Oak Blvd., Suite 2250  
Houston  
Texas 77056  
Phone: 713 953 4800

**Prepared For:**

Ike Tavarez  
Project Manager  
ConocoPhillips RM&R  
600 W. Illinois Ave.  
Midland, TX 79701

**Our Ref:**

30315301



---

Justin Nixon  
Task Manager



---

James C. Kirschner, R.G.  
Sr. Vice President

*This document is intended only for the use of the individual or entity for which it was prepared and may contain information that is privileged, confidential and exempt from disclosure under applicable law. Any dissemination, distribution or copying of this document is strictly prohibited.*

[www.arcadis.com](http://www.arcadis.com)

2026 Work Plan

## Contents

- 1 Introduction ..... 1
- 2 Project Summary ..... 1
  - 2.1 Incident # nAPP2418559790 ..... 1
- 3 Site Characterization ..... 1
  - 3.1 Biologically Sensitive Area Applicability ..... 2
  - 3.2 Cultural Resource Inventory ..... 2
- 4 NMAC Regulatory Criteria..... 2
- 5 Site Assessment Activities ..... 3
- 6 Proposed Work Plan..... 4
- 7 Work Plan Approval Request ..... 4

## Tables

Table 1. 2025 Soil Analytical Results

## Figures

- Figure 1. Site Location Map
- Figure 2. Topographic Map
- Figure 3. Depth to Groundwater Map
- Figure 4. Proposed Excavation and Sample Location Map

## Photographic Logs

Log 1. 2026 Soil Assessment Photographic Log

2026 Work Plan

## Appendices

- Appendix A. Initial C-141 Form Incident # nAPP2418559790**
- Appendix B. DTGWB Drilling Log**
- Appendix C. Site Characterization**
- Appendix D. CRI Cover Sheet**
- Appendix E. NMOCD Correspondence**
- Appendix F. Laboratory Analytical Results**

2026 Work Plan

## 1 Introduction

Arcadis U.S., Inc. (Arcadis) has prepared this Work Plan, on behalf of Concho Operating, LLC (COG – now ConocoPhillips), for the release site known as the Graham Cracker 2 State 1H (Site) located at 32.058738, -104.077407. Details of the release are summarized in the New Mexico Oil Conservation Division (NMOCD) Initial C-141 Form included as **Appendix A**.

## 2 Project Summary

The Site is located on state land approximately 17-miles southwest of the City of Malaga in Unit F, Section 10, Township 26 South, Range 28 East, Eddy County, New Mexico. The release happened on the pad of the SRO SWD #104 where the flow lines run from the Graham Cracker 2 State 1 to a manifold on site. The site is located within a medium karst area. A Site Location Map is included as **Figure 1** and a Topographic Map as **Figure 2**.

### 2.1 Incident # nAPP2418559790

According to the Initial C-141 Form, on June 28, 2024 a flowline failed resulting in the release of approximately 53 barrels (bbls) of produced water to ground surface at the Site with 45 bbls recovered. The majority of the release impacted an area near the tin horn, around the produced water lines. The Initial C-141 Form was submitted to the NMOCD on September 17, 2024 and assigned Incident ID number nAPP2418559790. The Initial C-141 Form is included as **Appendix A**.

## 3 Site Characterization

After a review of the New Mexico Office of State Engineers (NMOSE) and USGS databases, there are no known water sources within a 0.5-mile radius of the Site. Arcadis contracted Standard Safety to install an exploratory borehole to determine if depth to water (dtw) is greater than 100 feet below ground surface (bgs) as indicated by other water wells installed in the region. The exploratory boring was installed on August 31, 2023, by West Texas Water Well to a depth of 102 feet bgs. The soil cuttings at the bottom of the hole were a mixture of some silty sand with fine to medium grain sub rounded, sub angular, with some gypsum crystals. The cuttings were dry. No trace of moisture or groundwater was encountered during the drilling activities at 102 feet bgs, it was very hard, causing vibration. The borehole began to cave in, and casing was set at 86.19 feet bgs to leave borehole open for more than 72 hours. Arcadis gauged the boring again on September 5, 2023, and confirmed the hole remained dry. The borehole was plugged with bentonite grout following gauging activities. The groundwater determination boring location is depicted on **Figure 3** and the boring log is shown in **Appendix B**.

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 1 and 5 miles
- Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark): Between 1 and 5 miles
- An occupied permanent residence, school, hospital, institution, or church: >5 miles
- A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes: Between 1/2 and 1 miles

2026 Work Plan

- Any other fresh water well or spring: Between 1/2 and 1 miles
- Incorporated municipal boundaries or a defined municipal fresh water well field: > 5 miles
- A wetland: Between 1 and 5 miles
- A subsurface mine: > 5 miles
- A (non-karst) unstable area: > 5 miles
- Categorize the risk of this well/site being in Karst Geology: Medium
- A 100-year floodplain: Between 1/2 and 5 miles
- Did the release impact areas not on an exploration, development, production, or storage site? No

The site characterization data is presented in **Appendix C**.

### 3.1 Biologically Sensitive Area Applicability

A desktop review was conducted and found that the Site is located outside biologically sensitive areas. According to the U.S. Fish & Wildlife Information for Planning and Consulting (IPaC) database, the Site is located in the following protection areas: lesser prairie-chicken, northern aplomado falcon, and the monarch butterfly. There are no USFWS designated critical habitats surrounding the Site. The Site is not located near any BLM Carlsbad Field Office (CFO) planning areas for lesser prairie-chicken or any other BLM CFO mapped habitat for special status species, additionally, the Site is not located near any BLM CFO mapped special status plant species (SSPS) habitat. The Site is mapped as priority level 4 for both crucial habitat and species of concern by the New Mexico Crucial Habitat Assessment Tool (CHAT) and no species of concern under the Biota Information System of New Mexico (BISON-M) are likely to occur at the Site.

### 3.2 Cultural Resource Inventory

A cultural resource inventory (CRI) will not be necessary per the New Mexico State Land Office (NMSLO) Cultural Properties Protection (CPP) Rule prior to any excavation activities as all proposed work is on a previously disturbed well pad/historical pit location. If it is determined that additional remediation activities will be required on undisturbed areas at the Site, a 2023 CRI will be utilized and submitted to the NMSLO following completion of the survey and prior to remediation activities within any previously undisturbed areas. The CRI cover page is shown in **Appendix D**.

## 4 NMAC Regulatory Criteria

Per Table I of NMAC part 19.15.29.12, the following closure criteria apply to the Site for reclamation activities within the first 4 feet of soil:

Constituent	Limit (mg/kg)
Benzene	10 mg/kg
Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX)	50 mg/kg

## 2026 Work Plan

Total Petroleum Hydrocarbons (TPH) – Gasoline Range Organics (GRO), Diesel Range Organics (DRO), and Oil Range Organics (ORO)	100 mg/kg
Chloride	600 mg/kg

The NMOCD classifies the Site to use the least stringent regulatory limits due to depth to groundwater being confirmed greater than 100 feet bgs, , and no additional conditions or stipulations are applicable to the Site. Since the release occurred prior to the Karst Potential Occurrence Press Release of December 1, 2024, a karst survey is not necessary for the means of remediating to Table 1 depth to groundwater standards in a medium karst zone. The NMOCD correspondence is shown in **Appendix E**. Per Table I of New Mexico Administrative Code (NMAC) part 19.15.29.12, the following closure criteria apply to the Site:

Constituent	Limit (mg/kg)
Chloride	20,000 mg/kg
Total Petroleum Hydrocarbons (TPH) – Gasoline Range Organics (GRO), Diesel Range Organics (DRO), and Oil Range Organics (ORO)	2,500 mg/kg
GRO and DRO	1,000 mg/kg
Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX)	50 mg/kg
Benzene	10 mg/kg

## 5 Site Assessment Activities

On August 5, 2024, Carmona Resources performed site assessment activities to evaluate soil impacts stemming from the release. A total of nine (9) sample points were advanced to depths ranging from the surface to four (4) feet bgs surrounding the release area to evaluate the horizontal and vertical extents of the release. Carmona Resources went back to the Site on October 7, 2025 to continue evaluating the vertical extents of the release. A total of three (3) boreholes were advanced to depths ranging from the surface to forty (40) feet bgs. Soil sample locations are shown on **Figure 4**. Soil samples were collected for chemical analyses, placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for TPH by United States Environmental Protection Agency (EPA) Method 8015; modified BTEX by EPA Method 8021B, and chloride by EPA method 300.0.

Vertical and horizontal delineation was achieved during the soil assessment to determine the potential area of concern. Arcadis will use this data and field screening to guide remediation activities prior to collecting any laboratory analytical samples. Soil sample analytical results are summarized in **Table 1**. Laboratory reports for soil samples collected during the initial site assessment, including analytical methods, results, and chain-of-custody documents, are attached in **Appendix F**.

2026 Work Plan

## 6 Proposed Work Plan

Based on analytical data and the detected TPH and chloride concentrations in soil samples collected during site assessment activities, COG proposes to remediate the areas shown in **Figure 4** and highlighted in **Table 1**.

In accordance with NMAC 19.15.29.12(D)(1)(b) five-point composite confirmation soil samples will be collected from the excavation floor and sidewalls at 200 square foot intervals for analysis of chloride by EPA Method 300.0, BTEX by EPA Method 8260, and TPH for GRO, DRO, and ORO by EPA Method 8015. Lateral limits of the excavation will halt once confirmation sample analytical results are in accordance with NMAC 19.15.29.12(D)(1)(c). The proposed excavation encompasses a surface area of approximately 2,000 square feet.

An estimated 296 cubic yards of soil will be removed and transported to the nearest NMOCD approved disposal facility. Following completion of excavation activities, the areas will be backfilled with clean material and reclaimed to match the original surface conditions and drainage. Prior to reclamation, a five-point composite sample of the backfill will be collected for analysis of chloride by EPA Method 300.0, BTEX by EPA Method 8260, and TPH for GRO, DRO, and ORO by EPA Method 8015.

The off pad disturbed areas (former reserve pit area) will be reseeded during the first favorable growing season following closure of the site in accordance with NMAC part 19.15.29.13 with an NMSLO approved seed mixture based on the following soil types: Reagan loam (31.4 %) - Alluvium and/or eolian deposits and Upton gravelly loam (68.6 %) - Residuum weathered from limestone at the site. These soils are well drained.

The proposed remediation activities will be implemented within 90 days following approval of this work plan by the NMSLO and NMOCD. The anticipated schedule is approximately 30 days to initiate field work and confirm sub-contractors, approximately 30 days to complete on-site remediation activities, and approximately 30 days to prepare a soil remediation summary and closure request report.

## 7 Work Plan Approval Request

Upon completion of the above proposed soil remediation activities, a final closure request report describing the remediation activities will be submitted to the NMOCD and NMSLO for review. If you have any questions regarding this work plan or need additional information, please do not hesitate to contact Justin Nixon at 432-296-9547 or James Kirschner at 602-549-8845.

# Tables



**Table 1**  
**2024-2025 Soil Sample Analytical Results**  
**Graham Cracker 2 State 1H**  
**COG (ConocoPhillips)**

Sample ID	Date	BTEX Methods				TPH Methods				CI Method
		Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes, Total (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C28 (mg/kg)	ORO C28-C36 (mg/kg)	Total TPH (mg/kg)	Chloride, Dissolved (mg/kg)
BH-1 (0-1')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	329
BH-1 (2-3')	10/7/2025	<0.00201	<0.00201	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	5600
BH-1 (4-5')	10/7/2025	<0.00199	<0.00199	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	13200
BH-1 (6-7')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	12800
BH-1 (8-9')	10/7/2025	<0.00201	<0.00201	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	439
BH-1 (10-11')	10/7/2025	<0.00202	<0.00202	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	9570
BH-1 (12-13')	10/7/2025	<0.00199	<0.00199	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	11000
BH-1 (14-15')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	9200
BH-1 (16-17')	10/7/2025	<0.00201	<0.00201	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	8970
BH-1 (18-19')	10/7/2025	<0.00202	<0.00202	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	8510
BH-1 (20')	10/7/2025	<0.00199	<0.00199	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	8050
BH-1 (25')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	2560
BH-1 (30')	10/7/2025	<0.00201	<0.00201	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	2320
BH-1 (35')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	559
BH-1 (40')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	110
BH-2 (0-1')	10/7/2025	<0.00201	<0.00201	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	12700
BH-2 (2-3')	10/7/2025	<0.00199	<0.00199	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	7790
BH-2 (4-5')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00399	<50.0	1120	<50.0	1120	6850
BH-2 (6-7')	10/7/2025	<0.00202	<0.00202	<0.00202	<0.00404	<49.8	<49.8	<49.8	<49.8	5340
BH-2 (8-9')	10/7/2025	<0.00201	<0.00201	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	4390
BH-2 (10-11')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	3300
BH-2 (12-13')	10/7/2025	<0.00201	<0.00201	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	3470
BH-2 (14-15')	10/7/2025	<0.00199	<0.00199	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	2470
BH-2 (16-17')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	1460
BH-2 (18-19')	10/7/2025	<0.00201	<0.00201	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	523
BH-2 (20')	10/7/2025	<0.00202	<0.00202	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	799
BH-2 (25')	10/7/2025	<0.00199	<0.00199	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	687
BH-2 (30')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	766
BH-2 (35')	10/7/2025	<0.00201	<0.00201	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	1230
BH-2 (40')	10/7/2025	<0.00202	<0.00202	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	132
BH-3 (0-1')	10/7/2025	<0.00199	<0.00199	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	301
BH-3 (2-3')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	222
BH-3 (4-5')	10/7/2025	<0.00201	<0.00201	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	235
BH-3 (6-7')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	1800
BH-3 (8-9')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	1300
BH-3 (10-11')	10/7/2025	<0.00201	<0.00201	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	295
BH-3 (12-13')	10/7/2025	<0.00199	<0.00199	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	212
BH-3 (14-15')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	212
BH-3 (16-17')	10/7/2025	<0.00202	<0.00202	<0.00202	<0.00404	<49.8	<49.8	<49.8	<49.8	262
BH-3 (18-19')	10/7/2025	<0.00201	<0.00201	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	289
BH-3 (20')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	274
BH-3 (25')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	337
BH-3 (30')	10/7/2025	<0.00201	<0.00201	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	124
S-1 (0-1')	8/5/2024	<0.00202	<0.00202	<0.00202	<0.00404	<49.7	<49.7	<49.7	<49.7	6150
S-1 (1.5')	8/5/2024	<0.00200	<0.00200	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	4230
S-2 (0-1')	8/5/2024	<0.00200	<0.00200	<0.00200	<0.00400	<49.8	<49.8	<49.8	<49.8	24400
S-2 (1.5')	8/5/2024	<0.00201	<0.00201	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	8560
S-2 (2')	8/5/2024	<0.00202	<0.00202	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	1850
S-2 (3')	8/5/2024	<0.00201	<0.00201	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	1470
S-3 (0-1')	8/5/2024	<0.00200	<0.00200	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	3350
S-3 (1.5')	8/5/2024	<0.00199	<0.00199	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	4660
S-3 (2')	8/5/2024	<0.00200	<0.00200	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	8290
S-4 (0-1')	8/5/2024	<0.00202	<0.00202	<0.00202	<0.00404	<49.7	<49.7	<49.7	<49.7	8430
S-4 (1.5')	8/5/2024	<0.00200	<0.00200	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	553
S-4 (2')	8/5/2024	<0.00200	<0.00200	<0.00200	<0.00400	<49.7	<49.7	<49.7	<49.7	863
S-4 (3')	8/5/2024	<0.00201	<0.00201	<0.00201	<0.00402	<49.7	<49.7	<49.7	<49.7	1040
S-4 (4')	8/5/2024	<0.00200	<0.00200	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	711
HA-1 (0-0.5')	8/5/2024	<0.00200	<0.00200	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	464
HA-2 (0-0.5')	8/5/2024	<0.00200	<0.00200	<0.00200	<0.00400	<49.7	<49.7	<49.7	<49.7	217



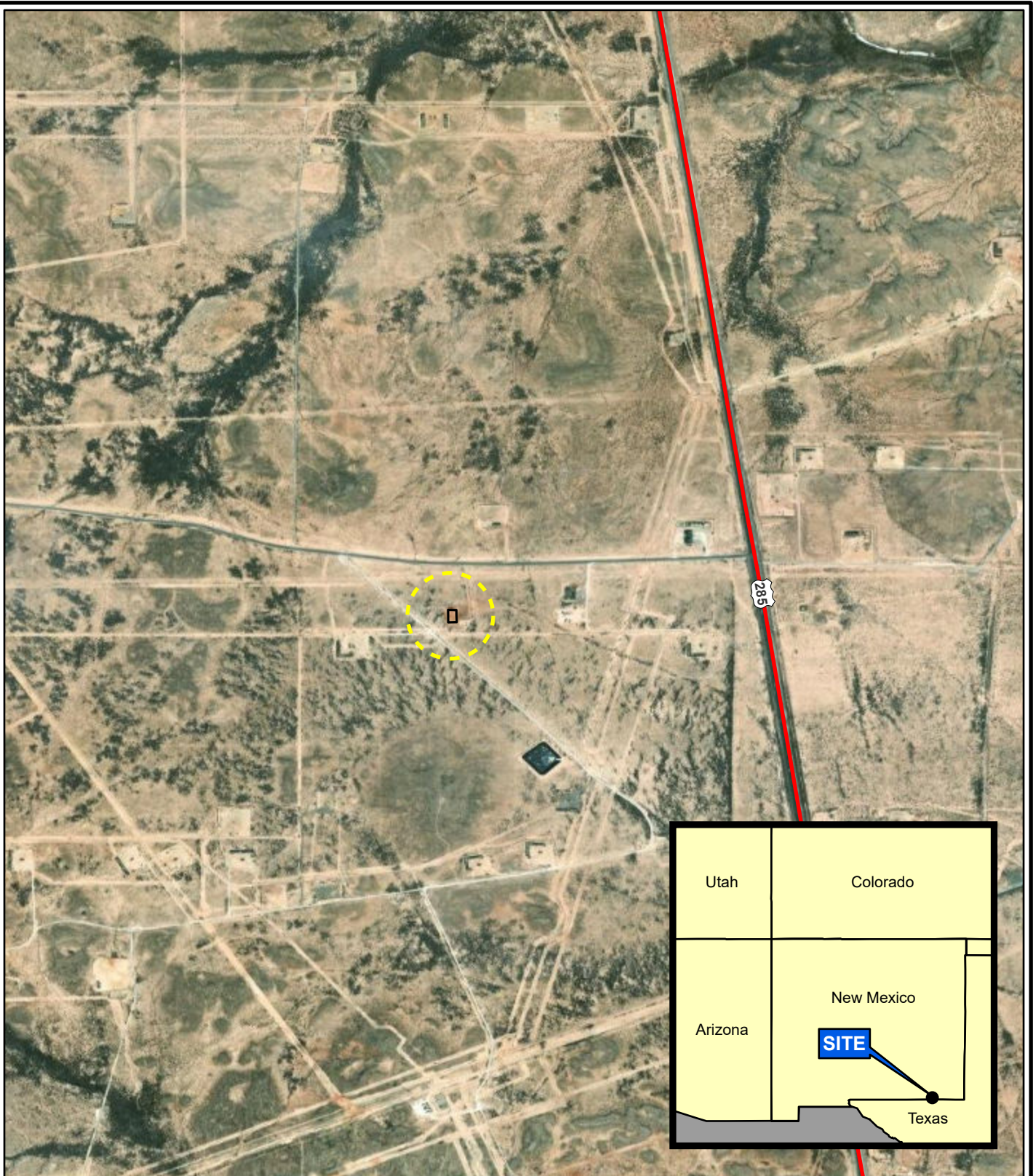
**Table 1**  
**2024-2025 Soil Sample Analytical Results**  
**Graham Cracker 2 State 1H**  
**COG (ConocoPhillips)**

Sample ID	Date	BTEX Methods				TPH Methods			CI Method	
		Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes, Total (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C28 (mg/kg)	ORO C28-C36 (mg/kg)	Total TPH (mg/kg)	Chloride, Dissolved (mg/kg)
HA-3 (0-0.5')	8/5/2024	<0.00201	<0.00201	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	188
HA-4 (0-0.5')	8/5/2024	<0.00200	<0.00200	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	22.2
HA-5 (0-0.5')	8/5/2024	<0.00200	<0.00200	<0.00200	<0.00400	<49.8	<49.8	<49.8	<49.8	7.12
<b>MOCD Reclamation Standard</b>		<b>10</b>	--	--	--	--	--	--	<b>100</b>	<b>600</b>
<b>NMOCD Closure Criteria</b>		<b>10</b>	--	--	--	--	--	--	<b>1,000</b>	<b>20,000</b>

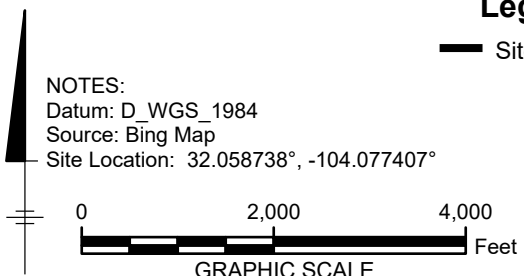
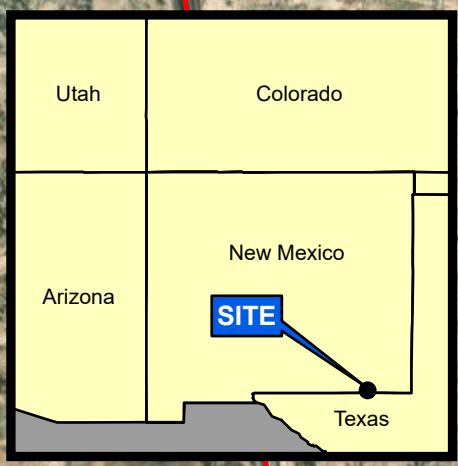
Legend:

Analytes exceeding NMAC Reclamation Standards are indicated in **bold**  
 '<' indicates the analyte was not detected at or above the Method Detection Limit (MDL)  
 mg/kg: Milligram per Kilogram  
 BTEX : Benzene, Toluene, Ethylbenzene, and Total Xylenes  
 NMAC : New Mexico Administration Code  
 TPH GRO: Total Petroleum Hydrocarbons Gasoline Range Organics  
 TPH DRO: Total Petroleum Hydrocarbon Diesel Range Organics  
 TPH ORO: Total Petroleum Hydrocarbons Oil Range Organics  
 " ' " : Indicates one foot  
 " : Indicated inches  
 HA: Hand Auger Horizontal Soil Samples  
 BH: Borehole Soil Samples  
 S : Soil Samples  
 Notes:  
 1. Chloride analyzed by EPA Method 300  
 2. TPH analyzed by EPA Method 8015 M  
 3. BTEX analyzed by EPA Method 8260B  
 4. Closure Criteria New Mexico Administrative Code 19.15.29.12.E(2)  
 NMOCD: New Mexico Oil Conservation Division  
 --: No individual standard

# Figures



City: Houston Div/Group: Remediation West -Air Group Created By: W Berry Last Saved By: yadavs0264 : Client (Project #)  
 T:\ENVU\Upstream\SRO\_SWD\_104\Graham Cracker 2 State 1H.aprx 1/23/2026 4:03 PM



**Legend**

— Site Location

NOTES:  
 Datum: D\_WGS\_1984  
 Source: Bing Map  
 Site Location: 32.058738°, -104.077407°

COG (CONOCOPHILLIPS)  
 GRAHAM CRACKER 2 STATE 1H  
 EDDY COUNTY, NEW MEXICO

**SITE LOCATION MAP**



FIGURE  
**1**



City: Houston Div/Group: Remediation West - Air Group Created By: W Berry Last Saved By: yadavs0264 : Client (Project #)  
 T:\ENVU\Upstream\SRO\_SWD\_104\Graham Cracker 2 State 1H.aprx 1/23/2026 4:03 PM

ESRI: USGS Topo Service

**Legend**

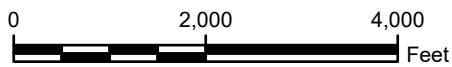
— Site Location

**NOTES:**

Datum: D\_WGS\_1984

Source: Bing Map

Site Location: 32.058738°, -104.077407°



COG (CONOCOPHILLIPS)  
GRAHAM CRACKER 2 STATE 1H  
EDDY COUNTY, NEW MEXICO

**TOPOGRAPHIC MAP**




FIGURE  
**2**



DTGWB  
 ~ 9 Ft. from  
 Historical Pit

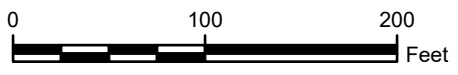
City: Houston Div(Group: Remediation West -Air Group Created By: W Berry Last Saved By: yadavs0264 : Client (Project #)  
 T:\ENVU\Upstream\SRO\_SWD\_104\Graham Cracker 2 State 1H.aprx 1/23/2026 2:45 PM

**Legend**


 GWDB (Groundwater Determination Boring) 102 ft bgs

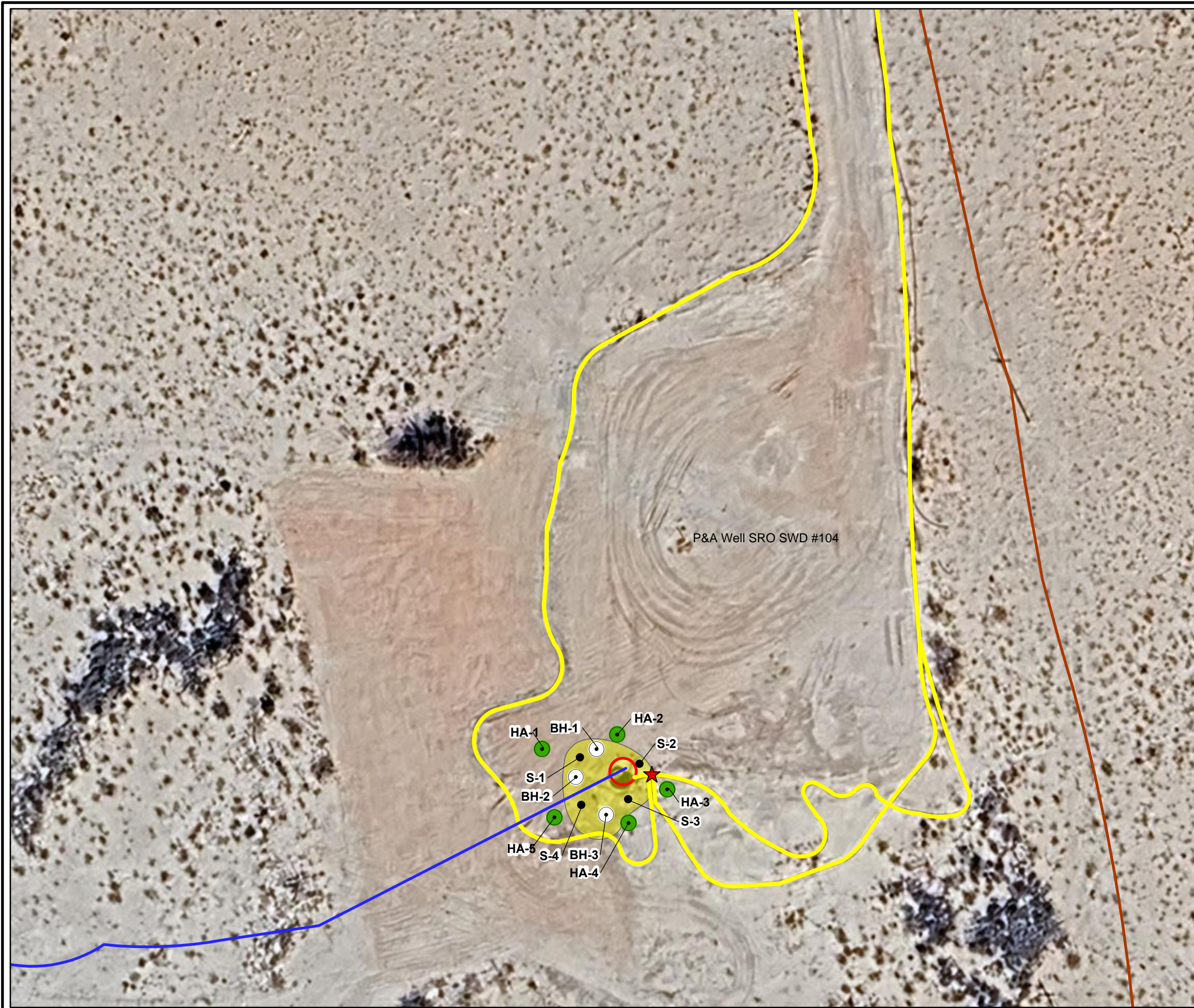


NOTES:  
 Datum: D\_WGS\_1984  
 Source: Bing Map  
 Site Location: 32.058738°, -104.077407°



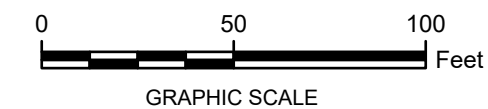
GRAPHIC SCALE

COG (CONOCOPHILLIPS) GRAHAM CRACKER 2 STATE 1H EDDY COUNTY, NEW MEXICO	
<b>DEPTH TO GROUNDWATER MAP</b>	
	<b>FIGURE 3</b>



### Legend

- Borehole Sample Locations
- Horizontal Sample Locations
- Soil Sample Locations
- Point of Release
- Surface Production Line
- Overhead Powerline
- Underground Water Line
- Metal Containment
- Area Of Concern



NOTES:  
Site Location: 32.058738°, -104.077407°

COG (CONOCOPHILLIPS)  
GRAHAM CRACKER 2 STATE 1H  
EDDY COUNTY, NEW MEXICO



### PROPOSED EXCAVATION AND SAMPLE LOCATION MAP





FIGURE  
4

City: Houston Div/Group: Remediation West - Air Group Created By: W Berry Last Saved By: yadav0264 : Client (Project#)  
T:\ENV\Upstream\SRO\_SWD\_104\Graham Cracker 2 State 1H.aprx 1/29/2026 3:07 PM

# Photographic Logs

		<b>PHOTOGRAPHIC LOG</b>	
<b>Property Name:</b> Graham Cracker 2 State 1H		<b>Location:</b> Eddy County, NM	
		<b>Case No.</b> NAPP2418559790	
<b>Photo No.</b> 1	<b>Date:</b> 08/05/2024		
<b>Direction Photo Taken:</b> Facing SW			
<b>Description:</b> BH-1 area			

		<b>PHOTOGRAPHIC LOG</b>	
<b>Property Name:</b> Graham Cracker 2 State 1H		<b>Location:</b> Eddy County, NM	
		<b>Case No.</b> NAPP2418559790	
<b>Photo No.</b> 2	<b>Date:</b> 08/05/2024		
<b>Direction Photo Taken:</b> SW			
<b>Description:</b> At release			



### PHOTOGRAPHIC LOG

<b>Property Name:</b> Graham Cracker 2 State 1H	<b>Location:</b> Eddy County, NM	<b>Case No.</b> NAPP2418559790
--	-------------------------------------	-----------------------------------

<b>Photo No.</b> 3	<b>Date:</b> 08/05/2024
-----------------------	----------------------------



**Direction Photo Taken:**  
East

☀ 99°E (T) LAT: 32.058697 LON: -104.077190 ±13ft ▲ 3010ft

**Description:**  
10' SW of release



### PHOTOGRAPHIC LOG

<b>Property Name:</b> Graham Cracker 2 State 1H	<b>Location:</b> Eddy County, NM	<b>Case No.</b> NAPP2418559790
--	-------------------------------------	-----------------------------------

<b>Photo No.</b> 4	<b>Date:</b> 08/05/2024
-----------------------	----------------------------



**Direction Photo Taken:**  
NE

☀ 99°E (T) LAT: 32.058695 LON: -104.077181 ±13ft ▲ 3011ft

**Description:**  
At release

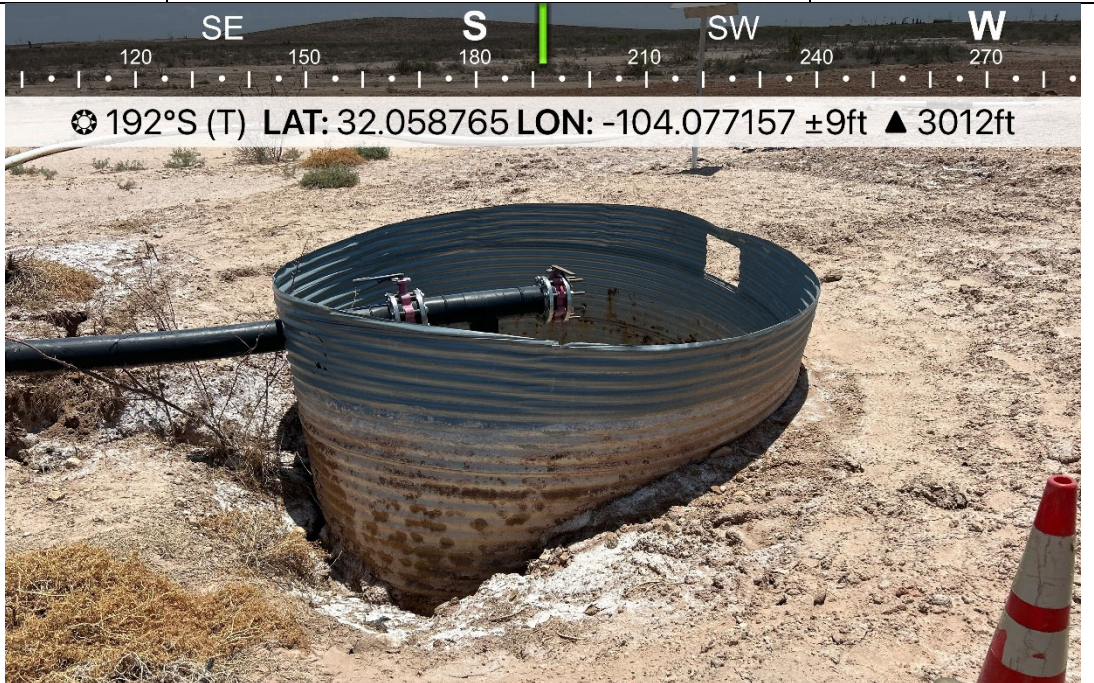




# PHOTOGRAPHIC LOG

<b>Property Name:</b> Graham Cracker 2 State 1H	<b>Location:</b> Eddy County, NM	<b>Case No.</b> NAPP2418559790
--	-------------------------------------	-----------------------------------

<b>Photo No.</b> <b>5</b>	<b>Date:</b> 08/05/2024
<b>Direction Photo Taken:</b> South	



<b>Description:</b> Just south of H-2
--

# Appendix A

**Initial C-141 Form Incident # nAPP2418559790**

# nAPP2418559790 Graham Cracker 2 State 1H

## General Incident Information

Well:

Facility:

Operator: [\[229137\]](#) COG OPERATING LLC

Status: Active

Stage: Initial C-141 Approved, Pending submission of Site Characterization / Remediation Plan OR Remediation

Closure Report from the operator

Type: Produced Water Release

Severity:

Incident Location: M-02-26S-28E 0 FNL 0 FEL

Lat/Long: 32.066000001,-104.052000001 NAD83

District: Artesia

Surface Owner: State

County: Eddy (15)

---

## Severity Indicators

Resulted In Fire:

Endangered Public Health:

Fresh Water Contamination:

Resulted In Injury:

Will or Has Reached Watercourse:

Property Or Environmental Damage:

---

## Notes

Source of Referral: Industry Rep

Action / Escalation:

---

**Contact Details**

Contact Name:

Contact Title:

**Event Dates**

Date of Discovery: 06/28/2024

Initial C-141 Report Due: 7/15/2024

Remediation Closure Report Due: 09/26/2024

Incident Dates

**19.15.29 NMAC - RELEASES**

Type	Action	Received	Denied	Approved
Initial C-141 Report	[384197]	09/17/2024		09/17/2024
Notification	[361107]	07/03/2024		07/03/2024

**19.15.30 NMAC - REMEDIATION**

Type	Action	Received	Denied	Approved
------	--------	----------	--------	----------

Compositional Analysis of Vented and/or Flared Natural Gas

No Compositional Analysis Found

Incident Materials

Cause	Source	Material	Volume				Units
			Unk.	Released	Recovered	Lost	
Other	Flow Line - Production	Produced Water		53	45	8	BBL

Cause	Source	Material	Volume				Units
			Unk.	Released	Recovered	Lost	
The concentration of dissolved chloride in the produced water >10,000 mg/l:							
	Yes	No					

# Appendix B

## DTGWB Drilling Log

32.059106, -104.077478

Pg 1 of 1



**BORING LOG**

Well No.: DTWB-1 Date Drilled: 8/31/23  
 Client Name: ConocoPhillips  
 Site Location: SRO SWD 4104 Melange, NM  
 Project No.: 30190846 Drilling Method: Air Rotary  
 Logged By: Sarah Nolen Sample Method: Grab  
 Drilling Co.: West Texas Water Well Driller: Calb

Hand Auger

Device	Sample / Core Interval		P. I. D. (PPM)		Sample Analysis	U. S. C. S.	Description Depth (ft)		Description  (Lithology, Munsell Color, Grain Size w/percentages (most to least), Roundness, Sorting, Consistency/Hardness, Moisture Content, Bedding, Fractures, Additional Remarks)
	Depth (ft)	Recovery (ft)	Depth (ft)	Reading			from	to	
AR	0-4	100%					0	10	Sandy silt w/ fine sgr 1/2 Dark reddish brown, very fine, sub-ang - sub angular moderately sorted, little - trace small sub rounded pebbles, NO plasticity, Dry loose
	4-10	"							
	10-20	"							
	20-30	"							
	30-40	"							
	40-50	"					10	27	Sandy silt sgr 2/3 light reddish brown, very fine well sorted sub rounded - sub angular NO plasticity, Dry
	50-60	"							
	60-70	"							
	70-80	"							
	80-90	"					27	54	Silt, sgr 5/4 reddish brown med stiff, friable, Dry
	90-102	30							
								54	67
							67	78	Silty sand sgr 5/3 reddish brown very fine - fine sub rounded - sub angular well sorted, loose NO plasticity, med stiff Dry.
							78	82	Sandy silt sgr 4/4 very fine sub rounded sub angular, well sorted no plasticity, med stiff, Dry.
							82	99	Silty sand 10 gr 5/6 yellowish brown fine to med grain sub rounded - sub angular, moderately sorted, tr some silt lenses, tr - some gypsum crystals, loose - poorly consolidated Dry.
							99	102	Silty sand 10 gr 5/6, fine to med grain, sub rounded - sub angular, some gypsum crystals, low recovery, poorly consolidated Dry. @ 102 very hard. Due to vibration hole started to cave in. Rig nearly got stuck. Casing set @ 86.19
									Gauge dry @ 86.20 9/5/23

# Appendix C

## Site Characterization

Legend

- Water, Active
- Water, Cancelled
- Water, New
- Water, Plugged
- Water, Temporarily Abandoned
- Reclamation Fund

Permian Basin Karst Areas

Critical Karst Resource Area

Karst Occurrence Potential

Potential

- High
- Medium
- Low

OCD Districts

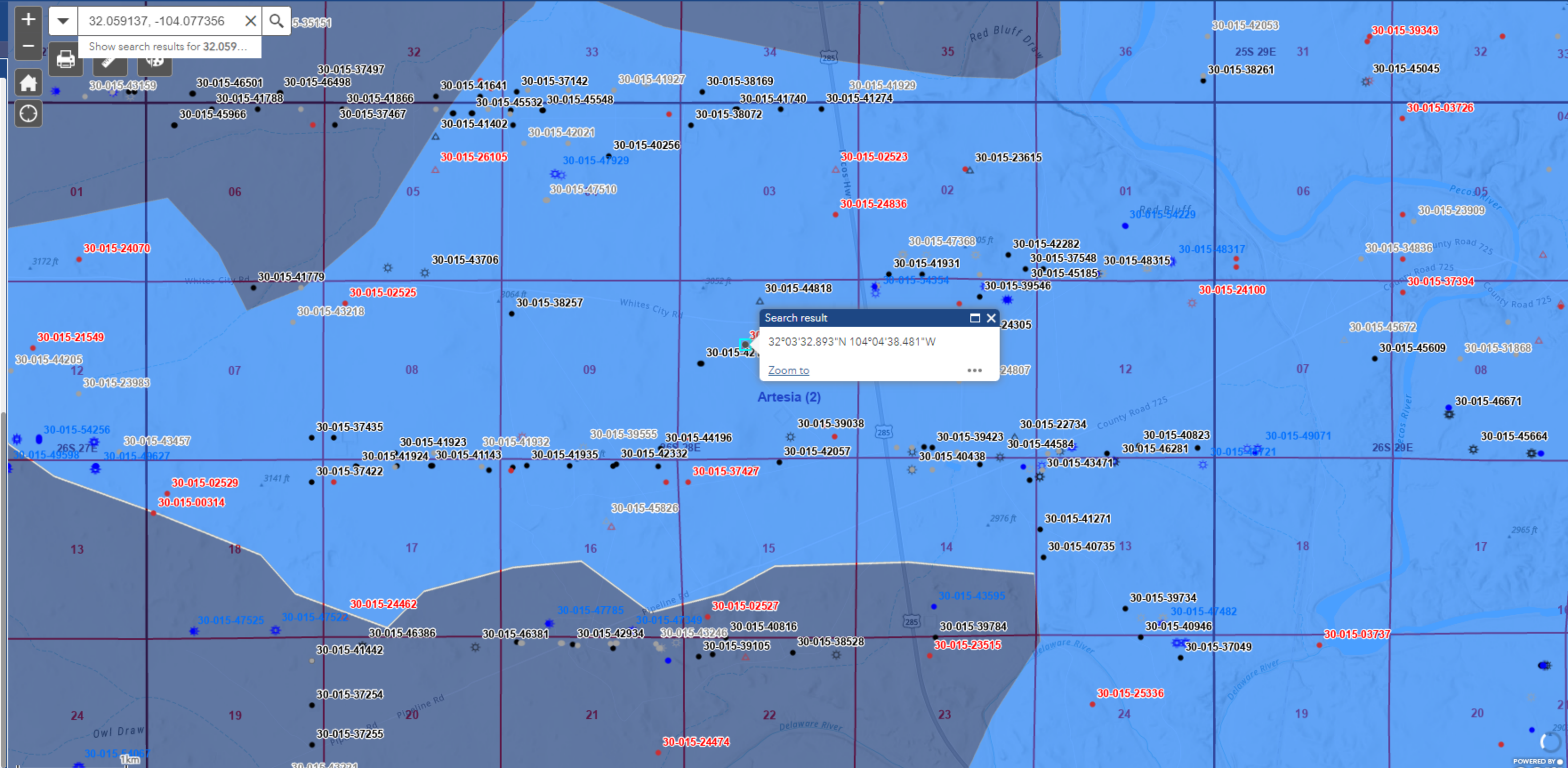
OCD District Offices

OCD Districts

Public Land Survey System (PLSS)

PLSS Townships

PLSS First Division



Legend

**Hydrology**

NMED Drinking Water Systems

OSE Streams

OSE Probable Playas

OSW Water Bods

**OCD Districts**

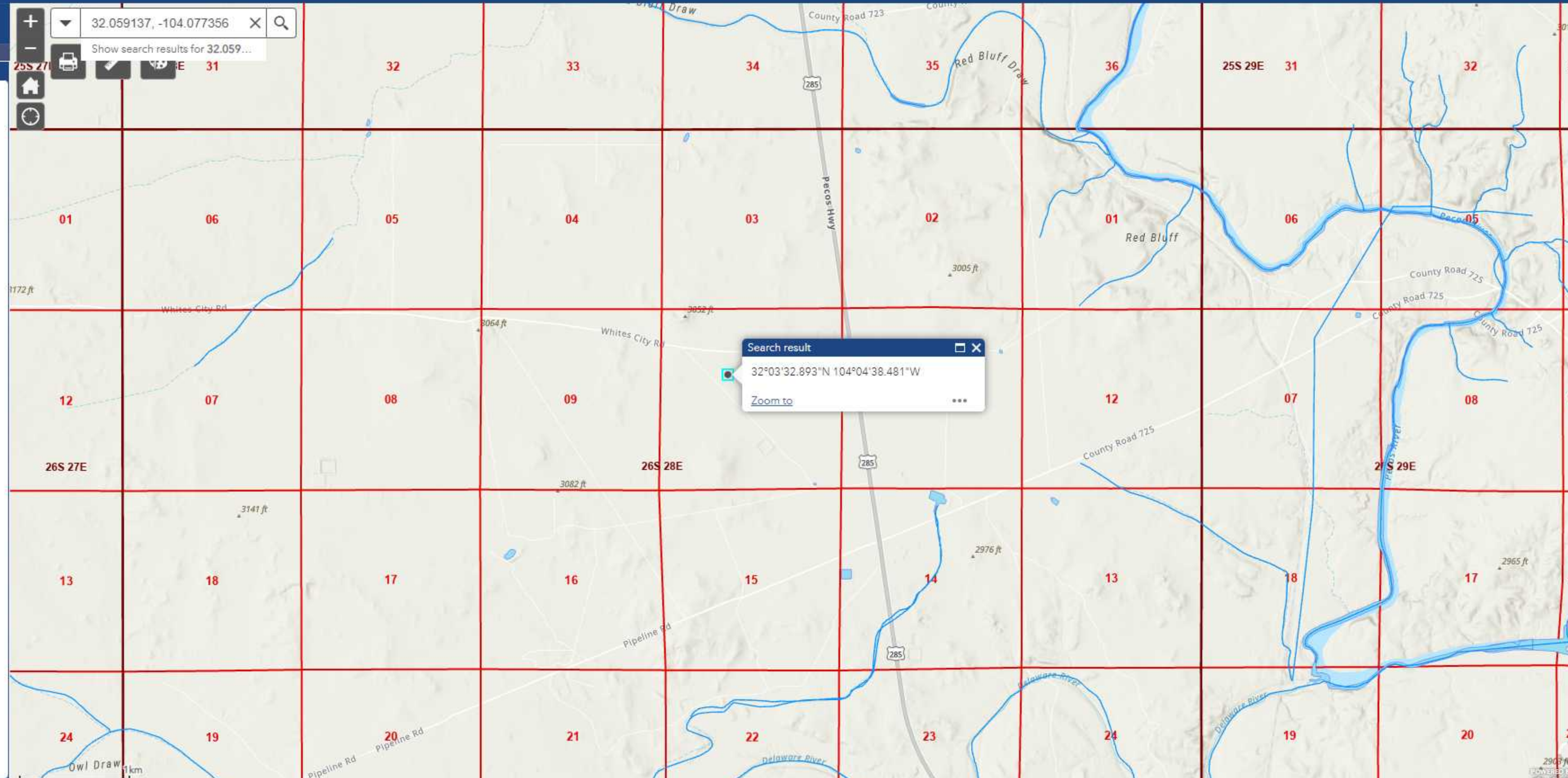
OCD District Offices

OCD Districts

**Public Land Survey System (PLSS)**

PLSS Townships

PLSS First Division





- Legend**
- water, temporarily Abandoned
  - Reclamation Fund

**Mineral and Surface Ownership**

**Land Ownership**

- BLM
- BOR
- DOD
- DOE
- FS
- FWS
- I
- NPS
- P
- S
- SGF
- SP
- USDA
- VCNP

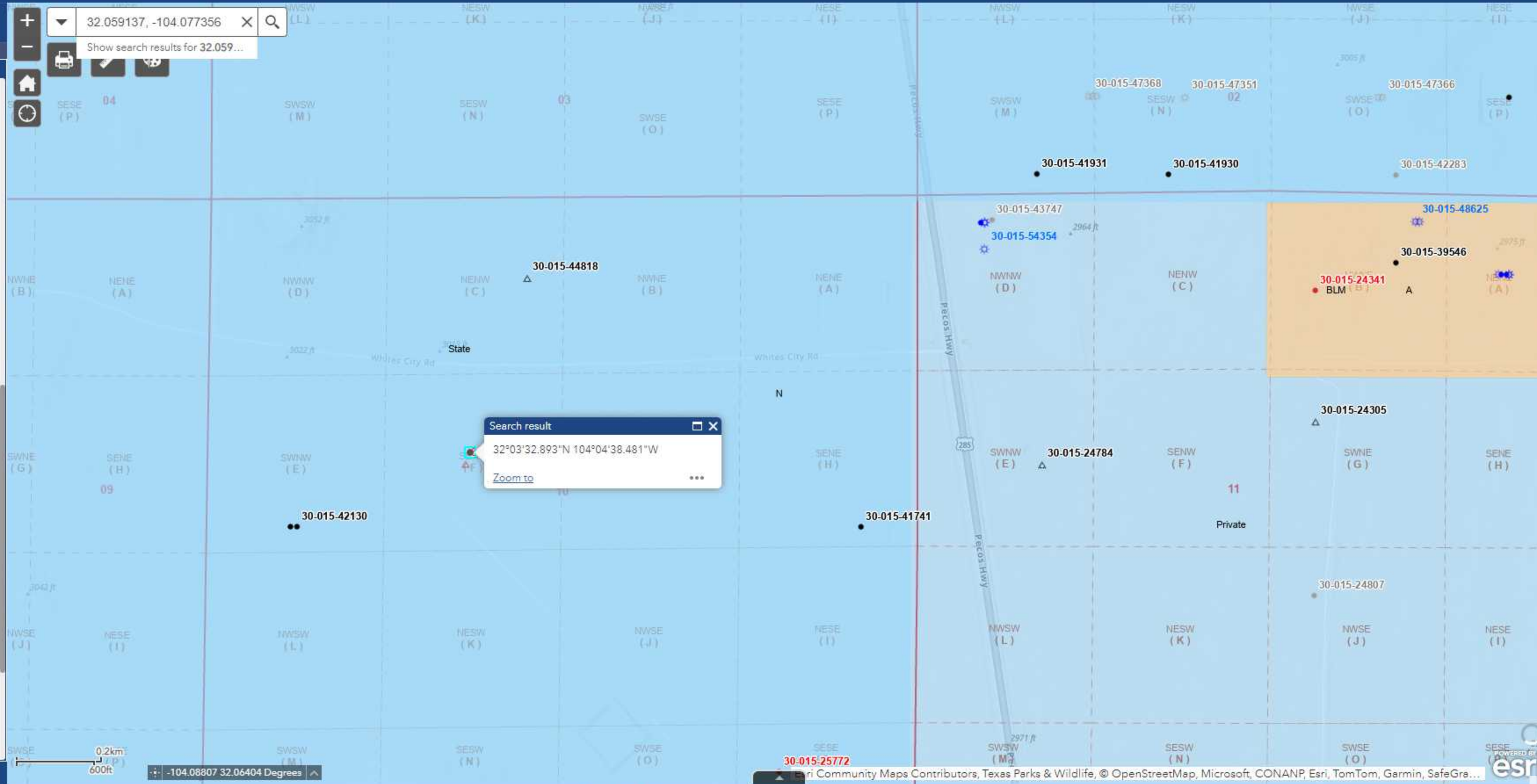
**Mineral Ownership**

**minown**

- A-All minerals are owned by U.S.
- C-Only coal is owned by the U.S.
- G-Only oil, gas and coal are owned by the U.S.
- N-No minerals are owned by the U.S.
- O-Only oil and gas are owned by the U.S.
- T-Other minerals are owned by the U.S.

**OCD Districts**

**OCD District Offices**



32.059137,-104.077356

Show search results for 32.059137,-1...

Search result

32°03'32.893"N 104°04'38.481"W

[Zoom to](#)

Eddy County  
350120

35015C1850D  
eff. 6/4/2010

### Legend

**Effective FIRM Panels**

GeoIndex

- No Digital Data Available
- Digital Data Available
- Unmapped

**NFHL**

LOMRs

- Effective

Political Jurisdictions

- 

Profile Baselines

- 

Levees

- 

Coastal Transects

- 

Transect Baselines

- 

Limit of Moderate Wave Action

- 

**Flood Hazard Boundaries**

- Limit Lines
- SFHA / Flood Zone Boundary
- Flowage Easement Boundary

**Flood Hazard Zones**

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Risk Due to Levee
- Area with Risk Due to Levee

Primary Frontal Dunes

-

# Appendix D

## CRI Cover Sheet



Stephanie Garcia Richard, Commissioner of Public Lands  
State of New Mexico

### NMSLO Cultural Resources Cover Sheet Exhibit

**NMCRIS Activity Number:**

(if applicable)

**Exhibit Type** (select one)

**ARMS Inspection/Review** - Summarize the results (select one):

- (A) The entire area of potential effect or project area has been previously surveyed to current standards and **no cultural properties** were found within the survey area.
- (B) The entire area of potential effect or project area has been previously surveyed to current standards and **cultural properties were found** within the survey area.
- (C) The entire area of potential effect or project area has **not** been previously surveyed or **has not been surveyed** to current standards. A complete archaeological survey will be conducted and submitted for review.

**Archaeological Survey**

**Findings:**

**Negative** - No further archaeological review is required.

**Positive** - Have avoidance and protection measures been devised? Select one:

**Comments:**

**Project Details:**

NMSLO Lease Number (if available):

Cultural Resources Consultant:

Project Proponent (Applicant):

Project Title/Description:

**Project Location:**

County(ies):

PLSS/Section/Township/Range):

---

**For NMSLO Agency Use Only:**

NMSLO Lease Number:

Acknowledgment-Only:

Lease Analyst:

Date Exhibit Routed to Cultural Resources Office:

---

*No person may alter the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.*


Form Revised 12 22


# Appendix E

## NMOCD Correspondence

Wells, Shelly, EMNRD <shelly.wells@emnrd.nm.gov>

  Reply  Reply all

To:  Nixon, Justin

Cc:  Tavarez, Ike

 This sender shelly.wells@emnrd.nm.gov is from outside your organization.

**Arcadis Warning:** Exercise caution with email messages from external sources such as this message. Always verify the sender and avoid clicking on links or scanning QR codes unless certain of their authenticity.

Hi Justin,

I am in receipt of both of your messages. Because this release is out of compliance, an extension can not be granted. A karst survey is not required to be conducted for the means of remediating to Table I standards, as this release (located in medium karst) occurred prior to the Karst Potential Occurrence Zones Press Release of December 1, 2024. Should it lie within any of the setbacks listed in 19.15.29.1 release must be treated as if it occurred less than 50 feet to ground water in Table I.

Kind regards,

Shelly

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

# Appendix F

## Laboratory Analytical Results



Environment Testing

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

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Mike Carmona  
 Carmona Resources  
 310 W Wall St  
 Ste 500  
 Midland, Texas 79701  
 Generated 8/7/2024 1:39:17 PM

## JOB DESCRIPTION

Graham Cracker 2-1  
 Eddy County New Mexico

## JOB NUMBER

880-46860-1

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  
8/7/2024 1:39:17 PM

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

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

Client: Carmona Resources  
Project/Site: Graham Cracker 2-1

Laboratory Job ID: 880-46860-1  
SDG: Eddy County New Mexico

# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	3
Definitions/Glossary . . . . .	4
Case Narrative . . . . .	5
Client Sample Results . . . . .	6
Surrogate Summary . . . . .	10
QC Sample Results . . . . .	11
QC Association Summary . . . . .	15
Lab Chronicle . . . . .	17
Certification Summary . . . . .	19
Method Summary . . . . .	20
Sample Summary . . . . .	21
Chain of Custody . . . . .	22
Receipt Checklists . . . . .	23

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

## Definitions/Glossary

Client: Carmona Resources  
Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1  
SDG: Eddy County New Mexico

## Qualifiers

## GC VOA

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

## GC Semi VOA

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

## HPLC/IC

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

## Glossary

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

# Case Narrative

Client: Carmona Resources  
Project: Graham Cracker 2-1

Job ID: 880-46860-1

**Job ID: 880-46860-1**

**Eurofins Midland**

## Job Narrative 880-46860-1

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

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

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

### Receipt

The samples were received on 8/5/2024 2:10 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 3.0°C.

### Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: HA-1 (0-0.5') (880-46860-1), HA-2 (0-0.5') (880-46860-2), HA-3 (0-0.5') (880-46860-3), HA-4 (0-0.5') (880-46860-4) and HA-5 (0-0.5') (880-46860-5).

### GC VOA

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

### Diesel Range Organics

Method 8015MOD\_NM: The surrogate recovery for the blank associated with preparation batch 880-87563 and analytical batch 880-87595 was outside the upper control limits.

Method 8015MOD\_NM: Surrogate recovery for the following sample was outside control limits: (CCV 880-87595/21). Evidence of matrix interferences is not obvious.

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

### HPLC/IC

Method 300\_ORGFM\_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-87571 and analytical batch 880-87593 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1  
 SDG: Eddy County New Mexico

**Client Sample ID: HA-1 (0-0.5')**

**Lab Sample ID: 880-46860-1**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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		08/05/24 15:00	08/06/24 12:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 15:00	08/06/24 12:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 15:00	08/06/24 12:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/05/24 15:00	08/06/24 12:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 15:00	08/06/24 12:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/05/24 15:00	08/06/24 12:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	08/05/24 15:00	08/06/24 12:28	1
1,4-Difluorobenzene (Surr)	102		70 - 130	08/05/24 15:00	08/06/24 12:28	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			08/06/24 12:28	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			08/06/24 11:27	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		08/05/24 15:20	08/06/24 11:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/05/24 15:20	08/06/24 11:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/05/24 15:20	08/06/24 11:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	08/05/24 15:20	08/06/24 11:27	1
o-Terphenyl	111		70 - 130	08/05/24 15:20	08/06/24 11:27	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	464	F1	4.96		mg/Kg			08/06/24 16:54	1

**Client Sample ID: HA-2 (0-0.5')**

**Lab Sample ID: 880-46860-2**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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		08/05/24 15:00	08/06/24 12:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 15:00	08/06/24 12:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 15:00	08/06/24 12:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/05/24 15:00	08/06/24 12:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 15:00	08/06/24 12:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/05/24 15:00	08/06/24 12:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	08/05/24 15:00	08/06/24 12:48	1
1,4-Difluorobenzene (Surr)	101		70 - 130	08/05/24 15:00	08/06/24 12:48	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1  
 SDG: Eddy County New Mexico

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

Lab Sample ID: 880-46860-2

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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			08/06/24 12:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/06/24 12:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 12:22	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 12:22	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 12:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				08/05/24 15:20	08/06/24 12:22	1
o-Terphenyl	92		70 - 130				08/05/24 15:20	08/06/24 12:22	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	217		4.96		mg/Kg			08/06/24 17:10	1

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

Lab Sample ID: 880-46860-3

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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		08/05/24 15:00	08/06/24 13:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/05/24 15:00	08/06/24 13:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/05/24 15:00	08/06/24 13:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/05/24 15:00	08/06/24 13:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/05/24 15:00	08/06/24 13:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/05/24 15:00	08/06/24 13:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				08/05/24 15:00	08/06/24 13:09	1
1,4-Difluorobenzene (Surr)	102		70 - 130				08/05/24 15:00	08/06/24 13:09	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			08/06/24 13:09	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			08/06/24 12:40	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		08/05/24 15:20	08/06/24 12:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/05/24 15:20	08/06/24 12:40	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1  
 SDG: Eddy County New Mexico

**Client Sample ID: HA-3 (0-0.5')**

**Lab Sample ID: 880-46860-3**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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		08/05/24 15:20	08/06/24 12:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				08/05/24 15:20	08/06/24 12:40	1
o-Terphenyl	90		70 - 130				08/05/24 15:20	08/06/24 12:40	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	188		4.98		mg/Kg			08/06/24 17:15	1

**Client Sample ID: HA-4 (0-0.5')**

**Lab Sample ID: 880-46860-4**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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		08/05/24 15:00	08/06/24 13:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 15:00	08/06/24 13:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 15:00	08/06/24 13:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/05/24 15:00	08/06/24 13:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 15:00	08/06/24 13:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/05/24 15:00	08/06/24 13:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				08/05/24 15:00	08/06/24 13:29	1
1,4-Difluorobenzene (Surr)	101		70 - 130				08/05/24 15:00	08/06/24 13:29	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			08/06/24 13:29	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			08/06/24 12:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/05/24 15:20	08/06/24 12:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/05/24 15:20	08/06/24 12:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/05/24 15:20	08/06/24 12:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				08/05/24 15:20	08/06/24 12:59	1
o-Terphenyl	97		70 - 130				08/05/24 15:20	08/06/24 12:59	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.2		5.02		mg/Kg			08/06/24 17:21	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1  
 SDG: Eddy County New Mexico

**Client Sample ID: HA-5 (0-0.5')**

**Lab Sample ID: 880-46860-5**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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		08/05/24 15:00	08/06/24 13:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 15:00	08/06/24 13:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 15:00	08/06/24 13:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/05/24 15:00	08/06/24 13:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 15:00	08/06/24 13:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/05/24 15:00	08/06/24 13:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	08/05/24 15:00	08/06/24 13:50	1
1,4-Difluorobenzene (Surr)	102		70 - 130	08/05/24 15:00	08/06/24 13:50	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			08/06/24 13:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/06/24 13:17	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		08/05/24 15:20	08/06/24 13:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/05/24 15:20	08/06/24 13:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/05/24 15:20	08/06/24 13:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	08/05/24 15:20	08/06/24 13:17	1
o-Terphenyl	100		70 - 130	08/05/24 15:20	08/06/24 13:17	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.12		4.97		mg/Kg			08/06/24 17:26	1

## Surrogate Summary

Client: Carmona Resources  
Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1  
SDG: Eddy County New Mexico

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-46860-1	HA-1 (0-0.5')	103	102
880-46860-2	HA-2 (0-0.5')	104	101
880-46860-3	HA-3 (0-0.5')	102	102
880-46860-4	HA-4 (0-0.5')	103	101
880-46860-5	HA-5 (0-0.5')	103	102
885-9088-A-33-A MS	Matrix Spike	100	99
885-9088-A-33-B MSD	Matrix Spike Duplicate	103	100
LCS 880-87502/1-A	Lab Control Sample	99	100
LCS 880-87502/2-A	Lab Control Sample Dup	99	99
MB 880-87502/5-A	Method Blank	99	98

## 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)
880-46860-1	HA-1 (0-0.5')	119	111
880-46860-1 MS	HA-1 (0-0.5')	96	88
880-46860-1 MSD	HA-1 (0-0.5')	98	91
880-46860-2	HA-2 (0-0.5')	105	92
880-46860-3	HA-3 (0-0.5')	101	90
880-46860-4	HA-4 (0-0.5')	110	97
880-46860-5	HA-5 (0-0.5')	111	100
LCS 880-87563/2-A	Lab Control Sample	94	88
LCS 880-87563/3-A	Lab Control Sample Dup	92	85
MB 880-87563/1-A	Method Blank	145 S1+	128

## Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1  
 SDG: Eddy County New Mexico

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

Lab Sample ID: MB 880-87502/5-A  
 Matrix: Solid  
 Analysis Batch: 87587

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 87502

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/05/24 11:16	08/06/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 11:16	08/06/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 11:16	08/06/24 11:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/05/24 11:16	08/06/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 11:16	08/06/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/05/24 11:16	08/06/24 11:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	08/05/24 11:16	08/06/24 11:25	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/05/24 11:16	08/06/24 11:25	1

Lab Sample ID: LCS 880-87502/1-A  
 Matrix: Solid  
 Analysis Batch: 87587

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 87502

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1012		mg/Kg		101	70 - 130
Toluene	0.100	0.1040		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.1041		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	0.200	0.2141		mg/Kg		107	70 - 130
o-Xylene	0.100	0.1060		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-87502/2-A  
 Matrix: Solid  
 Analysis Batch: 87587

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 87502

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09611		mg/Kg		96	70 - 130	5	35
Toluene	0.100	0.09914		mg/Kg		99	70 - 130	5	35
Ethylbenzene	0.100	0.09889		mg/Kg		99	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2032		mg/Kg		102	70 - 130	5	35
o-Xylene	0.100	0.1006		mg/Kg		101	70 - 130	5	35

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

Lab Sample ID: 885-9088-A-33-A MS  
 Matrix: Solid  
 Analysis Batch: 87587

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 87502

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.09011		mg/Kg		90	70 - 130
Toluene	<0.00202	U	0.100	0.09311		mg/Kg		93	70 - 130

Eurofins Midland

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1  
 SDG: Eddy County New Mexico

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

Lab Sample ID: 885-9088-A-33-A MS  
 Matrix: Solid  
 Analysis Batch: 87587

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 87502

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00202	U	0.100	0.09318		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	<0.00404	U	0.200	0.1914		mg/Kg		96	70 - 130
o-Xylene	<0.00202	U	0.100	0.09428		mg/Kg		94	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 885-9088-A-33-B MSD  
 Matrix: Solid  
 Analysis Batch: 87587

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 87502

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.08693		mg/Kg		87	70 - 130	4	35
Toluene	<0.00202	U	0.100	0.09006		mg/Kg		90	70 - 130	3	35
Ethylbenzene	<0.00202	U	0.100	0.09080		mg/Kg		91	70 - 130	3	35
m-Xylene & p-Xylene	<0.00404	U	0.200	0.1877		mg/Kg		94	70 - 130	2	35
o-Xylene	<0.00202	U	0.100	0.09298		mg/Kg		93	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

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

Lab Sample ID: MB 880-87563/1-A  
 Matrix: Solid  
 Analysis Batch: 87595

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 87563

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		08/05/24 15:19	08/06/24 08:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/05/24 15:19	08/06/24 08:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/05/24 15:19	08/06/24 08:46	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	145	S1+	70 - 130	08/05/24 15:19	08/06/24 08:46	1
o-Terphenyl	128		70 - 130	08/05/24 15:19	08/06/24 08:46	1

Lab Sample ID: LCS 880-87563/2-A  
 Matrix: Solid  
 Analysis Batch: 87595

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 87563

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1011		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	1000	871.0		mg/Kg		87	70 - 130

Eurofins Midland

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1  
 SDG: Eddy County New Mexico

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

**Lab Sample ID: LCS 880-87563/2-A**  
**Matrix: Solid**  
**Analysis Batch: 87595**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 87563**

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	94		70 - 130
o-Terphenyl	88		70 - 130

**Lab Sample ID: LCSD 880-87563/3-A**  
**Matrix: Solid**  
**Analysis Batch: 87595**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 87563**

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	990.7		mg/Kg		99	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	1000	824.9		mg/Kg		82	70 - 130	5	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	92		70 - 130
o-Terphenyl	85		70 - 130

**Lab Sample ID: 880-46860-1 MS**  
**Matrix: Solid**  
**Analysis Batch: 87595**

**Client Sample ID: HA-1 (0-0.5')**  
**Prep Type: Total/NA**  
**Prep Batch: 87563**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	993	985.4		mg/Kg		99	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	993	849.2		mg/Kg		86	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	96		70 - 130
o-Terphenyl	88		70 - 130

**Lab Sample ID: 880-46860-1 MSD**  
**Matrix: Solid**  
**Analysis Batch: 87595**

**Client Sample ID: HA-1 (0-0.5')**  
**Prep Type: Total/NA**  
**Prep Batch: 87563**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	993	979.4		mg/Kg		99	70 - 130	1
Diesel Range Organics (Over C10-C28)	<49.9	U	993	890.2		mg/Kg		90	70 - 130	5

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	98		70 - 130
o-Terphenyl	91		70 - 130

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1  
 SDG: Eddy County New Mexico

#### Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-87571/1-A  
 Matrix: Solid  
 Analysis Batch: 87593

Client Sample ID: Method Blank  
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/06/24 16:39	1

Lab Sample ID: LCS 880-87571/2-A  
 Matrix: Solid  
 Analysis Batch: 87593

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	231.1		mg/Kg		92	90 - 110

Lab Sample ID: LCSD 880-87571/3-A  
 Matrix: Solid  
 Analysis Batch: 87593

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	231.9		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-46860-1 MS  
 Matrix: Solid  
 Analysis Batch: 87593

Client Sample ID: HA-1 (0-0.5')  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	464	F1	248	751.5	F1	mg/Kg		116	90 - 110

Lab Sample ID: 880-46860-1 MSD  
 Matrix: Solid  
 Analysis Batch: 87593

Client Sample ID: HA-1 (0-0.5')  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	464	F1	248	752.0	F1	mg/Kg		116	90 - 110	0	20

### QC Association Summary

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1  
 SDG: Eddy County New Mexico

#### GC VOA

##### Prep Batch: 87502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46860-1	HA-1 (0-0.5')	Total/NA	Solid	5035	
880-46860-2	HA-2 (0-0.5')	Total/NA	Solid	5035	
880-46860-3	HA-3 (0-0.5')	Total/NA	Solid	5035	
880-46860-4	HA-4 (0-0.5')	Total/NA	Solid	5035	
880-46860-5	HA-5 (0-0.5')	Total/NA	Solid	5035	
MB 880-87502/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-87502/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-87502/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
885-9088-A-33-A MS	Matrix Spike	Total/NA	Solid	5035	
885-9088-A-33-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

##### Analysis Batch: 87587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46860-1	HA-1 (0-0.5')	Total/NA	Solid	8021B	87502
880-46860-2	HA-2 (0-0.5')	Total/NA	Solid	8021B	87502
880-46860-3	HA-3 (0-0.5')	Total/NA	Solid	8021B	87502
880-46860-4	HA-4 (0-0.5')	Total/NA	Solid	8021B	87502
880-46860-5	HA-5 (0-0.5')	Total/NA	Solid	8021B	87502
MB 880-87502/5-A	Method Blank	Total/NA	Solid	8021B	87502
LCS 880-87502/1-A	Lab Control Sample	Total/NA	Solid	8021B	87502
LCSD 880-87502/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	87502
885-9088-A-33-A MS	Matrix Spike	Total/NA	Solid	8021B	87502
885-9088-A-33-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	87502

##### Analysis Batch: 87753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46860-1	HA-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-46860-2	HA-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-46860-3	HA-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-46860-4	HA-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-46860-5	HA-5 (0-0.5')	Total/NA	Solid	Total BTEX	

#### GC Semi VOA

##### Prep Batch: 87563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46860-1	HA-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-46860-2	HA-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-46860-3	HA-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-46860-4	HA-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-46860-5	HA-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-87563/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-87563/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-87563/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-46860-1 MS	HA-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-46860-1 MSD	HA-1 (0-0.5')	Total/NA	Solid	8015NM Prep	

##### Analysis Batch: 87595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46860-1	HA-1 (0-0.5')	Total/NA	Solid	8015B NM	87563
880-46860-2	HA-2 (0-0.5')	Total/NA	Solid	8015B NM	87563

Eurofins Midland

## QC Association Summary

Client: Carmona Resources  
Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1  
SDG: Eddy County New Mexico

## GC Semi VOA (Continued)

## Analysis Batch: 87595 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46860-3	HA-3 (0-0.5')	Total/NA	Solid	8015B NM	87563
880-46860-4	HA-4 (0-0.5')	Total/NA	Solid	8015B NM	87563
880-46860-5	HA-5 (0-0.5')	Total/NA	Solid	8015B NM	87563
MB 880-87563/1-A	Method Blank	Total/NA	Solid	8015B NM	87563
LCS 880-87563/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	87563
LCSD 880-87563/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	87563
880-46860-1 MS	HA-1 (0-0.5')	Total/NA	Solid	8015B NM	87563
880-46860-1 MSD	HA-1 (0-0.5')	Total/NA	Solid	8015B NM	87563

## Analysis Batch: 87761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46860-1	HA-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-46860-2	HA-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-46860-3	HA-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-46860-4	HA-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-46860-5	HA-5 (0-0.5')	Total/NA	Solid	8015 NM	

## HPLC/IC

## Leach Batch: 87571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46860-1	HA-1 (0-0.5')	Soluble	Solid	DI Leach	
880-46860-2	HA-2 (0-0.5')	Soluble	Solid	DI Leach	
880-46860-3	HA-3 (0-0.5')	Soluble	Solid	DI Leach	
880-46860-4	HA-4 (0-0.5')	Soluble	Solid	DI Leach	
880-46860-5	HA-5 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-87571/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-87571/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-87571/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-46860-1 MS	HA-1 (0-0.5')	Soluble	Solid	DI Leach	
880-46860-1 MSD	HA-1 (0-0.5')	Soluble	Solid	DI Leach	

## Analysis Batch: 87593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46860-1	HA-1 (0-0.5')	Soluble	Solid	300.0	87571
880-46860-2	HA-2 (0-0.5')	Soluble	Solid	300.0	87571
880-46860-3	HA-3 (0-0.5')	Soluble	Solid	300.0	87571
880-46860-4	HA-4 (0-0.5')	Soluble	Solid	300.0	87571
880-46860-5	HA-5 (0-0.5')	Soluble	Solid	300.0	87571
MB 880-87571/1-A	Method Blank	Soluble	Solid	300.0	87571
LCS 880-87571/2-A	Lab Control Sample	Soluble	Solid	300.0	87571
LCSD 880-87571/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	87571
880-46860-1 MS	HA-1 (0-0.5')	Soluble	Solid	300.0	87571
880-46860-1 MSD	HA-1 (0-0.5')	Soluble	Solid	300.0	87571

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1  
 SDG: Eddy County New Mexico

**Client Sample ID: HA-1 (0-0.5')**

**Lab Sample ID: 880-46860-1**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87502	08/05/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87587	08/06/24 12:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87753	08/06/24 12:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			87761	08/06/24 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 11:27	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87593	08/06/24 16:54	CH	EET MID

**Client Sample ID: HA-2 (0-0.5')**

**Lab Sample ID: 880-46860-2**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87502	08/05/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87587	08/06/24 12:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87753	08/06/24 12:48	AJ	EET MID
Total/NA	Analysis	8015 NM		1			87761	08/06/24 12:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 12:22	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87593	08/06/24 17:10	CH	EET MID

**Client Sample ID: HA-3 (0-0.5')**

**Lab Sample ID: 880-46860-3**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87502	08/05/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87587	08/06/24 13:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87753	08/06/24 13:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			87761	08/06/24 12:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 12:40	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87593	08/06/24 17:15	CH	EET MID

**Client Sample ID: HA-4 (0-0.5')**

**Lab Sample ID: 880-46860-4**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87502	08/05/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87587	08/06/24 13:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87753	08/06/24 13:29	AJ	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1  
 SDG: Eddy County New Mexico

**Client Sample ID: HA-4 (0-0.5')**

**Lab Sample ID: 880-46860-4**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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			87761	08/06/24 12:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 12:59	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87593	08/06/24 17:21	CH	EET MID

**Client Sample ID: HA-5 (0-0.5')**

**Lab Sample ID: 880-46860-5**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87502	08/05/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87587	08/06/24 13:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87753	08/06/24 13:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			87761	08/06/24 13:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 13:17	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87593	08/06/24 17:26	CH	EET MID

**Laboratory References:**

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

### Accreditation/Certification Summary

Client: Carmona Resources  
Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1  
SDG: Eddy County New Mexico

#### Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

### Method Summary

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1  
 SDG: Eddy County New Mexico

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

**Protocol References:**

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

**Laboratory References:**

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



### Sample Summary

Client: Carmona Resources  
Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1  
SDG: Eddy County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-46860-1	HA-1 (0-0.5')	Solid	08/05/24 00:00	08/05/24 14:10
880-46860-2	HA-2 (0-0.5')	Solid	08/05/24 00:00	08/05/24 14:10
880-46860-3	HA-3 (0-0.5')	Solid	08/05/24 00:00	08/05/24 14:10
880-46860-4	HA-4 (0-0.5')	Solid	08/05/24 00:00	08/05/24 14:10
880-46860-5	HA-5 (0-0.5')	Solid	08/05/24 00:00	08/05/24 14:10

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



880-46860 Chain of Custody

Chain of Custody

Page 1 of 1

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

**Bill to: (if different)** Carmona Resources  
**Company Name:**  
**Address:**  
**City, State ZIP:**

**Work Order Comments**  
 Program: UST/PST PRP Ironfields IRC perfund  
 State of Project: Level II Level III ST/UST RRP Level IV  
 Deliverables: EDD ADaPT Other:

**Project Name:** Graham Cracker 2-1  
**Project Number:** 2463  
**Project Location:** Eddy County, New Mexico  
**Sampler's Name:** DD & PB  
**PO #:**

**Turn Around**  
 Routine  Rush 72 HR  
**Due Date:**

**SAMPLE RECEIPT**  
 Received Intact: Yes  No  Wet Ice: Yes  No   
 Cooler Custody Seals: Yes  No  Thermometer ID:   
 Sample Custody Seals: Yes  No  Correction Factor:   
 Total Containers:  Temperature Reading:   
 Corrected Temperature:

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST		Preservative Codes
							Pres. Code	Parameters	
H-1 (0-0.5')	8/5/2024		X		G	1	BTEX 8021B		None: NO DI Water: H <sub>2</sub> O Cool: Cool MeOH: Me HCL: HC HNO <sub>3</sub> : HN H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
H-2 (0-0.5')	8/5/2024		X		G	1	TPH 8015M (GRO + DRO + MRO)		
H-3 (0-0.5')	8/5/2024		X		G	1	Chloride 300.0		
H-4 (0-0.5')	8/5/2024		X		G	1			
H-5 (0-0.5')	8/5/2024		X		G	1			

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

**Relinquished by: (Signature)** *[Signature]*  
**Date/Time** 8-5-24 11:10  
**Received by: (Signature)** *[Signature]*  
**Date/Time** 8/5/24 14:10



### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-46860-1  
SDG Number: Eddy County New Mexico

Login Number: 46860

List Number: 1

Creator: Kramer, Jessica

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.	True	
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	

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



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

Generated 8/7/2024 2:34:05 PM

## JOB DESCRIPTION

Graham Cracker 2-1  
 Eddy County New Mexico

## JOB NUMBER

880-46861-1

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  
8/7/2024 2:34:05 PM

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

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

Client: Carmona Resources  
Project/Site: Graham Cracker 2-1

Laboratory Job ID: 880-46861-1  
SDG: Eddy County New Mexico

# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	3
Definitions/Glossary . . . . .	4
Case Narrative . . . . .	5
Client Sample Results . . . . .	6
Surrogate Summary . . . . .	17
QC Sample Results . . . . .	19
QC Association Summary . . . . .	23
Lab Chronicle . . . . .	27
Certification Summary . . . . .	32
Method Summary . . . . .	33
Sample Summary . . . . .	34
Chain of Custody . . . . .	35
Receipt Checklists . . . . .	37

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

## Definitions/Glossary

Client: Carmona Resources  
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
SDG: Eddy County New Mexico

## Qualifiers

## GC VOA

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

## GC Semi VOA

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

## HPLC/IC

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

## Glossary

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

**Case Narrative**

Client: Carmona Resources  
Project: Graham Cracker 2-1

Job ID: 880-46861-1

**Job ID: 880-46861-1****Eurofins Midland**

**Job Narrative**  
**880-46861-1**

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

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

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

**Receipt**

The samples were received on 8/5/2024 2:10 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 3.0°C.

**Receipt Exceptions**

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-1') (880-46861-1), S-1 (1.5') (880-46861-2), S-2 (0-1') (880-46861-3), S-2 (1.5') (880-46861-4), S-2 (2') (880-46861-5), S-2 (3') (880-46861-6), S-3 (0-1') (880-46861-7), S-3 (1.5') (880-46861-8), S-3 (2') (880-46861-9), S-4 (0-1') (880-46861-10), S-4 (1.5') (880-46861-11), S-4 (2') (880-46861-12), S-4 (3') (880-46861-13) and S-4 (4') (880-46861-14).

**GC VOA**

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

**Diesel Range Organics**

Method 8015MOD\_NM: The surrogate recovery for the blank associated with preparation batch 880-87563 and analytical batch 880-87595 was outside the upper control limits.

Method 8015MOD\_NM: Surrogate recovery for the following sample was outside control limits: (CCV 880-87595/21). Evidence of matrix interferences is not obvious.

Method 8015MOD\_NM: The continuing calibration verification (CCV) associated with batch 880-87595 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV have a qualifying CCV 10 samples before and 10 samples afterward, and they are thereby reported without issue.

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

**HPLC/IC**

Method 300\_ORGFM\_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-87571 and analytical batch 880-87593 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
 SDG: Eddy County New Mexico

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

**Lab Sample ID: 880-46861-1**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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		08/05/24 14:54	08/06/24 11:47	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/05/24 14:54	08/06/24 11:47	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/05/24 14:54	08/06/24 11:47	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/05/24 14:54	08/06/24 11:47	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/05/24 14:54	08/06/24 11:47	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/05/24 14:54	08/06/24 11:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	08/05/24 14:54	08/06/24 11:47	1
1,4-Difluorobenzene (Surr)	101		70 - 130	08/05/24 14:54	08/06/24 11:47	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			08/06/24 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/06/24 13:35	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	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 13:35	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 13:35	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 13:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	08/05/24 15:20	08/06/24 13:35	1
o-Terphenyl	101		70 - 130	08/05/24 15:20	08/06/24 13:35	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6150		50.2		mg/Kg			08/06/24 17:42	10

**Client Sample ID: S-1 (1.5')**

**Lab Sample ID: 880-46861-2**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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		08/05/24 14:54	08/06/24 12:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:54	08/06/24 12:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:54	08/06/24 12:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/05/24 14:54	08/06/24 12:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:54	08/06/24 12:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/05/24 14:54	08/06/24 12:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	08/05/24 14:54	08/06/24 12:07	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/05/24 14:54	08/06/24 12:07	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
 SDG: Eddy County New Mexico

**Client Sample ID: S-1 (1.5')**

**Lab Sample ID: 880-46861-2**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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			08/06/24 12:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/06/24 13:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/05/24 15:20	08/06/24 13:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/05/24 15:20	08/06/24 13:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/05/24 15:20	08/06/24 13:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	08/05/24 15:20	08/06/24 13:53	1
o-Terphenyl	92		70 - 130	08/05/24 15:20	08/06/24 13:53	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4230		49.9		mg/Kg			08/06/24 17:47	10

**Client Sample ID: S-2 (0-1')**

**Lab Sample ID: 880-46861-3**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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		08/05/24 14:54	08/06/24 12:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:54	08/06/24 12:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:54	08/06/24 12:28	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/05/24 14:54	08/06/24 12:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:54	08/06/24 12:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/05/24 14:54	08/06/24 12:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	08/05/24 14:54	08/06/24 12:28	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/05/24 14:54	08/06/24 12:28	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			08/06/24 12:28	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			08/06/24 14:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/05/24 15:20	08/06/24 14:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/05/24 15:20	08/06/24 14:12	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
 SDG: Eddy County New Mexico

**Client Sample ID: S-2 (0-1')**

**Lab Sample ID: 880-46861-3**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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		08/05/24 15:20	08/06/24 14:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				08/05/24 15:20	08/06/24 14:12	1
o-Terphenyl	96		70 - 130				08/05/24 15:20	08/06/24 14:12	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24400		250		mg/Kg			08/06/24 17:52	50

**Client Sample ID: S-2 (1.5')**

**Lab Sample ID: 880-46861-4**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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		08/05/24 14:54	08/06/24 12:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/05/24 14:54	08/06/24 12:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/05/24 14:54	08/06/24 12:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/05/24 14:54	08/06/24 12:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/05/24 14:54	08/06/24 12:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/05/24 14:54	08/06/24 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				08/05/24 14:54	08/06/24 12:48	1
1,4-Difluorobenzene (Surr)	97		70 - 130				08/05/24 14:54	08/06/24 12:48	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/06/24 12:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/06/24 14:30	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	<49.9	U	49.9		mg/Kg		08/05/24 15:20	08/06/24 14:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/05/24 15:20	08/06/24 14:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/05/24 15:20	08/06/24 14:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				08/05/24 15:20	08/06/24 14:30	1
o-Terphenyl	87		70 - 130				08/05/24 15:20	08/06/24 14:30	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8560		100		mg/Kg			08/06/24 17:57	20

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
 SDG: Eddy County New Mexico

**Client Sample ID: S-2 (2')**

**Lab Sample ID: 880-46861-5**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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		08/05/24 14:55	08/06/24 13:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/05/24 14:55	08/06/24 13:09	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/05/24 14:55	08/06/24 13:09	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/05/24 14:55	08/06/24 13:09	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/05/24 14:55	08/06/24 13:09	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/05/24 14:55	08/06/24 13:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	08/05/24 14:55	08/06/24 13:09	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/05/24 14:55	08/06/24 13:09	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			08/06/24 13:09	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			08/06/24 14:48	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	<49.9	U	49.9		mg/Kg		08/05/24 15:20	08/06/24 14:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/05/24 15:20	08/06/24 14:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/05/24 15:20	08/06/24 14:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	08/05/24 15:20	08/06/24 14:48	1
o-Terphenyl	92		70 - 130	08/05/24 15:20	08/06/24 14:48	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1850		24.9		mg/Kg			08/06/24 18:02	5

**Client Sample ID: S-2 (3')**

**Lab Sample ID: 880-46861-6**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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		08/05/24 14:55	08/06/24 13:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/05/24 14:55	08/06/24 13:30	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/05/24 14:55	08/06/24 13:30	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/05/24 14:55	08/06/24 13:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/05/24 14:55	08/06/24 13:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/05/24 14:55	08/06/24 13:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/05/24 14:55	08/06/24 13:30	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/05/24 14:55	08/06/24 13:30	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
 SDG: Eddy County New Mexico

**Client Sample ID: S-2 (3')**

**Lab Sample ID: 880-46861-6**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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			08/06/24 13:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/06/24 15:25	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	<50.0	U	50.0		mg/Kg		08/05/24 15:20	08/06/24 15:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/05/24 15:20	08/06/24 15:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/05/24 15:20	08/06/24 15:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				08/05/24 15:20	08/06/24 15:25	1
o-Terphenyl	99		70 - 130				08/05/24 15:20	08/06/24 15:25	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1470	F1	24.9		mg/Kg			08/06/24 18:08	5

**Client Sample ID: S-3 (0-1')**

**Lab Sample ID: 880-46861-7**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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		08/05/24 14:55	08/06/24 13:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 13:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 13:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/05/24 14:55	08/06/24 13:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 13:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/05/24 14:55	08/06/24 13:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				08/05/24 14:55	08/06/24 13:50	1
1,4-Difluorobenzene (Surr)	98		70 - 130				08/05/24 14:55	08/06/24 13:50	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			08/06/24 13:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/06/24 15:43	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		08/05/24 15:20	08/06/24 15:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/05/24 15:20	08/06/24 15:43	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
 SDG: Eddy County New Mexico

**Client Sample ID: S-3 (0-1')**

**Lab Sample ID: 880-46861-7**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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		08/05/24 15:20	08/06/24 15:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				08/05/24 15:20	08/06/24 15:43	1
o-Terphenyl	89		70 - 130				08/05/24 15:20	08/06/24 15:43	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		99.2		mg/Kg			08/06/24 18:24	20

**Client Sample ID: S-3 (1.5')**

**Lab Sample ID: 880-46861-8**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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		08/05/24 14:55	08/06/24 14:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/05/24 14:55	08/06/24 14:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/05/24 14:55	08/06/24 14:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/05/24 14:55	08/06/24 14:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/05/24 14:55	08/06/24 14:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/05/24 14:55	08/06/24 14:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				08/05/24 14:55	08/06/24 14:11	1
1,4-Difluorobenzene (Surr)	101		70 - 130				08/05/24 14:55	08/06/24 14:11	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			08/06/24 14:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/06/24 16:02	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		08/05/24 15:20	08/06/24 16:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/05/24 15:20	08/06/24 16:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/05/24 15:20	08/06/24 16:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				08/05/24 15:20	08/06/24 16:02	1
o-Terphenyl	104		70 - 130				08/05/24 15:20	08/06/24 16:02	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4660		50.2		mg/Kg			08/06/24 18:29	10

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
 SDG: Eddy County New Mexico

**Client Sample ID: S-3 (2')**

**Lab Sample ID: 880-46861-9**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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		08/05/24 14:55	08/06/24 14:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 14:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 14:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/05/24 14:55	08/06/24 14:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 14:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/05/24 14:55	08/06/24 14:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	08/05/24 14:55	08/06/24 14:31	1
1,4-Difluorobenzene (Surr)	101		70 - 130	08/05/24 14:55	08/06/24 14:31	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			08/06/24 14:31	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			08/06/24 16:20	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	<50.0	U	50.0		mg/Kg		08/05/24 15:20	08/06/24 16:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/05/24 15:20	08/06/24 16:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/05/24 15:20	08/06/24 16:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	08/05/24 15:20	08/06/24 16:20	1
o-Terphenyl	92		70 - 130	08/05/24 15:20	08/06/24 16:20	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8290		100		mg/Kg			08/06/24 18:45	20

**Client Sample ID: S-4 (0-1')**

**Lab Sample ID: 880-46861-10**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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		08/05/24 14:55	08/06/24 14:52	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/05/24 14:55	08/06/24 14:52	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/05/24 14:55	08/06/24 14:52	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/05/24 14:55	08/06/24 14:52	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/05/24 14:55	08/06/24 14:52	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/05/24 14:55	08/06/24 14:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	08/05/24 14:55	08/06/24 14:52	1
1,4-Difluorobenzene (Surr)	96		70 - 130	08/05/24 14:55	08/06/24 14:52	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
 SDG: Eddy County New Mexico

**Client Sample ID: S-4 (0-1')**

**Lab Sample ID: 880-46861-10**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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			08/06/24 14:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/06/24 16:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 16:38	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 16:38	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 16:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	08/05/24 15:20	08/06/24 16:38	1
o-Terphenyl	104		70 - 130	08/05/24 15:20	08/06/24 16:38	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8430		101		mg/Kg			08/06/24 18:50	20

**Client Sample ID: S-4 (1.5')**

**Lab Sample ID: 880-46861-11**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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		08/05/24 14:55	08/06/24 17:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 17:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 17:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/05/24 14:55	08/06/24 17:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 17:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/05/24 14:55	08/06/24 17:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	08/05/24 14:55	08/06/24 17:02	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/05/24 14:55	08/06/24 17:02	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			08/06/24 17:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/06/24 16:56	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		08/05/24 15:20	08/06/24 16:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/05/24 15:20	08/06/24 16:56	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
 SDG: Eddy County New Mexico

**Client Sample ID: S-4 (1.5')**

**Lab Sample ID: 880-46861-11**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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		08/05/24 15:20	08/06/24 16:56	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane	113		70 - 130				08/05/24 15:20	08/06/24 16:56	1
o-Terphenyl	102		70 - 130				08/05/24 15:20	08/06/24 16:56	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	553		5.05		mg/Kg			08/06/24 18:55	1

**Client Sample ID: S-4 (2')**

**Lab Sample ID: 880-46861-12**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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		08/05/24 14:55	08/06/24 17:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 17:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 17:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/05/24 14:55	08/06/24 17:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 17:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/05/24 14:55	08/06/24 17:23	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	102		70 - 130				08/05/24 14:55	08/06/24 17:23	1
1,4-Difluorobenzene (Surr)	96		70 - 130				08/05/24 14:55	08/06/24 17:23	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			08/06/24 17:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/06/24 17:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 17:14	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 17:14	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 17:14	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane	127		70 - 130				08/05/24 15:20	08/06/24 17:14	1
o-Terphenyl	113		70 - 130				08/05/24 15:20	08/06/24 17:14	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	863		4.97		mg/Kg			08/06/24 19:01	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
 SDG: Eddy County New Mexico

**Client Sample ID: S-4 (3')**

**Lab Sample ID: 880-46861-13**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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		08/05/24 14:55	08/06/24 17:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/05/24 14:55	08/06/24 17:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/05/24 14:55	08/06/24 17:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/05/24 14:55	08/06/24 17:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/05/24 14:55	08/06/24 17:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/05/24 14:55	08/06/24 17:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	08/05/24 14:55	08/06/24 17:43	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/05/24 14:55	08/06/24 17:43	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			08/06/24 17:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/06/24 17:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 17:33	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 17:33	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 17:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	08/05/24 15:20	08/06/24 17:33	1
o-Terphenyl	100		70 - 130	08/05/24 15:20	08/06/24 17:33	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1040		4.95		mg/Kg			08/06/24 19:06	1

**Client Sample ID: S-4 (4')**

**Lab Sample ID: 880-46861-14**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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		08/05/24 14:55	08/06/24 18:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 18:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 18:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/05/24 14:55	08/06/24 18:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 18:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/05/24 14:55	08/06/24 18:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	08/05/24 14:55	08/06/24 18:04	1
1,4-Difluorobenzene (Surr)	96		70 - 130	08/05/24 14:55	08/06/24 18:04	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
 SDG: Eddy County New Mexico

**Client Sample ID: S-4 (4')**

**Lab Sample ID: 880-46861-14**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

**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			08/06/24 18:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/06/24 17:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/05/24 15:20	08/06/24 17:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/05/24 15:20	08/06/24 17:51	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/05/24 15:20	08/06/24 17:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	08/05/24 15:20	08/06/24 17:51	1
o-Terphenyl	88		70 - 130	08/05/24 15:20	08/06/24 17:51	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	711		4.95		mg/Kg			08/06/24 19:11	1

## Surrogate Summary

Client: Carmona Resources  
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
SDG: Eddy County New Mexico

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-46861-1	S-1 (0-1')	109	101
880-46861-1 MS	S-1 (0-1')	112	106
880-46861-1 MSD	S-1 (0-1')	100	99
880-46861-2	S-1 (1.5')	108	97
880-46861-3	S-2 (0-1')	108	98
880-46861-4	S-2 (1.5')	109	97
880-46861-5	S-2 (2')	105	97
880-46861-6	S-2 (3')	111	98
880-46861-7	S-3 (0-1')	110	98
880-46861-8	S-3 (1.5')	113	101
880-46861-9	S-3 (2')	112	101
880-46861-10	S-4 (0-1')	107	96
880-46861-11	S-4 (1.5')	103	97
880-46861-12	S-4 (2')	102	96
880-46861-13	S-4 (3')	110	98
880-46861-14	S-4 (4')	108	96
LCS 880-87560/1-A	Lab Control Sample	107	100
LCSD 880-87560/2-A	Lab Control Sample Dup	104	98
MB 880-87560/5-A	Method Blank	109	92

## 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)
880-46860-A-1-C MS	Matrix Spike	96	88
880-46860-A-1-D MSD	Matrix Spike Duplicate	98	91
880-46861-1	S-1 (0-1')	112	101
880-46861-2	S-1 (1.5')	106	92
880-46861-3	S-2 (0-1')	110	96
880-46861-4	S-2 (1.5')	100	87
880-46861-5	S-2 (2')	108	92
880-46861-6	S-2 (3')	108	99
880-46861-7	S-3 (0-1')	96	89
880-46861-8	S-3 (1.5')	114	104
880-46861-9	S-3 (2')	100	92
880-46861-10	S-4 (0-1')	119	104
880-46861-11	S-4 (1.5')	113	102
880-46861-12	S-4 (2')	127	113
880-46861-13	S-4 (3')	106	100
880-46861-14	S-4 (4')	96	88
LCS 880-87563/2-A	Lab Control Sample	94	88
LCSD 880-87563/3-A	Lab Control Sample Dup	92	85
MB 880-87563/1-A	Method Blank	145 S1+	128

## Surrogate Legend

Eurofins Midland

## Surrogate Summary

Client: Carmona Resources  
Project/Site: Graham Cracker 2-1  
1CO = 1-Chlorooctane  
OTPH = o-Terphenyl

Job ID: 880-46861-1  
SDG: Eddy County New Mexico

1

2

3

4

5

6

7

8

9

10

11

12

13

14

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
 SDG: Eddy County New Mexico

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

Lab Sample ID: MB 880-87560/5-A  
 Matrix: Solid  
 Analysis Batch: 87588

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 87560

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:54	08/06/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:54	08/06/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:54	08/06/24 11:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/05/24 14:54	08/06/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:54	08/06/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/05/24 14:54	08/06/24 11:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	08/05/24 14:54	08/06/24 11:25	1
1,4-Difluorobenzene (Surr)	92		70 - 130	08/05/24 14:54	08/06/24 11:25	1

Lab Sample ID: LCS 880-87560/1-A  
 Matrix: Solid  
 Analysis Batch: 87588

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 87560

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1097		mg/Kg		110	70 - 130
Toluene	0.100	0.09984		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.1030		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	0.200	0.2181		mg/Kg		109	70 - 130
o-Xylene	0.100	0.1077		mg/Kg		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-87560/2-A  
 Matrix: Solid  
 Analysis Batch: 87588

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 87560

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09886		mg/Kg		99	70 - 130	10	35
Toluene	0.100	0.08928		mg/Kg		89	70 - 130	11	35
Ethylbenzene	0.100	0.09197		mg/Kg		92	70 - 130	11	35
m-Xylene & p-Xylene	0.200	0.1941		mg/Kg		97	70 - 130	12	35
o-Xylene	0.100	0.09688		mg/Kg		97	70 - 130	11	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-46861-1 MS  
 Matrix: Solid  
 Analysis Batch: 87588

Client Sample ID: S-1 (0-1')  
 Prep Type: Total/NA  
 Prep Batch: 87560

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.1146		mg/Kg		115	70 - 130
Toluene	<0.00202	U	0.100	0.1025		mg/Kg		102	70 - 130

Eurofins Midland

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
 SDG: Eddy County New Mexico

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

Lab Sample ID: 880-46861-1 MS  
 Matrix: Solid  
 Analysis Batch: 87588

Client Sample ID: S-1 (0-1')  
 Prep Type: Total/NA  
 Prep Batch: 87560

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00202	U	0.100	0.1031		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	<0.00404	U	0.200	0.2178		mg/Kg		109	70 - 130
o-Xylene	<0.00202	U	0.100	0.1066		mg/Kg		107	70 - 130

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-46861-1 MSD  
 Matrix: Solid  
 Analysis Batch: 87588

Client Sample ID: S-1 (0-1')  
 Prep Type: Total/NA  
 Prep Batch: 87560

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec	RPD	
	Result	Qualifier		Result	Qualifier					Limits	RPD
Benzene	<0.00202	U	0.100	0.1125		mg/Kg		112	70 - 130	2	35
Toluene	<0.00202	U	0.100	0.1004		mg/Kg		100	70 - 130	2	35
Ethylbenzene	<0.00202	U	0.100	0.1013		mg/Kg		101	70 - 130	2	35
m-Xylene & p-Xylene	<0.00404	U	0.200	0.2133		mg/Kg		107	70 - 130	2	35
o-Xylene	<0.00202	U	0.100	0.1046		mg/Kg		105	70 - 130	2	35

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

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

Lab Sample ID: MB 880-87563/1-A  
 Matrix: Solid  
 Analysis Batch: 87595

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 87563

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/05/24 15:19	08/06/24 08:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/05/24 15:19	08/06/24 08:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/05/24 15:19	08/06/24 08:46	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	145	S1+	70 - 130	08/05/24 15:19	08/06/24 08:46	1
o-Terphenyl	128		70 - 130	08/05/24 15:19	08/06/24 08:46	1

Lab Sample ID: LCS 880-87563/2-A  
 Matrix: Solid  
 Analysis Batch: 87595

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 87563

Analyte	Spike	LCS		Unit	D	%Rec	%Rec
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	1011		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	1000	871.0		mg/Kg		87	70 - 130

Eurofins Midland

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
 SDG: Eddy County New Mexico

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

**Lab Sample ID: LCS 880-87563/2-A**  
**Matrix: Solid**  
**Analysis Batch: 87595**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 87563**

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	94		70 - 130
o-Terphenyl	88		70 - 130

**Lab Sample ID: LCSD 880-87563/3-A**  
**Matrix: Solid**  
**Analysis Batch: 87595**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 87563**

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	990.7		mg/Kg		99	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	1000	824.9		mg/Kg		82	70 - 130	5	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	92		70 - 130
o-Terphenyl	85		70 - 130

**Lab Sample ID: 880-46860-A-1-C MS**  
**Matrix: Solid**  
**Analysis Batch: 87595**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 87563**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	993	985.4		mg/Kg		99	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	993	849.2		mg/Kg		86	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	96		70 - 130
o-Terphenyl	88		70 - 130

**Lab Sample ID: 880-46860-A-1-D MSD**  
**Matrix: Solid**  
**Analysis Batch: 87595**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 87563**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	993	979.4		mg/Kg		99	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)	<49.9	U	993	890.2		mg/Kg		90	70 - 130	5	20	

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	98		70 - 130
o-Terphenyl	91		70 - 130

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
 SDG: Eddy County New Mexico

#### Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-87571/1-A  
 Matrix: Solid  
 Analysis Batch: 87593

Client Sample ID: Method Blank  
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/06/24 16:39	1

Lab Sample ID: LCS 880-87571/2-A  
 Matrix: Solid  
 Analysis Batch: 87593

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	231.1		mg/Kg		92	90 - 110

Lab Sample ID: LCSD 880-87571/3-A  
 Matrix: Solid  
 Analysis Batch: 87593

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	231.9		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-46861-6 MS  
 Matrix: Solid  
 Analysis Batch: 87593

Client Sample ID: S-2 (3')  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1470	F1	1250	2413	F1	mg/Kg		76	90 - 110

Lab Sample ID: 880-46861-6 MSD  
 Matrix: Solid  
 Analysis Batch: 87593

Client Sample ID: S-2 (3')  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1470	F1	1250	2405	F1	mg/Kg		75	90 - 110	0	20

### QC Association Summary

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
 SDG: Eddy County New Mexico

#### GC VOA

##### Prep Batch: 87560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46861-1	S-1 (0-1')	Total/NA	Solid	5035	
880-46861-2	S-1 (1.5')	Total/NA	Solid	5035	
880-46861-3	S-2 (0-1')	Total/NA	Solid	5035	
880-46861-4	S-2 (1.5')	Total/NA	Solid	5035	
880-46861-5	S-2 (2')	Total/NA	Solid	5035	
880-46861-6	S-2 (3')	Total/NA	Solid	5035	
880-46861-7	S-3 (0-1')	Total/NA	Solid	5035	
880-46861-8	S-3 (1.5')	Total/NA	Solid	5035	
880-46861-9	S-3 (2')	Total/NA	Solid	5035	
880-46861-10	S-4 (0-1')	Total/NA	Solid	5035	
880-46861-11	S-4 (1.5')	Total/NA	Solid	5035	
880-46861-12	S-4 (2')	Total/NA	Solid	5035	
880-46861-13	S-4 (3')	Total/NA	Solid	5035	
880-46861-14	S-4 (4')	Total/NA	Solid	5035	
MB 880-87560/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-87560/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-87560/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-46861-1 MS	S-1 (0-1')	Total/NA	Solid	5035	
880-46861-1 MSD	S-1 (0-1')	Total/NA	Solid	5035	

##### Analysis Batch: 87588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46861-1	S-1 (0-1')	Total/NA	Solid	8021B	87560
880-46861-2	S-1 (1.5')	Total/NA	Solid	8021B	87560
880-46861-3	S-2 (0-1')	Total/NA	Solid	8021B	87560
880-46861-4	S-2 (1.5')	Total/NA	Solid	8021B	87560
880-46861-5	S-2 (2')	Total/NA	Solid	8021B	87560
880-46861-6	S-2 (3')	Total/NA	Solid	8021B	87560
880-46861-7	S-3 (0-1')	Total/NA	Solid	8021B	87560
880-46861-8	S-3 (1.5')	Total/NA	Solid	8021B	87560
880-46861-9	S-3 (2')	Total/NA	Solid	8021B	87560
880-46861-10	S-4 (0-1')	Total/NA	Solid	8021B	87560
880-46861-11	S-4 (1.5')	Total/NA	Solid	8021B	87560
880-46861-12	S-4 (2')	Total/NA	Solid	8021B	87560
880-46861-13	S-4 (3')	Total/NA	Solid	8021B	87560
880-46861-14	S-4 (4')	Total/NA	Solid	8021B	87560
MB 880-87560/5-A	Method Blank	Total/NA	Solid	8021B	87560
LCS 880-87560/1-A	Lab Control Sample	Total/NA	Solid	8021B	87560
LCSD 880-87560/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	87560
880-46861-1 MS	S-1 (0-1')	Total/NA	Solid	8021B	87560
880-46861-1 MSD	S-1 (0-1')	Total/NA	Solid	8021B	87560

##### Analysis Batch: 87769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46861-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-46861-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-46861-3	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-46861-4	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-46861-5	S-2 (2')	Total/NA	Solid	Total BTEX	
880-46861-6	S-2 (3')	Total/NA	Solid	Total BTEX	
880-46861-7	S-3 (0-1')	Total/NA	Solid	Total BTEX	

Eurofins Midland

## QC Association Summary

Client: Carmona Resources  
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
SDG: Eddy County New Mexico

## GC VOA (Continued)

## Analysis Batch: 87769 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46861-8	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-46861-9	S-3 (2')	Total/NA	Solid	Total BTEX	
880-46861-10	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-46861-11	S-4 (1.5')	Total/NA	Solid	Total BTEX	
880-46861-12	S-4 (2')	Total/NA	Solid	Total BTEX	
880-46861-13	S-4 (3')	Total/NA	Solid	Total BTEX	
880-46861-14	S-4 (4')	Total/NA	Solid	Total BTEX	

## GC Semi VOA

## Prep Batch: 87563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46861-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-46861-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-46861-3	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-46861-4	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-46861-5	S-2 (2')	Total/NA	Solid	8015NM Prep	
880-46861-6	S-2 (3')	Total/NA	Solid	8015NM Prep	
880-46861-7	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-46861-8	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-46861-9	S-3 (2')	Total/NA	Solid	8015NM Prep	
880-46861-10	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-46861-11	S-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-46861-12	S-4 (2')	Total/NA	Solid	8015NM Prep	
880-46861-13	S-4 (3')	Total/NA	Solid	8015NM Prep	
880-46861-14	S-4 (4')	Total/NA	Solid	8015NM Prep	
MB 880-87563/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-87563/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-87563/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-46860-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-46860-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 87595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46861-1	S-1 (0-1')	Total/NA	Solid	8015B NM	87563
880-46861-2	S-1 (1.5')	Total/NA	Solid	8015B NM	87563
880-46861-3	S-2 (0-1')	Total/NA	Solid	8015B NM	87563
880-46861-4	S-2 (1.5')	Total/NA	Solid	8015B NM	87563
880-46861-5	S-2 (2')	Total/NA	Solid	8015B NM	87563
880-46861-6	S-2 (3')	Total/NA	Solid	8015B NM	87563
880-46861-7	S-3 (0-1')	Total/NA	Solid	8015B NM	87563
880-46861-8	S-3 (1.5')	Total/NA	Solid	8015B NM	87563
880-46861-9	S-3 (2')	Total/NA	Solid	8015B NM	87563
880-46861-10	S-4 (0-1')	Total/NA	Solid	8015B NM	87563
880-46861-11	S-4 (1.5')	Total/NA	Solid	8015B NM	87563
880-46861-12	S-4 (2')	Total/NA	Solid	8015B NM	87563
880-46861-13	S-4 (3')	Total/NA	Solid	8015B NM	87563
880-46861-14	S-4 (4')	Total/NA	Solid	8015B NM	87563
MB 880-87563/1-A	Method Blank	Total/NA	Solid	8015B NM	87563
LCS 880-87563/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	87563
LCSD 880-87563/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	87563

Eurofins Midland

## QC Association Summary

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
 SDG: Eddy County New Mexico

## GC Semi VOA (Continued)

## Analysis Batch: 87595 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46860-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	87563
880-46860-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	87563

## Analysis Batch: 87762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46861-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-46861-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-46861-3	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-46861-4	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-46861-5	S-2 (2')	Total/NA	Solid	8015 NM	
880-46861-6	S-2 (3')	Total/NA	Solid	8015 NM	
880-46861-7	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-46861-8	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-46861-9	S-3 (2')	Total/NA	Solid	8015 NM	
880-46861-10	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-46861-11	S-4 (1.5')	Total/NA	Solid	8015 NM	
880-46861-12	S-4 (2')	Total/NA	Solid	8015 NM	
880-46861-13	S-4 (3')	Total/NA	Solid	8015 NM	
880-46861-14	S-4 (4')	Total/NA	Solid	8015 NM	

## HPLC/IC

## Leach Batch: 87571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46861-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-46861-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-46861-3	S-2 (0-1')	Soluble	Solid	DI Leach	
880-46861-4	S-2 (1.5')	Soluble	Solid	DI Leach	
880-46861-5	S-2 (2')	Soluble	Solid	DI Leach	
880-46861-6	S-2 (3')	Soluble	Solid	DI Leach	
880-46861-7	S-3 (0-1')	Soluble	Solid	DI Leach	
880-46861-8	S-3 (1.5')	Soluble	Solid	DI Leach	
880-46861-9	S-3 (2')	Soluble	Solid	DI Leach	
880-46861-10	S-4 (0-1')	Soluble	Solid	DI Leach	
880-46861-11	S-4 (1.5')	Soluble	Solid	DI Leach	
880-46861-12	S-4 (2')	Soluble	Solid	DI Leach	
880-46861-13	S-4 (3')	Soluble	Solid	DI Leach	
880-46861-14	S-4 (4')	Soluble	Solid	DI Leach	
MB 880-87571/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-87571/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-87571/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-46861-6 MS	S-2 (3')	Soluble	Solid	DI Leach	
880-46861-6 MSD	S-2 (3')	Soluble	Solid	DI Leach	

## Analysis Batch: 87593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46861-1	S-1 (0-1')	Soluble	Solid	300.0	87571
880-46861-2	S-1 (1.5')	Soluble	Solid	300.0	87571
880-46861-3	S-2 (0-1')	Soluble	Solid	300.0	87571
880-46861-4	S-2 (1.5')	Soluble	Solid	300.0	87571
880-46861-5	S-2 (2')	Soluble	Solid	300.0	87571

Eurofins Midland

### QC Association Summary

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
 SDG: Eddy County New Mexico

#### HPLC/IC (Continued)

#### Analysis Batch: 87593 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46861-6	S-2 (3')	Soluble	Solid	300.0	87571
880-46861-7	S-3 (0-1')	Soluble	Solid	300.0	87571
880-46861-8	S-3 (1.5')	Soluble	Solid	300.0	87571
880-46861-9	S-3 (2')	Soluble	Solid	300.0	87571
880-46861-10	S-4 (0-1')	Soluble	Solid	300.0	87571
880-46861-11	S-4 (1.5')	Soluble	Solid	300.0	87571
880-46861-12	S-4 (2')	Soluble	Solid	300.0	87571
880-46861-13	S-4 (3')	Soluble	Solid	300.0	87571
880-46861-14	S-4 (4')	Soluble	Solid	300.0	87571
MB 880-87571/1-A	Method Blank	Soluble	Solid	300.0	87571
LCS 880-87571/2-A	Lab Control Sample	Soluble	Solid	300.0	87571
LCSD 880-87571/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	87571
880-46861-6 MS	S-2 (3')	Soluble	Solid	300.0	87571
880-46861-6 MSD	S-2 (3')	Soluble	Solid	300.0	87571

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

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
 SDG: Eddy County New Mexico

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

**Lab Sample ID: 880-46861-1**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87560	08/05/24 14:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 11:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 11:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			87762	08/06/24 13:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 13:35	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	87593	08/06/24 17:42	CH	EET MID

**Client Sample ID: S-1 (1.5')**

**Lab Sample ID: 880-46861-2**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87560	08/05/24 14:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 12:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 12:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			87762	08/06/24 13:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 13:53	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	87593	08/06/24 17:47	CH	EET MID

**Client Sample ID: S-2 (0-1')**

**Lab Sample ID: 880-46861-3**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87560	08/05/24 14:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 12:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 12:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			87762	08/06/24 14:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 14:12	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		50	50 mL	50 mL	87593	08/06/24 17:52	CH	EET MID

**Client Sample ID: S-2 (1.5')**

**Lab Sample ID: 880-46861-4**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87560	08/05/24 14:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 12:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 12:48	SM	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
 SDG: Eddy County New Mexico

**Client Sample ID: S-2 (1.5')**

**Lab Sample ID: 880-46861-4**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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			87762	08/06/24 14:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 14:30	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	87593	08/06/24 17:57	CH	EET MID

**Client Sample ID: S-2 (2')**

**Lab Sample ID: 880-46861-5**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87560	08/05/24 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 13:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 13:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			87762	08/06/24 14:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 14:48	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	87593	08/06/24 18:02	CH	EET MID

**Client Sample ID: S-2 (3')**

**Lab Sample ID: 880-46861-6**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87560	08/05/24 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 13:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 13:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			87762	08/06/24 15:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 15:25	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	87593	08/06/24 18:08	CH	EET MID

**Client Sample ID: S-3 (0-1')**

**Lab Sample ID: 880-46861-7**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87560	08/05/24 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 13:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 13:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			87762	08/06/24 15:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 15:43	TKC	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
 SDG: Eddy County New Mexico

**Client Sample ID: S-3 (0-1')**

**Lab Sample ID: 880-46861-7**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	87593	08/06/24 18:24	CH	EET MID

**Client Sample ID: S-3 (1.5')**

**Lab Sample ID: 880-46861-8**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87560	08/05/24 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 14:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 14:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			87762	08/06/24 16:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 16:02	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	87593	08/06/24 18:29	CH	EET MID

**Client Sample ID: S-3 (2')**

**Lab Sample ID: 880-46861-9**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87560	08/05/24 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 14:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 14:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			87762	08/06/24 16:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 16:20	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	87593	08/06/24 18:45	CH	EET MID

**Client Sample ID: S-4 (0-1')**

**Lab Sample ID: 880-46861-10**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87560	08/05/24 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 14:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 14:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			87762	08/06/24 16:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 16:38	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	87593	08/06/24 18:50	CH	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
 SDG: Eddy County New Mexico

**Client Sample ID: S-4 (1.5')**

**Lab Sample ID: 880-46861-11**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87560	08/05/24 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 17:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 17:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			87762	08/06/24 16:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 16:56	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87593	08/06/24 18:55	CH	EET MID

**Client Sample ID: S-4 (2')**

**Lab Sample ID: 880-46861-12**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87560	08/05/24 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 17:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 17:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			87762	08/06/24 17:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 17:14	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87593	08/06/24 19:01	CH	EET MID

**Client Sample ID: S-4 (3')**

**Lab Sample ID: 880-46861-13**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87560	08/05/24 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 17:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 17:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			87762	08/06/24 17:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 17:33	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87593	08/06/24 19:06	CH	EET MID

**Client Sample ID: S-4 (4')**

**Lab Sample ID: 880-46861-14**

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87560	08/05/24 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 18:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 18:04	SM	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
 SDG: Eddy County New Mexico

**Client Sample ID: S-4 (4')**  
**Date Collected: 08/05/24 00:00**  
**Date Received: 08/05/24 14:10**

**Lab Sample ID: 880-46861-14**  
**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			87762	08/06/24 17:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 17:51	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87593	08/06/24 19:11	CH	EET MID

**Laboratory References:**

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

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

### Accreditation/Certification Summary

Client: Carmona Resources  
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
SDG: Eddy County New Mexico

#### Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date												
Texas	NELAP	T104704400	06-30-25												
<p>The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.</p> <table border="1"> <thead> <tr> <th>Analysis Method</th> <th>Prep Method</th> <th>Matrix</th> <th>Analyte</th> </tr> </thead> <tbody> <tr> <td>8015 NM</td> <td></td> <td>Solid</td> <td>Total TPH</td> </tr> <tr> <td>Total BTEX</td> <td></td> <td>Solid</td> <td>Total BTEX</td> </tr> </tbody> </table>				Analysis Method	Prep Method	Matrix	Analyte	8015 NM		Solid	Total TPH	Total BTEX		Solid	Total BTEX
Analysis Method	Prep Method	Matrix	Analyte												
8015 NM		Solid	Total TPH												
Total BTEX		Solid	Total BTEX												

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

### Method Summary

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
 SDG: Eddy County New Mexico

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

**Protocol References:**

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

**Laboratory References:**

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



### Sample Summary

Client: Carmona Resources  
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1  
SDG: Eddy County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-46861-1	S-1 (0-1')	Solid	08/05/24 00:00	08/05/24 14:10
880-46861-2	S-1 (1.5')	Solid	08/05/24 00:00	08/05/24 14:10
880-46861-3	S-2 (0-1')	Solid	08/05/24 00:00	08/05/24 14:10
880-46861-4	S-2 (1.5')	Solid	08/05/24 00:00	08/05/24 14:10
880-46861-5	S-2 (2')	Solid	08/05/24 00:00	08/05/24 14:10
880-46861-6	S-2 (3')	Solid	08/05/24 00:00	08/05/24 14:10
880-46861-7	S-3 (0-1')	Solid	08/05/24 00:00	08/05/24 14:10
880-46861-8	S-3 (1.5')	Solid	08/05/24 00:00	08/05/24 14:10
880-46861-9	S-3 (2')	Solid	08/05/24 00:00	08/05/24 14:10
880-46861-10	S-4 (0-1')	Solid	08/05/24 00:00	08/05/24 14:10
880-46861-11	S-4 (1.5')	Solid	08/05/24 00:00	08/05/24 14:10
880-46861-12	S-4 (2')	Solid	08/05/24 00:00	08/05/24 14:10
880-46861-13	S-4 (3')	Solid	08/05/24 00:00	08/05/24 14:10
880-46861-14	S-4 (4')	Solid	08/05/24 00:00	08/05/24 14:10

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



880-46861 Chain of Custody

Chain of Custody

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

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

Project Name:	Turn Around		Pres. Code	ANALYSIS REQUEST		Preservative Codes
	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Parameters	# of Cont	
Graham Cracker 2-1		72 HR				None: NO Cool: Cool HCL: HC H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Project Number: 2463						
Project Location: Eddy County, New Mexico						
Sampler's Name: DD & PB						
PO #:						
<b>SAMPLE RECEIPT</b> Received Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Thermometer ID: <u>310</u> Cooler Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Correction Factor: <u>3.0</u> Sample Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Temperature Reading: <u>30</u> Total Containers: <u>30</u> Corrected Temperature:						
Sample Identification	Date	Time	Soil	Water	Grab/Comp	
S-1 (0-1')	8/5/2024		X		G	X
S-1 (1.5')	8/5/2024		X		G	X
S-2 (0-1')	8/5/2024		X		G	X
S-2 (1.5')	8/5/2024		X		G	X
S-2 (2')	8/5/2024		X		G	X
S-2 (3')	8/5/2024		X		G	X
S-3 (0-1')	8/5/2024		X		G	X
S-3 (1.5')	8/5/2024		X		G	X
S-3 (2')	8/5/2024		X		G	X
S-4 (0-1')	8/5/2024		X		G	X

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

**Relinquished by: (Signature)** *[Signature]*  
**Date/Time** 8-5-2024 1410  
**Received by: (Signature)** *[Signature]*  
**Date/Time** 8/5/24 1410

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

Chain of Custody

Work Order No: \_\_\_\_\_

Page 2 of 2

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	<a href="mailto:mcarmona@carmonaresources.com">mcarmona@carmonaresources.com</a>

Program:	<input type="checkbox"/> US/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> perfund
State of Project:	<input type="checkbox"/> Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV
Reporting Level:	<input type="checkbox"/> EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:	Project Number:	Project Location	Sampler's Name:	PO #:	Turn Around				Pres. Code	ANALYSIS REQUEST	Preservative Codes
					<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush	Due Date:	72 HR			
Graham Cracker 2-1	2463	Eddy County, New Mexico	DD & PB		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush	72 HR			None: NO DI Water: H <sub>2</sub> O Cool: Cool MeOH: Me HCL: HC HNO <sub>3</sub> : HN H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	
<b>SAMPLE RECEIPT</b> Received Intact: Yes No Thermometer ID: Cooler Custody Seals: Yes No N/A Correction Factor: Sample Custody Seals: Yes No N/A Temperature Reading: Total Containers: Corrected Temperature:					Parameters		BTEX 8021B		Chloride 300.0		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	TPH 8015M (GRO + DRO + MRO)			Sample Comments	
S-4 (1.5')			X		G	1	X	X			
S-4 (2')			X		G	1	X	X			
S-4 (3')			X		G	1	X	X			
S-4 (4')			X		G	1	X	X			

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	8-5-24 1410	<i>[Signature]</i>	8-5-24 1410

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

### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-46861-1  
SDG Number: Eddy County New Mexico

**Login Number: 46861**

**List Number: 1**

**Creator: Kramer, Jessica**

**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.	True	
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	

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



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

Generated 10/17/2025 2:49:12 PM

## JOB DESCRIPTION

Graham Cracker 2-1  
 Eddy County New Mexico

## JOB NUMBER

880-63838-1

Eurofins Midland  
 1211 W. Florida Ave  
 Midland TX 79701



# Eurofins Midland

## Job Notes

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

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

## Authorization



Generated  
10/17/2025 2:49:12 PM

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

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

Client: Carmona Resources  
Project/Site: Graham Cracker 2-1

Laboratory Job ID: 880-63838-1  
SDG: Eddy County New Mexico

# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	3
Definitions/Glossary . . . . .	4
Case Narrative . . . . .	5
Client Sample Results . . . . .	7
Surrogate Summary . . . . .	40
QC Sample Results . . . . .	43
QC Association Summary . . . . .	55
Lab Chronicle . . . . .	65
Certification Summary . . . . .	78
Method Summary . . . . .	79
Sample Summary . . . . .	80
Chain of Custody . . . . .	81
Receipt Checklists . . . . .	86

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

## Definitions/Glossary

Client: Carmona Resources  
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
SDG: Eddy County New Mexico

## Qualifiers

## GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

## GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery 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.

## HPLC/IC

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

## Glossary

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

## Case Narrative

Client: Carmona Resources  
Project: Graham Cracker 2-1

Job ID: 880-63838-1

**Job ID: 880-63838-1**

**Eurofins Midland**

### Job Narrative 880-63838-1

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 10/14/2025 4:04 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 -2.7°C.

### GC VOA

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-121223 and analytical batch 880-121212 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-121223 and analytical batch 880-121212 was outside the upper control limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-121220 and analytical batch 880-121213 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: BH-3 (30') (880-63838-43). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: BH-2 (10-11') (880-63838-21), BH-2 (12-13') (880-63838-22), BH-2 (14-15') (880-63838-23), BH-2 (16-17') (880-63838-24), BH-2 (18-19') (880-63838-25), BH-2 (25') (880-63838-27), BH-2 (35') (880-63838-29), BH-2 (40') (880-63838-30), BH-3 (0-1') (880-63838-31), BH-3 (2-3') (880-63838-32), BH-3 (4-5') (880-63838-33), BH-3 (6-7') (880-63838-34), BH-3 (8-9') (880-63838-35), BH-3 (14-15') (880-63838-38), BH-3 (16-17') (880-63838-39), (CCV 880-121212/2), (CCV 880-121212/3), (LCS 880-121223/1-A), (LCSD 880-121223/2-A), (880-63838-A-21-G MS) and (880-63838-A-21-H MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

### Diesel Range Organics

Method 8015MOD\_NM: Surrogate recovery for the following samples were outside control limits: BH-2 (10-11') (880-63838-21) and BH-2 (35') (880-63838-29). Evidence of matrix interferences is not obvious.

Method 8015MOD\_NM: Surrogate recovery for the following samples were outside control limits: BH-2 (10-11') (880-63838-21), BH-2 (12-13') (880-63838-22), BH-2 (14-15') (880-63838-23), BH-2 (16-17') (880-63838-24), BH-2 (18-19') (880-63838-25), BH-2 (20') (880-63838-26), BH-2 (30') (880-63838-28), BH-3 (4-5') (880-63838-33), BH-3 (8-9') (880-63838-35), BH-3 (10-11') (880-63838-36), BH-3 (12-13') (880-63838-37), BH-3 (16-17') (880-63838-39), BH-3 (18-19') (880-63838-40) and (880-63838-A-21-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD\_NM: Surrogate recovery for the following sample was outside control limits: BH-3 (2-3') (880-63838-32). Evidence of matrix interferences is not obvious.

Method 8015MOD\_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-121194 and analytical batch 880-121271 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix

Eurofins Midland

## Case Narrative

Client: Carmona Resources  
Project: Graham Cracker 2-1

Job ID: 880-63838-1

### Job ID: 880-63838-1 (Continued)

Eurofins Midland

interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD\_NM: Surrogate recovery for the following samples were outside control limits: BH-1 (0-1') (880-63838-1), BH-1 (2-3') (880-63838-2), BH-1 (4-5') (880-63838-3), BH-1 (6-7') (880-63838-4), BH-1 (8-9') (880-63838-5), BH-1 (10-11') (880-63838-6), (880-63838-A-1-E MS) and (880-63838-A-1-F MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD\_NM: Surrogate recovery for the following samples were outside control limits: BH-1 (40') (880-63838-15), BH-2 (2-3') (880-63838-17), BH-2 (4-5') (880-63838-18), BH-2 (6-7') (880-63838-19) and BH-2 (8-9') (880-63838-20). Evidence of matrix interferences is not obvious.

Method 8015MOD\_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-121193 and analytical batch 880-121234 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.

Method 8015MOD\_NM: The continuing calibration verification (CCV) associated with batch 880-121234 recovered below the lower control limit for Gasoline Range Organics (GRO)-C6-C10. An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-121234/85).

Method 8015MOD\_NM: The surrogate recovery for the blank associated with preparation batch 880-121193 and analytical batch 880-121234 was outside the control limits.

Method 8015MOD\_NM: The continuing calibration verification (CCV) associated with batch 880-121349 recovered below the limit for Gasoline Range Organics (GRO)-C6-C10. An acceptable CCV was ran within the 12 hour limit; therefore, the data have been reported. The associated sample is:(CCV 880-121349/6).

Method 8015MOD\_NM: Surrogate recovery for the following sample was outside control limits: BH-3 (30') (880-63838-43). Evidence of matrix interferences is not obvious.

Method 8015MOD\_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-121197 and analytical batch 880-121349 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.

Method 8015MOD\_NM: The surrogate recovery for the blank associated with preparation batch 880-121197 and analytical batch 880-121349 was outside the control limits.

Method 8015MOD\_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-121197/2-A). Evidence of matrix interferences is not obvious.

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

#### HPLC/IC

Method 300\_ORGFM\_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-121202 and analytical batch 880-121222 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-1 (0-1')**

**Lab Sample ID: 880-63838-1**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 12:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 12:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 12:08	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/15/25 10:25	10/15/25 12:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 12:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/25 10:25	10/15/25 12:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	10/15/25 10:25	10/15/25 12:08	1
1,4-Difluorobenzene (Surr)	98		70 - 130	10/15/25 10:25	10/15/25 12:08	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/15/25 12:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 01:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		10/14/25 16:35	10/16/25 01:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		10/14/25 16:35	10/16/25 01:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 01:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	57	S1-	70 - 130	10/14/25 16:35	10/16/25 01:37	1
o-Terphenyl (Surr)	62	S1-	70 - 130	10/14/25 16:35	10/16/25 01:37	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	329		9.94		mg/Kg			10/15/25 11:45	1

**Client Sample ID: BH-1 (2-3')**

**Lab Sample ID: 880-63838-2**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 12:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 12:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 12:29	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/15/25 10:25	10/15/25 12:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 12:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/25 10:25	10/15/25 12:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	10/15/25 10:25	10/15/25 12:29	1
1,4-Difluorobenzene (Surr)	101		70 - 130	10/15/25 10:25	10/15/25 12:29	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-1 (2-3')**

**Lab Sample ID: 880-63838-2**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/15/25 12:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 02:20	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	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 02:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 02:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 02:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	44	S1-	70 - 130	10/14/25 16:35	10/16/25 02:20	1
o-Terphenyl (Surr)	49	S1-	70 - 130	10/14/25 16:35	10/16/25 02:20	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5600		198		mg/Kg			10/15/25 12:01	20

**Client Sample ID: BH-1 (4-5')**

**Lab Sample ID: 880-63838-3**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 12:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 12:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 12:49	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/15/25 10:25	10/15/25 12:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 12:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/25 10:25	10/15/25 12:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	10/15/25 10:25	10/15/25 12:49	1
1,4-Difluorobenzene (Surr)	98		70 - 130	10/15/25 10:25	10/15/25 12:49	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/15/25 12:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/25 02:35	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	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 02:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 02:35	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-1 (4-5')**

**Lab Sample ID: 880-63838-3**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 02:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	50	S1-	70 - 130				10/14/25 16:35	10/16/25 02:35	1
o-Terphenyl (Surr)	59	S1-	70 - 130				10/14/25 16:35	10/16/25 02:35	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13200		199		mg/Kg			10/15/25 12:06	20

**Client Sample ID: BH-1 (6-7')**

**Lab Sample ID: 880-63838-4**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 13:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 13:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 13:10	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/15/25 10:25	10/15/25 13:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 13:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/25 10:25	10/15/25 13:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				10/15/25 10:25	10/15/25 13:10	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/15/25 10:25	10/15/25 13:10	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/15/25 13:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 02:48	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	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 02:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 02:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 02:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	44	S1-	70 - 130				10/14/25 16:35	10/16/25 02:48	1
o-Terphenyl (Surr)	52	S1-	70 - 130				10/14/25 16:35	10/16/25 02:48	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12800		200		mg/Kg			10/15/25 12:11	20

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-1 (8-9')**

**Lab Sample ID: 880-63838-5**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 13:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 13:30	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 13:30	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/15/25 10:25	10/15/25 13:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 13:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/25 10:25	10/15/25 13:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	10/15/25 10:25	10/15/25 13:30	1
1,4-Difluorobenzene (Surr)	102		70 - 130	10/15/25 10:25	10/15/25 13:30	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/15/25 13:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/25 03:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 03:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 03:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 03:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	52	S1-	70 - 130	10/14/25 16:35	10/16/25 03:03	1
o-Terphenyl (Surr)	58	S1-	70 - 130	10/14/25 16:35	10/16/25 03:03	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	439		10.1		mg/Kg			10/15/25 12:16	1

**Client Sample ID: BH-1 (10-11')**

**Lab Sample ID: 880-63838-6**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:25	10/15/25 13:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:25	10/15/25 13:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:25	10/15/25 13:51	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		10/15/25 10:25	10/15/25 13:51	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:25	10/15/25 13:51	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/15/25 10:25	10/15/25 13:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	10/15/25 10:25	10/15/25 13:51	1
1,4-Difluorobenzene (Surr)	100		70 - 130	10/15/25 10:25	10/15/25 13:51	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-1 (10-11')**

**Lab Sample ID: 880-63838-6**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

**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			10/15/25 13:51	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			10/16/25 03:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 03:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 03:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 03:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	56	S1-	70 - 130				10/14/25 16:35	10/16/25 03:17	1
o-Terphenyl (Surr)	66	S1-	70 - 130				10/14/25 16:35	10/16/25 03:17	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9570		202		mg/Kg			10/15/25 12:32	20

**Client Sample ID: BH-1 (12-13')**

**Lab Sample ID: 880-63838-7**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 14:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 14:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 14:11	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/15/25 10:25	10/15/25 14:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 14:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/25 10:25	10/15/25 14:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				10/15/25 10:25	10/15/25 14:11	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/15/25 10:25	10/15/25 14:11	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			10/15/25 14:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/25 03:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 03:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 03:31	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-1 (12-13')**

**Lab Sample ID: 880-63838-7**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 03:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130				10/14/25 16:35	10/16/25 03:31	1
o-Terphenyl (Surr)	91		70 - 130				10/14/25 16:35	10/16/25 03:31	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11000		200		mg/Kg			10/15/25 13:47	20

**Client Sample ID: BH-1 (14-15')**

**Lab Sample ID: 880-63838-8**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 14:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 14:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 14:32	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/15/25 10:25	10/15/25 14:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 14:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/25 10:25	10/15/25 14:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				10/15/25 10:25	10/15/25 14:32	1
1,4-Difluorobenzene (Surr)	100		70 - 130				10/15/25 10:25	10/15/25 14:32	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/15/25 14:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 03:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 03:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 03:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 03:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	76		70 - 130				10/14/25 16:35	10/16/25 03:45	1
o-Terphenyl (Surr)	87		70 - 130				10/14/25 16:35	10/16/25 03:45	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9200		202		mg/Kg			10/15/25 13:52	20

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-1 (16-17')**

**Lab Sample ID: 880-63838-9**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 14:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 14:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 14:52	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/15/25 10:25	10/15/25 14:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 14:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/25 10:25	10/15/25 14:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	10/15/25 10:25	10/15/25 14:52	1
1,4-Difluorobenzene (Surr)	102		70 - 130	10/15/25 10:25	10/15/25 14:52	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/15/25 14:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/25 03:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 03:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 03:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 03:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130	10/14/25 16:35	10/16/25 03:59	1
o-Terphenyl (Surr)	89		70 - 130	10/14/25 16:35	10/16/25 03:59	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8970		199		mg/Kg			10/15/25 13:57	20

**Client Sample ID: BH-1 (18-19')**

**Lab Sample ID: 880-63838-10**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:25	10/15/25 15:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:25	10/15/25 15:13	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:25	10/15/25 15:13	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		10/15/25 10:25	10/15/25 15:13	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:25	10/15/25 15:13	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/15/25 10:25	10/15/25 15:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	10/15/25 10:25	10/15/25 15:13	1
1,4-Difluorobenzene (Surr)	101		70 - 130	10/15/25 10:25	10/15/25 15:13	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-1 (18-19')**

**Lab Sample ID: 880-63838-10**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/15/25 15:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 04:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 04:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 04:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 04:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	72		70 - 130				10/14/25 16:35	10/16/25 04:13	1
o-Terphenyl (Surr)	78		70 - 130				10/14/25 16:35	10/16/25 04:13	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8510		200		mg/Kg			10/15/25 14:02	20

**Client Sample ID: BH-1 (20')**

**Lab Sample ID: 880-63838-11**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 16:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 16:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 16:46	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/15/25 10:25	10/15/25 16:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 16:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/25 10:25	10/15/25 16:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				10/15/25 10:25	10/15/25 16:46	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/15/25 10:25	10/15/25 16:46	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/15/25 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 04:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 04:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 04:42	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-1 (20')**

**Lab Sample ID: 880-63838-11**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 04:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	75		70 - 130				10/14/25 16:35	10/16/25 04:42	1
o-Terphenyl (Surr)	83		70 - 130				10/14/25 16:35	10/16/25 04:42	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8050		199		mg/Kg			10/15/25 14:08	20

**Client Sample ID: BH-1 (25')**

**Lab Sample ID: 880-63838-12**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 17:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 17:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 17:06	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/15/25 10:25	10/15/25 17:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 17:06	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/25 10:25	10/15/25 17:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				10/15/25 10:25	10/15/25 17:06	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/15/25 10:25	10/15/25 17:06	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/15/25 17:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/25 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		10/14/25 16:35	10/16/25 04:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/14/25 16:35	10/16/25 04:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/14/25 16:35	10/16/25 04:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	77		70 - 130				10/14/25 16:35	10/16/25 04:56	1
o-Terphenyl (Surr)	87		70 - 130				10/14/25 16:35	10/16/25 04:56	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2560		49.8		mg/Kg			10/15/25 14:23	5

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-1 (30')**

**Lab Sample ID: 880-63838-13**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 17:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 17:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 17:27	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/15/25 10:25	10/15/25 17:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 17:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/25 10:25	10/15/25 17:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	10/15/25 10:25	10/15/25 17:27	1
1,4-Difluorobenzene (Surr)	99		70 - 130	10/15/25 10:25	10/15/25 17:27	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/15/25 17:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 05:10	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	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 05:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 05:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 05:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	70		70 - 130	10/14/25 16:35	10/16/25 05:10	1
o-Terphenyl (Surr)	78		70 - 130	10/14/25 16:35	10/16/25 05:10	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2320		99.2		mg/Kg			10/15/25 14:29	10

**Client Sample ID: BH-1 (35')**

**Lab Sample ID: 880-63838-14**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 17:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 17:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 17:47	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/15/25 10:25	10/15/25 17:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 17:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/25 10:25	10/15/25 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	10/15/25 10:25	10/15/25 17:47	1
1,4-Difluorobenzene (Surr)	97		70 - 130	10/15/25 10:25	10/15/25 17:47	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-1 (35')**

**Lab Sample ID: 880-63838-14**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

**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			10/15/25 17:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/25 05:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 05:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 05:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 05:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	78		70 - 130				10/14/25 16:35	10/16/25 05:24	1
o-Terphenyl (Surr)	85		70 - 130				10/14/25 16:35	10/16/25 05:24	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	559		9.96		mg/Kg			10/15/25 14:44	1

**Client Sample ID: BH-1 (40')**

**Lab Sample ID: 880-63838-15**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 18:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 18:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 18:08	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/15/25 10:25	10/15/25 18:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 18:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/25 10:25	10/15/25 18:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				10/15/25 10:25	10/15/25 18:08	1
1,4-Difluorobenzene (Surr)	100		70 - 130				10/15/25 10:25	10/15/25 18:08	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/15/25 18:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 05:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 05:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 05:39	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-1 (40')**

**Lab Sample ID: 880-63838-15**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 05:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	63	S1-	70 - 130				10/14/25 16:35	10/16/25 05:39	1
o-Terphenyl (Surr)	69	S1-	70 - 130				10/14/25 16:35	10/16/25 05:39	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		9.90		mg/Kg			10/15/25 14:50	1

**Client Sample ID: BH-2 (0-1')**

**Lab Sample ID: 880-63838-16**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 18:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 18:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 18:28	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/15/25 10:25	10/15/25 18:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 18:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/25 10:25	10/15/25 18:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				10/15/25 10:25	10/15/25 18:28	1
1,4-Difluorobenzene (Surr)	98		70 - 130				10/15/25 10:25	10/15/25 18:28	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/15/25 18:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 05:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 05:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 05:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 05:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	73		70 - 130				10/14/25 16:35	10/16/25 05:53	1
o-Terphenyl (Surr)	81		70 - 130				10/14/25 16:35	10/16/25 05:53	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12700		199		mg/Kg			10/15/25 14:55	20

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-2 (2-3')**

**Lab Sample ID: 880-63838-17**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 18:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 18:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 18:48	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/15/25 10:25	10/15/25 18:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 18:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/25 10:25	10/15/25 18:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	10/15/25 10:25	10/15/25 18:48	1
1,4-Difluorobenzene (Surr)	101		70 - 130	10/15/25 10:25	10/15/25 18:48	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/15/25 18:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/25 06:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 06:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 06:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 06:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	56	S1-	70 - 130	10/14/25 16:35	10/16/25 06:09	1
o-Terphenyl (Surr)	64	S1-	70 - 130	10/14/25 16:35	10/16/25 06:09	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7790		200		mg/Kg			10/15/25 15:00	20

**Client Sample ID: BH-2 (4-5')**

**Lab Sample ID: 880-63838-18**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 19:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 19:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 19:09	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/15/25 10:25	10/15/25 19:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 19:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/25 10:25	10/15/25 19:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	10/15/25 10:25	10/15/25 19:09	1
1,4-Difluorobenzene (Surr)	101		70 - 130	10/15/25 10:25	10/15/25 19:09	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-2 (4-5')**

**Lab Sample ID: 880-63838-18**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/15/25 19:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1120		50.0		mg/Kg			10/16/25 06:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 06:22	1
<b>Diesel Range Organics (Over C10-C28)</b>	<b>1120</b>		50.0		mg/Kg		10/14/25 16:35	10/16/25 06:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 06:22	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	60	S1-	70 - 130				10/14/25 16:35	10/16/25 06:22	1
o-Terphenyl (Surr)	74		70 - 130				10/14/25 16:35	10/16/25 06:22	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6850		99.6		mg/Kg			10/15/25 15:05	10

**Client Sample ID: BH-2 (6-7')**

**Lab Sample ID: 880-63838-19**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:25	10/15/25 19:29	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:25	10/15/25 19:29	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:25	10/15/25 19:29	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		10/15/25 10:25	10/15/25 19:29	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:25	10/15/25 19:29	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/15/25 10:25	10/15/25 19:29	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	107		70 - 130				10/15/25 10:25	10/15/25 19:29	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/15/25 10:25	10/15/25 19:29	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			10/15/25 19:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/25 06:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/14/25 16:35	10/16/25 06:37	1
<b>Diesel Range Organics (Over C10-C28)</b>	<b>&lt;49.8</b>	<b>U</b>	<b>49.8</b>		<b>mg/Kg</b>		<b>10/14/25 16:35</b>	<b>10/16/25 06:37</b>	<b>1</b>

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-2 (6-7')**

**Lab Sample ID: 880-63838-19**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/14/25 16:35	10/16/25 06:37	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	53	S1-	70 - 130				10/14/25 16:35	10/16/25 06:37	1
o-Terphenyl (Surr)	60	S1-	70 - 130				10/14/25 16:35	10/16/25 06:37	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5340		99.2		mg/Kg			10/15/25 15:10	10

**Client Sample ID: BH-2 (8-9')**

**Lab Sample ID: 880-63838-20**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 19:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 19:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 19:50	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/15/25 10:25	10/15/25 19:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 19:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/25 10:25	10/15/25 19:50	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	108		70 - 130				10/15/25 10:25	10/15/25 19:50	1
1,4-Difluorobenzene (Surr)	102		70 - 130				10/15/25 10:25	10/15/25 19:50	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/15/25 19:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 06:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 06:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 06:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 06:51	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	62	S1-	70 - 130				10/14/25 16:35	10/16/25 06:51	1
o-Terphenyl (Surr)	69	S1-	70 - 130				10/14/25 16:35	10/16/25 06:51	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4390		49.7		mg/Kg			10/15/25 15:16	5

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-2 (10-11')**

**Lab Sample ID: 880-63838-21**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 12:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 12:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 12:09	1
m,p-Xylenes	<0.00399	U **	0.00399		mg/Kg		10/15/25 10:33	10/15/25 12:09	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		10/15/25 10:33	10/15/25 12:09	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		10/15/25 10:33	10/15/25 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	169	S1+	70 - 130	10/15/25 10:33	10/15/25 12:09	1
1,4-Difluorobenzene (Surr)	88		70 - 130	10/15/25 10:33	10/15/25 12:09	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/15/25 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/15/25 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	<50.0	U F1	50.0		mg/Kg		10/14/25 16:36	10/15/25 20:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		10/14/25 16:36	10/15/25 20:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 20:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	54	S1-	70 - 130	10/14/25 16:36	10/15/25 20:48	1
o-Terphenyl (Surr)	59	S1-	70 - 130	10/14/25 16:36	10/15/25 20:48	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3300	F1	50.3		mg/Kg			10/15/25 20:52	5

**Client Sample ID: BH-2 (12-13')**

**Lab Sample ID: 880-63838-22**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 12:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 12:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 12:29	1
m,p-Xylenes	<0.00402	U **	0.00402		mg/Kg		10/15/25 10:33	10/15/25 12:29	1
o-Xylene	<0.00201	U **	0.00201		mg/Kg		10/15/25 10:33	10/15/25 12:29	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		10/15/25 10:33	10/15/25 12:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130	10/15/25 10:33	10/15/25 12:29	1
1,4-Difluorobenzene (Surr)	92		70 - 130	10/15/25 10:33	10/15/25 12:29	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-2 (12-13')**

**Lab Sample ID: 880-63838-22**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/15/25 12:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/15/25 21:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/15/25 21:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/15/25 21:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/15/25 21:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	56	S1-	70 - 130				10/14/25 16:36	10/15/25 21:33	1
o-Terphenyl (Surr)	61	S1-	70 - 130				10/14/25 16:36	10/15/25 21:33	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3470		50.5		mg/Kg			10/15/25 21:10	5

**Client Sample ID: BH-2 (14-15')**

**Lab Sample ID: 880-63838-23**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:33	10/15/25 12:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:33	10/15/25 12:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:33	10/15/25 12:50	1
m,p-Xylenes	<0.00398	U **	0.00398		mg/Kg		10/15/25 10:33	10/15/25 12:50	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		10/15/25 10:33	10/15/25 12:50	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		10/15/25 10:33	10/15/25 12:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130				10/15/25 10:33	10/15/25 12:50	1
1,4-Difluorobenzene (Surr)	89		70 - 130				10/15/25 10:33	10/15/25 12:50	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/15/25 12:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/15/25 21:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 21:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 21:49	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-2 (14-15')**

**Lab Sample ID: 880-63838-23**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 21:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	62	S1-	70 - 130				10/14/25 16:36	10/15/25 21:49	1
o-Terphenyl (Surr)	68	S1-	70 - 130				10/14/25 16:36	10/15/25 21:49	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2470		49.8		mg/Kg			10/15/25 21:16	5

**Client Sample ID: BH-2 (16-17')**

**Lab Sample ID: 880-63838-24**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 13:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 13:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 13:10	1
m,p-Xylenes	<0.00399	U **	0.00399		mg/Kg		10/15/25 10:33	10/15/25 13:10	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		10/15/25 10:33	10/15/25 13:10	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		10/15/25 10:33	10/15/25 13:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130				10/15/25 10:33	10/15/25 13:10	1
1,4-Difluorobenzene (Surr)	68	S1-	70 - 130				10/15/25 10:33	10/15/25 13:10	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/15/25 13:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/15/25 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		10/14/25 16:36	10/15/25 22:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/15/25 22:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/15/25 22:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	44	S1-	70 - 130				10/14/25 16:36	10/15/25 22:04	1
o-Terphenyl (Surr)	50	S1-	70 - 130				10/14/25 16:36	10/15/25 22:04	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1460		49.6		mg/Kg			10/15/25 21:22	5

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-2 (18-19')**

**Lab Sample ID: 880-63838-25**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 13:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 13:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 13:31	1
m,p-Xylenes	<0.00402	U **	0.00402		mg/Kg		10/15/25 10:33	10/15/25 13:31	1
o-Xylene	<0.00201	U **	0.00201		mg/Kg		10/15/25 10:33	10/15/25 13:31	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		10/15/25 10:33	10/15/25 13:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130	10/15/25 10:33	10/15/25 13:31	1
1,4-Difluorobenzene (Surr)	96		70 - 130	10/15/25 10:33	10/15/25 13:31	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/15/25 13:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/15/25 22:20	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	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 22:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 22:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 22:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	55	S1-	70 - 130	10/14/25 16:36	10/15/25 22:20	1
o-Terphenyl (Surr)	61	S1-	70 - 130	10/14/25 16:36	10/15/25 22:20	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	523		9.94		mg/Kg			10/15/25 21:28	1

**Client Sample ID: BH-2 (20')**

**Lab Sample ID: 880-63838-26**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:33	10/15/25 13:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:33	10/15/25 13:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:33	10/15/25 13:51	1
m,p-Xylenes	<0.00404	U **	0.00404		mg/Kg		10/15/25 10:33	10/15/25 13:51	1
o-Xylene	<0.00202	U **	0.00202		mg/Kg		10/15/25 10:33	10/15/25 13:51	1
Xylenes, Total	<0.00404	U **	0.00404		mg/Kg		10/15/25 10:33	10/15/25 13:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	10/15/25 10:33	10/15/25 13:51	1
1,4-Difluorobenzene (Surr)	99		70 - 130	10/15/25 10:33	10/15/25 13:51	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-2 (20')**

**Lab Sample ID: 880-63838-26**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

**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			10/15/25 13:51	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			10/15/25 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		10/14/25 16:36	10/15/25 22:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 22:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 22:34	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	60	S1-	70 - 130				10/14/25 16:36	10/15/25 22:34	1
o-Terphenyl (Surr)	66	S1-	70 - 130				10/14/25 16:36	10/15/25 22:34	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	799		9.96		mg/Kg			10/15/25 21:45	1

**Client Sample ID: BH-2 (25')**

**Lab Sample ID: 880-63838-27**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:33	10/15/25 14:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:33	10/15/25 14:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:33	10/15/25 14:11	1
m,p-Xylenes	<0.00398	U **	0.00398		mg/Kg		10/15/25 10:33	10/15/25 14:11	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		10/15/25 10:33	10/15/25 14:11	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		10/15/25 10:33	10/15/25 14:11	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130				10/15/25 10:33	10/15/25 14:11	1
1,4-Difluorobenzene (Surr)	74		70 - 130				10/15/25 10:33	10/15/25 14:11	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			10/15/25 14:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/15/25 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	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/15/25 22:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/15/25 22:50	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-2 (25')**

**Lab Sample ID: 880-63838-27**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/15/25 22:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130				10/14/25 16:36	10/15/25 22:50	1
o-Terphenyl (Surr)	86		70 - 130				10/14/25 16:36	10/15/25 22:50	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	687		9.98		mg/Kg			10/15/25 21:51	1

**Client Sample ID: BH-2 (30')**

**Lab Sample ID: 880-63838-28**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 14:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 14:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 14:32	1
m,p-Xylenes	<0.00399	U **	0.00399		mg/Kg		10/15/25 10:33	10/15/25 14:32	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		10/15/25 10:33	10/15/25 14:32	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		10/15/25 10:33	10/15/25 14:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				10/15/25 10:33	10/15/25 14:32	1
1,4-Difluorobenzene (Surr)	76		70 - 130				10/15/25 10:33	10/15/25 14:32	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/15/25 14:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/15/25 23:04	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	<49.8	U	49.8		mg/Kg		10/14/25 16:36	10/15/25 23:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/14/25 16:36	10/15/25 23:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/14/25 16:36	10/15/25 23:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	56	S1-	70 - 130				10/14/25 16:36	10/15/25 23:04	1
o-Terphenyl (Surr)	60	S1-	70 - 130				10/14/25 16:36	10/15/25 23:04	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	766		9.96		mg/Kg			10/16/25 08:06	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-2 (35')**

**Lab Sample ID: 880-63838-29**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 14:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 14:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 14:52	1
m,p-Xylenes	<0.00402	U **	0.00402		mg/Kg		10/15/25 10:33	10/15/25 14:52	1
o-Xylene	<0.00201	U **	0.00201		mg/Kg		10/15/25 10:33	10/15/25 14:52	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		10/15/25 10:33	10/15/25 14:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	10/15/25 10:33	10/15/25 14:52	1
1,4-Difluorobenzene (Surr)	71		70 - 130	10/15/25 10:33	10/15/25 14:52	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/15/25 14:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/15/25 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	<49.8	U	49.8		mg/Kg		10/14/25 16:36	10/15/25 23:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/14/25 16:36	10/15/25 23:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/14/25 16:36	10/15/25 23:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	68	S1-	70 - 130	10/14/25 16:36	10/15/25 23:20	1
o-Terphenyl (Surr)	76		70 - 130	10/14/25 16:36	10/15/25 23:20	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1230		9.92		mg/Kg			10/16/25 08:12	1

**Client Sample ID: BH-2 (40')**

**Lab Sample ID: 880-63838-30**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:33	10/15/25 15:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:33	10/15/25 15:13	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:33	10/15/25 15:13	1
m,p-Xylenes	<0.00403	U **	0.00403		mg/Kg		10/15/25 10:33	10/15/25 15:13	1
o-Xylene	<0.00202	U **	0.00202		mg/Kg		10/15/25 10:33	10/15/25 15:13	1
Xylenes, Total	<0.00403	U **	0.00403		mg/Kg		10/15/25 10:33	10/15/25 15:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	10/15/25 10:33	10/15/25 15:13	1
1,4-Difluorobenzene (Surr)	127		70 - 130	10/15/25 10:33	10/15/25 15:13	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-2 (40')**

**Lab Sample ID: 880-63838-30**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/15/25 15:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/15/25 23:34	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		10/14/25 16:36	10/15/25 23:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 23:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 23:34	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	71		70 - 130				10/14/25 16:36	10/15/25 23:34	1
o-Terphenyl (Surr)	73		70 - 130				10/14/25 16:36	10/15/25 23:34	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	132		9.90		mg/Kg			10/16/25 08:18	1

**Client Sample ID: BH-3 (0-1')**

**Lab Sample ID: 880-63838-31**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:33	10/15/25 17:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:33	10/15/25 17:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:33	10/15/25 17:07	1
m,p-Xylenes	<0.00398	U **	0.00398		mg/Kg		10/15/25 10:33	10/15/25 17:07	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		10/15/25 10:33	10/15/25 17:07	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		10/15/25 10:33	10/15/25 17:07	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				10/15/25 10:33	10/15/25 17:07	1
1,4-Difluorobenzene (Surr)	80		70 - 130				10/15/25 10:33	10/15/25 17:07	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/15/25 17:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/25 00:04	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	<49.8	U	49.8		mg/Kg		10/14/25 16:36	10/16/25 00:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/14/25 16:36	10/16/25 00:04	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-3 (0-1')**

**Lab Sample ID: 880-63838-31**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/14/25 16:36	10/16/25 00:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	74		70 - 130				10/14/25 16:36	10/16/25 00:04	1
o-Terphenyl (Surr)	78		70 - 130				10/14/25 16:36	10/16/25 00:04	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	301		9.94		mg/Kg			10/15/25 22:02	1

**Client Sample ID: BH-3 (2-3')**

**Lab Sample ID: 880-63838-32**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 17:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 17:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 17:27	1
m,p-Xylenes	<0.00399	U **	0.00399		mg/Kg		10/15/25 10:33	10/15/25 17:27	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		10/15/25 10:33	10/15/25 17:27	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		10/15/25 10:33	10/15/25 17:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130				10/15/25 10:33	10/15/25 17:27	1
1,4-Difluorobenzene (Surr)	96		70 - 130				10/15/25 10:33	10/15/25 17:27	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/15/25 17:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 00:19	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	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 00:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 00:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 00:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	68	S1-	70 - 130				10/14/25 16:36	10/16/25 00:19	1
o-Terphenyl (Surr)	77		70 - 130				10/14/25 16:36	10/16/25 00:19	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	222		9.94		mg/Kg			10/15/25 22:20	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-3 (4-5')**

**Lab Sample ID: 880-63838-33**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 17:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 17:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 17:47	1
m,p-Xylenes	<0.00402	U **	0.00402		mg/Kg		10/15/25 10:33	10/15/25 17:47	1
o-Xylene	<0.00201	U **	0.00201		mg/Kg		10/15/25 10:33	10/15/25 17:47	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		10/15/25 10:33	10/15/25 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130	10/15/25 10:33	10/15/25 17:47	1
1,4-Difluorobenzene (Surr)	86		70 - 130	10/15/25 10:33	10/15/25 17:47	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/15/25 17:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/25 00:35	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	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/16/25 00:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/16/25 00:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/16/25 00:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	54	S1-	70 - 130	10/14/25 16:36	10/16/25 00:35	1
o-Terphenyl (Surr)	57	S1-	70 - 130	10/14/25 16:36	10/16/25 00:35	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	235		9.94		mg/Kg			10/15/25 22:26	1

**Client Sample ID: BH-3 (6-7')**

**Lab Sample ID: 880-63838-34**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 18:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 18:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 18:08	1
m,p-Xylenes	<0.00400	U **	0.00400		mg/Kg		10/15/25 10:33	10/15/25 18:08	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		10/15/25 10:33	10/15/25 18:08	1
Xylenes, Total	<0.00400	U **	0.00400		mg/Kg		10/15/25 10:33	10/15/25 18:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	10/15/25 10:33	10/15/25 18:08	1
1,4-Difluorobenzene (Surr)	111		70 - 130	10/15/25 10:33	10/15/25 18:08	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-3 (6-7')**

**Lab Sample ID: 880-63838-34**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

**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			10/15/25 18:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/25 00:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/16/25 00:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/16/25 00:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/16/25 00:49	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	70		70 - 130				10/14/25 16:36	10/16/25 00:49	1
o-Terphenyl (Surr)	77		70 - 130				10/14/25 16:36	10/16/25 00:49	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1800		49.6		mg/Kg			10/16/25 08:39	5

**Client Sample ID: BH-3 (8-9')**

**Lab Sample ID: 880-63838-35**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 18:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 18:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 18:28	1
m,p-Xylenes	<0.00399	U **	0.00399		mg/Kg		10/15/25 10:33	10/15/25 18:28	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		10/15/25 10:33	10/15/25 18:28	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		10/15/25 10:33	10/15/25 18:28	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	153	S1+	70 - 130				10/15/25 10:33	10/15/25 18:28	1
1,4-Difluorobenzene (Surr)	73		70 - 130				10/15/25 10:33	10/15/25 18:28	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/15/25 18:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 01:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 01:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 01:06	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-3 (8-9')**

**Lab Sample ID: 880-63838-35**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 01:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	56	S1-	70 - 130				10/14/25 16:36	10/16/25 01:06	1
o-Terphenyl (Surr)	61	S1-	70 - 130				10/14/25 16:36	10/16/25 01:06	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300		49.7		mg/Kg			10/16/25 08:51	5

**Client Sample ID: BH-3 (10-11')**

**Lab Sample ID: 880-63838-36**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 18:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 18:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 18:49	1
m,p-Xylenes	<0.00402	U **	0.00402		mg/Kg		10/15/25 10:33	10/15/25 18:49	1
o-Xylene	<0.00201	U **	0.00201		mg/Kg		10/15/25 10:33	10/15/25 18:49	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		10/15/25 10:33	10/15/25 18:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				10/15/25 10:33	10/15/25 18:49	1
1,4-Difluorobenzene (Surr)	96		70 - 130				10/15/25 10:33	10/15/25 18:49	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/15/25 18:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 01:20	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	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 01:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 01:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 01:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	56	S1-	70 - 130				10/14/25 16:36	10/16/25 01:20	1
o-Terphenyl (Surr)	60	S1-	70 - 130				10/14/25 16:36	10/16/25 01:20	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	295		9.92		mg/Kg			10/15/25 22:55	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-3 (12-13')**

**Lab Sample ID: 880-63838-37**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:33	10/15/25 19:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:33	10/15/25 19:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:33	10/15/25 19:09	1
m,p-Xylenes	<0.00398	U **	0.00398		mg/Kg		10/15/25 10:33	10/15/25 19:09	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		10/15/25 10:33	10/15/25 19:09	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		10/15/25 10:33	10/15/25 19:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	10/15/25 10:33	10/15/25 19:09	1
1,4-Difluorobenzene (Surr)	89		70 - 130	10/15/25 10:33	10/15/25 19:09	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/15/25 19:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/25 01:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/16/25 01:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/16/25 01:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/16/25 01:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	52	S1-	70 - 130	10/14/25 16:36	10/16/25 01:36	1
o-Terphenyl (Surr)	54	S1-	70 - 130	10/14/25 16:36	10/16/25 01:36	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	212		9.94		mg/Kg			10/16/25 08:33	1

**Client Sample ID: BH-3 (14-15')**

**Lab Sample ID: 880-63838-38**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 19:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 19:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 19:29	1
m,p-Xylenes	<0.00399	U **	0.00399		mg/Kg		10/15/25 10:33	10/15/25 19:29	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		10/15/25 10:33	10/15/25 19:29	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		10/15/25 10:33	10/15/25 19:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	153	S1+	70 - 130	10/15/25 10:33	10/15/25 19:29	1
1,4-Difluorobenzene (Surr)	89		70 - 130	10/15/25 10:33	10/15/25 19:29	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-3 (14-15')**

**Lab Sample ID: 880-63838-38**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/15/25 19:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 01:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 01:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 01:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 01:51	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	78		70 - 130				10/14/25 16:36	10/16/25 01:51	1
o-Terphenyl (Surr)	86		70 - 130				10/14/25 16:36	10/16/25 01:51	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	212		10.0		mg/Kg			10/15/25 23:03	1

**Client Sample ID: BH-3 (16-17')**

**Lab Sample ID: 880-63838-39**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:33	10/15/25 19:50	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:33	10/15/25 19:50	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:33	10/15/25 19:50	1
m,p-Xylenes	<0.00404	U **	0.00404		mg/Kg		10/15/25 10:33	10/15/25 19:50	1
o-Xylene	<0.00202	U **	0.00202		mg/Kg		10/15/25 10:33	10/15/25 19:50	1
Xylenes, Total	<0.00404	U **	0.00404		mg/Kg		10/15/25 10:33	10/15/25 19:50	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130				10/15/25 10:33	10/15/25 19:50	1
1,4-Difluorobenzene (Surr)	80		70 - 130				10/15/25 10:33	10/15/25 19:50	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			10/15/25 19:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/25 02:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/14/25 16:36	10/16/25 02:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/14/25 16:36	10/16/25 02:06	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-3 (16-17')**

**Lab Sample ID: 880-63838-39**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/14/25 16:36	10/16/25 02:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	66	S1-	70 - 130				10/14/25 16:36	10/16/25 02:06	1
o-Terphenyl (Surr)	69	S1-	70 - 130				10/14/25 16:36	10/16/25 02:06	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	262		10.1		mg/Kg			10/15/25 23:09	1

**Client Sample ID: BH-3 (18-19')**

**Lab Sample ID: 880-63838-40**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 20:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 20:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 20:10	1
m,p-Xylenes	<0.00402	U **	0.00402		mg/Kg		10/15/25 10:33	10/15/25 20:10	1
o-Xylene	<0.00201	U **	0.00201		mg/Kg		10/15/25 10:33	10/15/25 20:10	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		10/15/25 10:33	10/15/25 20:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				10/15/25 10:33	10/15/25 20:10	1
1,4-Difluorobenzene (Surr)	102		70 - 130				10/15/25 10:33	10/15/25 20:10	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			10/15/25 20:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 02:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 02:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 02:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 02:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	64	S1-	70 - 130				10/14/25 16:36	10/16/25 02:21	1
o-Terphenyl (Surr)	69	S1-	70 - 130				10/14/25 16:36	10/16/25 02:21	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	289		10.1		mg/Kg			10/15/25 23:15	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-3 (20')**

**Lab Sample ID: 880-63838-41**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:10	10/15/25 18:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:10	10/15/25 18:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:10	10/15/25 18:35	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/15/25 10:10	10/15/25 18:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:10	10/15/25 18:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/25 10:10	10/15/25 18:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	10/15/25 10:10	10/15/25 18:35	1
1,4-Difluorobenzene (Surr)	112		70 - 130	10/15/25 10:10	10/15/25 18:35	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			10/15/25 18:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/25 10:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	49.9		mg/Kg		10/14/25 16:36	10/16/25 10:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		10/14/25 16:36	10/16/25 10:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/16/25 10:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	71		70 - 130	10/14/25 16:36	10/16/25 10:42	1
o-Terphenyl (Surr)	75		70 - 130	10/14/25 16:36	10/16/25 10:42	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	274		9.94		mg/Kg			10/15/25 09:49	1

**Client Sample ID: BH-3 (25')**

**Lab Sample ID: 880-63838-42**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:10	10/15/25 18:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:10	10/15/25 18:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:10	10/15/25 18:56	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/15/25 10:10	10/15/25 18:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:10	10/15/25 18:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/25 10:10	10/15/25 18:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	10/15/25 10:10	10/15/25 18:56	1
1,4-Difluorobenzene (Surr)	118		70 - 130	10/15/25 10:10	10/15/25 18:56	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-3 (25')**

**Lab Sample ID: 880-63838-42**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/15/25 18:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 11:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 11:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 11:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 11:26	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	78		70 - 130				10/14/25 16:36	10/16/25 11:26	1
o-Terphenyl (Surr)	80		70 - 130				10/14/25 16:36	10/16/25 11:26	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	337		9.96		mg/Kg			10/15/25 10:05	1

**Client Sample ID: BH-3 (30')**

**Lab Sample ID: 880-63838-43**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:10	10/15/25 19:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:10	10/15/25 19:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:10	10/15/25 19:16	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/15/25 10:10	10/15/25 19:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:10	10/15/25 19:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/25 10:10	10/15/25 19:16	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130				10/15/25 10:10	10/15/25 19:16	1
1,4-Difluorobenzene (Surr)	119		70 - 130				10/15/25 10:10	10/15/25 19:16	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/15/25 19:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 11:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 11:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 11:42	1

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-3 (30')**

**Lab Sample ID: 880-63838-43**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 11:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	64	S1-	70 - 130				10/14/25 16:36	10/16/25 11:42	1
o-Terphenyl (Surr)	62	S1-	70 - 130				10/14/25 16:36	10/16/25 11:42	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		9.94		mg/Kg			10/15/25 10:10	1

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

## Surrogate Summary

Client: Carmona Resources  
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
SDG: Eddy County New Mexico

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-63836-A-1-C MS	Matrix Spike	103	107
880-63836-A-1-D MSD	Matrix Spike Duplicate	103	112
880-63838-1	BH-1 (0-1')	110	98
880-63838-1 MS	BH-1 (0-1')	99	102
880-63838-1 MSD	BH-1 (0-1')	102	106
880-63838-2	BH-1 (2-3')	107	101
880-63838-3	BH-1 (4-5')	104	98
880-63838-4	BH-1 (6-7')	104	99
880-63838-5	BH-1 (8-9')	108	102
880-63838-6	BH-1 (10-11')	107	100
880-63838-7	BH-1 (12-13')	104	101
880-63838-8	BH-1 (14-15')	105	100
880-63838-9	BH-1 (16-17')	108	102
880-63838-10	BH-1 (18-19')	107	101
880-63838-11	BH-1 (20')	108	99
880-63838-12	BH-1 (25')	105	101
880-63838-13	BH-1 (30')	110	99
880-63838-14	BH-1 (35')	103	97
880-63838-15	BH-1 (40')	104	100
880-63838-16	BH-2 (0-1')	105	98
880-63838-17	BH-2 (2-3')	107	101
880-63838-18	BH-2 (4-5')	106	101
880-63838-19	BH-2 (6-7')	107	99
880-63838-20	BH-2 (8-9')	108	102
880-63838-21	BH-2 (10-11')	169 S1+	88
880-63838-21 MS	BH-2 (10-11')	165 S1+	78
880-63838-21 MSD	BH-2 (10-11')	155 S1+	86
880-63838-22	BH-2 (12-13')	145 S1+	92
880-63838-23	BH-2 (14-15')	150 S1+	89
880-63838-24	BH-2 (16-17')	70	68 S1-
880-63838-25	BH-2 (18-19')	145 S1+	96
880-63838-26	BH-2 (20')	118	99
880-63838-27	BH-2 (25')	142 S1+	74
880-63838-28	BH-2 (30')	100	76
880-63838-29	BH-2 (35')	159 S1+	71
880-63838-30	BH-2 (40')	141 S1+	127
880-63838-31	BH-3 (0-1')	131 S1+	80
880-63838-32	BH-3 (2-3')	140 S1+	96
880-63838-33	BH-3 (4-5')	144 S1+	86
880-63838-34	BH-3 (6-7')	134 S1+	111
880-63838-35	BH-3 (8-9')	153 S1+	73
880-63838-36	BH-3 (10-11')	115	96
880-63838-37	BH-3 (12-13')	109	89
880-63838-38	BH-3 (14-15')	153 S1+	89
880-63838-39	BH-3 (16-17')	149 S1+	80
880-63838-40	BH-3 (18-19')	120	102
880-63838-41	BH-3 (20')	124	112
880-63838-42	BH-3 (25')	129	118
880-63838-43	BH-3 (30')	134 S1+	119

Eurofins Midland

### Surrogate Summary

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
LCS 880-121220/1-A	Lab Control Sample	102	109
LCS 880-121221/1-A	Lab Control Sample	100	102
LCS 880-121223/1-A	Lab Control Sample	149 S1+	81
LCS 880-121220/2-A	Lab Control Sample Dup	100	111
LCS 880-121221/2-A	Lab Control Sample Dup	101	104
LCS 880-121223/2-A	Lab Control Sample Dup	154 S1+	78
MB 880-121220/5-A	Method Blank	184 S1+	104
MB 880-121221/5-A	Method Blank	106	94
MB 880-121223/5-A	Method Blank	155 S1+	74

**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)
880-63838-1	BH-1 (0-1')	57 S1-	62 S1-
880-63838-1 MS	BH-1 (0-1')	42 S1-	38 S1-
880-63838-1 MSD	BH-1 (0-1')	42 S1-	37 S1-
880-63838-2	BH-1 (2-3')	44 S1-	49 S1-
880-63838-3	BH-1 (4-5')	50 S1-	59 S1-
880-63838-4	BH-1 (6-7')	44 S1-	52 S1-
880-63838-5	BH-1 (8-9')	52 S1-	58 S1-
880-63838-6	BH-1 (10-11')	56 S1-	66 S1-
880-63838-7	BH-1 (12-13')	79	91
880-63838-8	BH-1 (14-15')	76	87
880-63838-9	BH-1 (16-17')	79	89
880-63838-10	BH-1 (18-19')	72	78
880-63838-11	BH-1 (20')	75	83
880-63838-12	BH-1 (25')	77	87
880-63838-13	BH-1 (30')	70	78
880-63838-14	BH-1 (35')	78	85
880-63838-15	BH-1 (40')	63 S1-	69 S1-
880-63838-16	BH-2 (0-1')	73	81
880-63838-17	BH-2 (2-3')	56 S1-	64 S1-
880-63838-18	BH-2 (4-5')	60 S1-	74
880-63838-19	BH-2 (6-7')	53 S1-	60 S1-
880-63838-20	BH-2 (8-9')	62 S1-	69 S1-
880-63838-21	BH-2 (10-11')	54 S1-	59 S1-
880-63838-21 MS	BH-2 (10-11')	73	81
880-63838-21 MSD	BH-2 (10-11')	65 S1-	68 S1-
880-63838-22	BH-2 (12-13')	56 S1-	61 S1-
880-63838-23	BH-2 (14-15')	62 S1-	68 S1-
880-63838-24	BH-2 (16-17')	44 S1-	50 S1-
880-63838-25	BH-2 (18-19')	55 S1-	61 S1-
880-63838-26	BH-2 (20')	60 S1-	66 S1-
880-63838-27	BH-2 (25')	79	86

Eurofins Midland

### Surrogate Summary

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-63838-28	BH-2 (30')	56 S1-	60 S1-
880-63838-29	BH-2 (35')	68 S1-	76
880-63838-30	BH-2 (40')	71	73
880-63838-31	BH-3 (0-1')	74	78
880-63838-32	BH-3 (2-3')	68 S1-	77
880-63838-33	BH-3 (4-5')	54 S1-	57 S1-
880-63838-34	BH-3 (6-7')	70	77
880-63838-35	BH-3 (8-9')	56 S1-	61 S1-
880-63838-36	BH-3 (10-11')	56 S1-	60 S1-
880-63838-37	BH-3 (12-13')	52 S1-	54 S1-
880-63838-38	BH-3 (14-15')	78	86
880-63838-39	BH-3 (16-17')	66 S1-	69 S1-
880-63838-40	BH-3 (18-19')	64 S1-	69 S1-
880-63838-41	BH-3 (20')	71	75
880-63838-41 MS	BH-3 (20')	94	91
880-63838-41 MSD	BH-3 (20')	78	87
880-63838-42	BH-3 (25')	78	80
880-63838-43	BH-3 (30')	64 S1-	62 S1-
LCS 880-121193/2-A	Lab Control Sample	114	116
LCS 880-121194/2-A	Lab Control Sample	108	122
LCS 880-121197/2-A	Lab Control Sample	133 S1+	123
LCSD 880-121193/3-A	Lab Control Sample Dup	94	96
LCSD 880-121194/3-A	Lab Control Sample Dup	104	120
LCSD 880-121197/3-A	Lab Control Sample Dup	95	107
MB 880-121193/1-A	Method Blank	68 S1-	77
MB 880-121194/1-A	Method Blank	83	88
MB 880-121197/1-A	Method Blank	69 S1-	77

**Surrogate Legend**

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

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

Lab Sample ID: MB 880-121220/5-A  
 Matrix: Solid  
 Analysis Batch: 121213

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 121220

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:10	10/15/25 12:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:10	10/15/25 12:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:10	10/15/25 12:10	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/15/25 10:10	10/15/25 12:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:10	10/15/25 12:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/25 10:10	10/15/25 12:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	184	S1+	70 - 130	10/15/25 10:10	10/15/25 12:10	1
1,4-Difluorobenzene (Surr)	104		70 - 130	10/15/25 10:10	10/15/25 12:10	1

Lab Sample ID: LCS 880-121220/1-A  
 Matrix: Solid  
 Analysis Batch: 121213

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 121220

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09272		mg/Kg		93	70 - 130
Toluene	0.100	0.07242		mg/Kg		72	70 - 130
Ethylbenzene	0.100	0.09208		mg/Kg		92	70 - 130
m,p-Xylenes	0.200	0.1745		mg/Kg		87	70 - 130
o-Xylene	0.100	0.08755		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-121220/2-A  
 Matrix: Solid  
 Analysis Batch: 121213

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 121220

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09671		mg/Kg		97	70 - 130	4	35
Toluene	0.100	0.07662		mg/Kg		77	70 - 130	6	35
Ethylbenzene	0.100	0.08761		mg/Kg		88	70 - 130	5	35
m,p-Xylenes	0.200	0.1764		mg/Kg		88	70 - 130	1	35
o-Xylene	0.100	0.08468		mg/Kg		85	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 880-63836-A-1-C MS  
 Matrix: Solid  
 Analysis Batch: 121213

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 121220

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1092		mg/Kg		109	70 - 130
Toluene	<0.00200	U	0.100	0.08842		mg/Kg		88	70 - 130

Eurofins Midland

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

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

Lab Sample ID: 880-63836-A-1-C MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 121213

Prep Batch: 121220

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U	0.100	0.09521		mg/Kg		95	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1871		mg/Kg		94	70 - 130
o-Xylene	<0.00200	U	0.100	0.1045		mg/Kg		105	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-63836-A-1-D MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 121213

Prep Batch: 121220

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U	0.100	0.1179		mg/Kg		118	70 - 130	8	35
Toluene	<0.00200	U	0.100	0.09212		mg/Kg		92	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.1124		mg/Kg		112	70 - 130	17	35
m,p-Xylenes	<0.00399	U	0.200	0.2277		mg/Kg		114	70 - 130	20	35
o-Xylene	<0.00200	U	0.100	0.1126		mg/Kg		113	70 - 130	7	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: MB 880-121221/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 121122

Prep Batch: 121221

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/25 08:00	10/15/25 11:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 08:00	10/15/25 11:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 08:00	10/15/25 11:47	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/15/25 08:00	10/15/25 11:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 08:00	10/15/25 11:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/25 08:00	10/15/25 11:47	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	106		70 - 130	10/15/25 08:00	10/15/25 11:47	1
1,4-Difluorobenzene (Surr)	94		70 - 130	10/15/25 08:00	10/15/25 11:47	1

Lab Sample ID: LCS 880-121221/1-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 121122

Prep Batch: 121221

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.09944		mg/Kg		99	70 - 130
Toluene	0.100	0.08870		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.09051		mg/Kg		91	70 - 130
m,p-Xylenes	0.200	0.1857		mg/Kg		93	70 - 130

Eurofins Midland

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

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

**Lab Sample ID: LCS 880-121221/1-A**  
**Matrix: Solid**  
**Analysis Batch: 121122**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 121221**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09027		mg/Kg		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

**Lab Sample ID: LCSD 880-121221/2-A**  
**Matrix: Solid**  
**Analysis Batch: 121122**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 121221**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1031		mg/Kg		103	70 - 130	4	35
Toluene	0.100	0.09135		mg/Kg		91	70 - 130	3	35
Ethylbenzene	0.100	0.09239		mg/Kg		92	70 - 130	2	35
m,p-Xylenes	0.200	0.1913		mg/Kg		96	70 - 130	3	35
o-Xylene	0.100	0.09385		mg/Kg		94	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

**Lab Sample ID: 880-63838-1 MS**  
**Matrix: Solid**  
**Analysis Batch: 121122**

**Client Sample ID: BH-1 (0-1')**  
**Prep Type: Total/NA**  
**Prep Batch: 121221**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1109		mg/Kg		111	70 - 130
Toluene	<0.00200	U	0.100	0.09901		mg/Kg		99	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09940		mg/Kg		99	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.2036		mg/Kg		102	70 - 130
o-Xylene	<0.00200	U	0.100	0.09853		mg/Kg		99	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

**Lab Sample ID: 880-63838-1 MSD**  
**Matrix: Solid**  
**Analysis Batch: 121122**

**Client Sample ID: BH-1 (0-1')**  
**Prep Type: Total/NA**  
**Prep Batch: 121221**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.1110		mg/Kg		111	70 - 130	0	35
Toluene	<0.00200	U	0.100	0.09861		mg/Kg		99	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.100	0.09869		mg/Kg		99	70 - 130	1	35
m,p-Xylenes	<0.00399	U	0.200	0.2017		mg/Kg		101	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.09741		mg/Kg		97	70 - 130	1	35

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

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

**Lab Sample ID: 880-63838-1 MSD**  
**Matrix: Solid**  
**Analysis Batch: 121122**

**Client Sample ID: BH-1 (0-1')**  
**Prep Type: Total/NA**  
**Prep Batch: 121221**

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

**Lab Sample ID: MB 880-121223/5-A**  
**Matrix: Solid**  
**Analysis Batch: 121212**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 121223**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/25 08:00	10/15/25 11:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 08:00	10/15/25 11:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 08:00	10/15/25 11:47	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/15/25 08:00	10/15/25 11:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 08:00	10/15/25 11:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/25 08:00	10/15/25 11:47	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130	10/15/25 08:00	10/15/25 11:47	1
1,4-Difluorobenzene (Surr)	74		70 - 130	10/15/25 08:00	10/15/25 11:47	1

**Lab Sample ID: LCS 880-121223/1-A**  
**Matrix: Solid**  
**Analysis Batch: 121212**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 121223**

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1161		mg/Kg		116	70 - 130
Toluene	0.100	0.1119		mg/Kg		112	70 - 130
Ethylbenzene	0.100	0.1195		mg/Kg		119	70 - 130
m,p-Xylenes	0.200	0.2496		mg/Kg		125	70 - 130
o-Xylene	0.100	0.1258		mg/Kg		126	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130
1,4-Difluorobenzene (Surr)	81		70 - 130

**Lab Sample ID: LCSD 880-121223/2-A**  
**Matrix: Solid**  
**Analysis Batch: 121212**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 121223**

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	Limit
		Result	Qualifier						
Benzene	0.100	0.1152		mg/Kg		115	70 - 130	1	35
Toluene	0.100	0.1190		mg/Kg		119	70 - 130	6	35
Ethylbenzene	0.100	0.1290		mg/Kg		129	70 - 130	8	35
m,p-Xylenes	0.200	0.2749	*+	mg/Kg		137	70 - 130	10	35
o-Xylene	0.100	0.1380	*+	mg/Kg		138	70 - 130	9	35

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130

Eurofins Midland

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

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

Lab Sample ID: LCSD 880-121223/2-A  
 Matrix: Solid  
 Analysis Batch: 121212

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 121223

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	78		70 - 130

Lab Sample ID: 880-63838-21 MS  
 Matrix: Solid  
 Analysis Batch: 121212

Client Sample ID: BH-2 (10-11')  
 Prep Type: Total/NA  
 Prep Batch: 121223

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09753		mg/Kg		98	70 - 130
Toluene	<0.00200	U	0.100	0.1011		mg/Kg		101	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1103		mg/Kg		110	70 - 130
m,p-Xylenes	<0.00399	U *	0.200	0.2380		mg/Kg		119	70 - 130
o-Xylene	<0.00200	U *	0.100	0.1187		mg/Kg		119	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	165	S1+	70 - 130
1,4-Difluorobenzene (Surr)	78		70 - 130

Lab Sample ID: 880-63838-21 MSD  
 Matrix: Solid  
 Analysis Batch: 121212

Client Sample ID: BH-2 (10-11')  
 Prep Type: Total/NA  
 Prep Batch: 121223

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.1079		mg/Kg		108	70 - 130	10	35
Toluene	<0.00200	U	0.100	0.1034		mg/Kg		103	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.1093		mg/Kg		109	70 - 130	1	35
m,p-Xylenes	<0.00399	U *	0.200	0.2284		mg/Kg		114	70 - 130	4	35
o-Xylene	<0.00200	U *	0.100	0.1136		mg/Kg		114	70 - 130	4	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

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

Lab Sample ID: MB 880-121193/1-A  
 Matrix: Solid  
 Analysis Batch: 121234

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 121193

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 00:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 00:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 00:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	68	S1-	70 - 130	10/14/25 16:35	10/16/25 00:41	1
o-Terphenyl (Surr)	77		70 - 130	10/14/25 16:35	10/16/25 00:41	1

Eurofins Midland

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

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

**Lab Sample ID: LCS 880-121193/2-A**  
**Matrix: Solid**  
**Analysis Batch: 121234**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 121193**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	863.2		mg/Kg		86	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1025		mg/Kg		103	70 - 130	
		<b>LCS</b>	<b>LCS</b>					
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>			<b>Limits</b>		
1-Chlorooctane (Surr)		114				70 - 130		
o-Terphenyl (Surr)		116				70 - 130		

**Lab Sample ID: LCSD 880-121193/3-A**  
**Matrix: Solid**  
**Analysis Batch: 121234**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 121193**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	752.9		mg/Kg		75	70 - 130	14	20	
Diesel Range Organics (Over C10-C28)	1000	844.5		mg/Kg		84	70 - 130	19	20	
		<b>LCSD</b>	<b>LCSD</b>							
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>			<b>Limits</b>				
1-Chlorooctane (Surr)		94				70 - 130				
o-Terphenyl (Surr)		96				70 - 130				

**Lab Sample ID: 880-63838-1 MS**  
**Matrix: Solid**  
**Analysis Batch: 121234**

**Client Sample ID: BH-1 (0-1')**  
**Prep Type: Total/NA**  
**Prep Batch: 121193**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	999	367.6	F1	mg/Kg		37	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U F1	999	415.6	F1	mg/Kg		42	70 - 130	
		<b>MS</b>	<b>MS</b>							
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>			<b>Limits</b>				
1-Chlorooctane (Surr)		42	S1-			70 - 130				
o-Terphenyl (Surr)		38	S1-			70 - 130				

**Lab Sample ID: 880-63838-1 MSD**  
**Matrix: Solid**  
**Analysis Batch: 121234**

**Client Sample ID: BH-1 (0-1')**  
**Prep Type: Total/NA**  
**Prep Batch: 121193**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	999	387.5	F1	mg/Kg		39	70 - 130	5	20	
Diesel Range Organics (Over C10-C28)	<50.0	U F1	999	416.1	F1	mg/Kg		42	70 - 130	0	20	
		<b>MSD</b>	<b>MSD</b>									
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>			<b>Limits</b>						
1-Chlorooctane (Surr)		42	S1-			70 - 130						

Eurofins Midland

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

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

**Lab Sample ID: 880-63838-1 MSD**  
**Matrix: Solid**  
**Analysis Batch: 121234**

**Client Sample ID: BH-1 (0-1')**  
**Prep Type: Total/NA**  
**Prep Batch: 121193**

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
<i>o</i> -Terphenyl (Surr)	37	S1-	70 - 130

**Lab Sample ID: MB 880-121194/1-A**  
**Matrix: Solid**  
**Analysis Batch: 121271**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 121194**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 19:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 19:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 19:47	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
<i>1</i> -Chlorooctane (Surr)	83		70 - 130	10/14/25 16:36	10/15/25 19:47	1
<i>o</i> -Terphenyl (Surr)	88		70 - 130	10/14/25 16:36	10/15/25 19:47	1

**Lab Sample ID: LCS 880-121194/2-A**  
**Matrix: Solid**  
**Analysis Batch: 121271**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 121194**

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	866.1		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	1000	891.4		mg/Kg		89	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
<i>1</i> -Chlorooctane (Surr)	108		70 - 130
<i>o</i> -Terphenyl (Surr)	122		70 - 130

**Lab Sample ID: LCSD 880-121194/3-A**  
**Matrix: Solid**  
**Analysis Batch: 121271**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 121194**

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	805.1		mg/Kg		81	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	858.2		mg/Kg		86	70 - 130	4	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
<i>1</i> -Chlorooctane (Surr)	104		70 - 130
<i>o</i> -Terphenyl (Surr)	120		70 - 130



### QC Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

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

**Lab Sample ID: LCS 880-121197/2-A**  
**Matrix: Solid**  
**Analysis Batch: 121349**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 121197**

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	133	S1+	70 - 130
o-Terphenyl (Surr)	123		70 - 130

**Lab Sample ID: LCSD 880-121197/3-A**  
**Matrix: Solid**  
**Analysis Batch: 121349**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 121197**

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	865.1		mg/Kg		87	70 - 130	13		20
Diesel Range Organics (Over C10-C28)	1000	803.7		mg/Kg		80	70 - 130	12		20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	95		70 - 130
o-Terphenyl (Surr)	107		70 - 130

**Lab Sample ID: 880-63838-41 MS**  
**Matrix: Solid**  
**Analysis Batch: 121349**

**Client Sample ID: BH-3 (20')**  
**Prep Type: Total/NA**  
**Prep Batch: 121197**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	1000	649.3	F1	mg/Kg		65	70 - 130			
Diesel Range Organics (Over C10-C28)	<49.9	U F1	1000	572.3	F1	mg/Kg		57	70 - 130			

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	94		70 - 130
o-Terphenyl (Surr)	91		70 - 130

**Lab Sample ID: 880-63838-41 MSD**  
**Matrix: Solid**  
**Analysis Batch: 121349**

**Client Sample ID: BH-3 (20')**  
**Prep Type: Total/NA**  
**Prep Batch: 121197**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	1000	649.7	F1	mg/Kg		65	70 - 130	0		20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	1000	603.4	F1	mg/Kg		60	70 - 130	5		20

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	78		70 - 130
o-Terphenyl (Surr)	87		70 - 130

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

#### Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-121206/1-A  
 Matrix: Solid  
 Analysis Batch: 121211

Client Sample ID: Method Blank  
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/15/25 09:33	1

Lab Sample ID: LCS 880-121206/2-A  
 Matrix: Solid  
 Analysis Batch: 121211

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	261.0		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-121206/3-A  
 Matrix: Solid  
 Analysis Batch: 121211

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	262.1		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-63838-41 MS  
 Matrix: Solid  
 Analysis Batch: 121211

Client Sample ID: BH-3 (20')  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	274		249	521.2		mg/Kg		99	90 - 110

Lab Sample ID: 880-63838-41 MSD  
 Matrix: Solid  
 Analysis Batch: 121211

Client Sample ID: BH-3 (20')  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	274		249	522.7		mg/Kg		100	90 - 110	0	20

Lab Sample ID: MB 880-121201/1-A  
 Matrix: Solid  
 Analysis Batch: 121216

Client Sample ID: Method Blank  
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/15/25 11:29	1

Lab Sample ID: LCS 880-121201/2-A  
 Matrix: Solid  
 Analysis Batch: 121216

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	262.5		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-121201/3-A  
 Matrix: Solid  
 Analysis Batch: 121216

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	263.0		mg/Kg		105	90 - 110	0	20

Eurofins Midland

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Method: 300.0 - Anions, Ion Chromatography**

**Lab Sample ID: 880-63838-1 MS**  
**Matrix: Solid**  
**Analysis Batch: 121216**

**Client Sample ID: BH-1 (0-1')**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	329		249	567.6		mg/Kg		96	90 - 110

**Lab Sample ID: 880-63838-1 MSD**  
**Matrix: Solid**  
**Analysis Batch: 121216**

**Client Sample ID: BH-1 (0-1')**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	329		249	567.6		mg/Kg		96	90 - 110	0	20

**Lab Sample ID: 880-63838-11 MS**  
**Matrix: Solid**  
**Analysis Batch: 121216**

**Client Sample ID: BH-1 (20')**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	8050		4980	13240		mg/Kg		104	90 - 110

**Lab Sample ID: 880-63838-11 MSD**  
**Matrix: Solid**  
**Analysis Batch: 121216**

**Client Sample ID: BH-1 (20')**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	8050		4980	13260		mg/Kg		105	90 - 110	0	20

**Lab Sample ID: MB 880-121202/1-A**  
**Matrix: Solid**  
**Analysis Batch: 121222**

**Client Sample ID: Method Blank**  
**Prep Type: Soluble**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/15/25 20:35	1

**Lab Sample ID: LCS 880-121202/2-A**  
**Matrix: Solid**  
**Analysis Batch: 121222**

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	273.9		mg/Kg		110	90 - 110

**Lab Sample ID: LCSD 880-121202/3-A**  
**Matrix: Solid**  
**Analysis Batch: 121222**

**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	273.7		mg/Kg		109	90 - 110	0	20

**Lab Sample ID: 880-63838-21 MS**  
**Matrix: Solid**  
**Analysis Batch: 121222**

**Client Sample ID: BH-2 (10-11')**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3300	F1	1260	5092	F1	mg/Kg		143	90 - 110

Eurofins Midland

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Method: 300.0 - Anions, Ion Chromatography**

**Lab Sample ID: 880-63838-21 MSD**  
**Matrix: Solid**  
**Analysis Batch: 121222**

**Client Sample ID: BH-2 (10-11')**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3300	F1	1260	5101	F1	mg/Kg		143	90 - 110	0	20

**Lab Sample ID: 880-63838-31 MS**  
**Matrix: Solid**  
**Analysis Batch: 121222**

**Client Sample ID: BH-3 (0-1')**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	301		249	526.2		mg/Kg		91	90 - 110		

**Lab Sample ID: 880-63838-31 MSD**  
**Matrix: Solid**  
**Analysis Batch: 121222**

**Client Sample ID: BH-3 (0-1')**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	301		249	526.4		mg/Kg		91	90 - 110	0	20

### QC Association Summary

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

#### GC VOA

##### Analysis Batch: 121122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-1	BH-1 (0-1')	Total/NA	Solid	8021B	121221
880-63838-2	BH-1 (2-3')	Total/NA	Solid	8021B	121221
880-63838-3	BH-1 (4-5')	Total/NA	Solid	8021B	121221
880-63838-4	BH-1 (6-7')	Total/NA	Solid	8021B	121221
880-63838-5	BH-1 (8-9')	Total/NA	Solid	8021B	121221
880-63838-6	BH-1 (10-11')	Total/NA	Solid	8021B	121221
880-63838-7	BH-1 (12-13')	Total/NA	Solid	8021B	121221
880-63838-8	BH-1 (14-15')	Total/NA	Solid	8021B	121221
880-63838-9	BH-1 (16-17')	Total/NA	Solid	8021B	121221
880-63838-10	BH-1 (18-19')	Total/NA	Solid	8021B	121221
880-63838-11	BH-1 (20')	Total/NA	Solid	8021B	121221
880-63838-12	BH-1 (25')	Total/NA	Solid	8021B	121221
880-63838-13	BH-1 (30')	Total/NA	Solid	8021B	121221
880-63838-14	BH-1 (35')	Total/NA	Solid	8021B	121221
880-63838-15	BH-1 (40')	Total/NA	Solid	8021B	121221
880-63838-16	BH-2 (0-1')	Total/NA	Solid	8021B	121221
880-63838-17	BH-2 (2-3')	Total/NA	Solid	8021B	121221
880-63838-18	BH-2 (4-5')	Total/NA	Solid	8021B	121221
880-63838-19	BH-2 (6-7')	Total/NA	Solid	8021B	121221
880-63838-20	BH-2 (8-9')	Total/NA	Solid	8021B	121221
MB 880-121221/5-A	Method Blank	Total/NA	Solid	8021B	121221
LCS 880-121221/1-A	Lab Control Sample	Total/NA	Solid	8021B	121221
LCSD 880-121221/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121221
880-63838-1 MS	BH-1 (0-1')	Total/NA	Solid	8021B	121221
880-63838-1 MSD	BH-1 (0-1')	Total/NA	Solid	8021B	121221

##### Analysis Batch: 121212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-21	BH-2 (10-11')	Total/NA	Solid	8021B	121223
880-63838-22	BH-2 (12-13')	Total/NA	Solid	8021B	121223
880-63838-23	BH-2 (14-15')	Total/NA	Solid	8021B	121223
880-63838-24	BH-2 (16-17')	Total/NA	Solid	8021B	121223
880-63838-25	BH-2 (18-19')	Total/NA	Solid	8021B	121223
880-63838-26	BH-2 (20')	Total/NA	Solid	8021B	121223
880-63838-27	BH-2 (25')	Total/NA	Solid	8021B	121223
880-63838-28	BH-2 (30')	Total/NA	Solid	8021B	121223
880-63838-29	BH-2 (35')	Total/NA	Solid	8021B	121223
880-63838-30	BH-2 (40')	Total/NA	Solid	8021B	121223
880-63838-31	BH-3 (0-1')	Total/NA	Solid	8021B	121223
880-63838-32	BH-3 (2-3')	Total/NA	Solid	8021B	121223
880-63838-33	BH-3 (4-5')	Total/NA	Solid	8021B	121223
880-63838-34	BH-3 (6-7')	Total/NA	Solid	8021B	121223
880-63838-35	BH-3 (8-9')	Total/NA	Solid	8021B	121223
880-63838-36	BH-3 (10-11')	Total/NA	Solid	8021B	121223
880-63838-37	BH-3 (12-13')	Total/NA	Solid	8021B	121223
880-63838-38	BH-3 (14-15')	Total/NA	Solid	8021B	121223
880-63838-39	BH-3 (16-17')	Total/NA	Solid	8021B	121223
880-63838-40	BH-3 (18-19')	Total/NA	Solid	8021B	121223
MB 880-121223/5-A	Method Blank	Total/NA	Solid	8021B	121223
LCS 880-121223/1-A	Lab Control Sample	Total/NA	Solid	8021B	121223
LCSD 880-121223/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121223

Eurofins Midland

### QC Association Summary

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

#### GC VOA (Continued)

##### Analysis Batch: 121212 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-21 MS	BH-2 (10-11')	Total/NA	Solid	8021B	121223
880-63838-21 MSD	BH-2 (10-11')	Total/NA	Solid	8021B	121223

##### Analysis Batch: 121213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-41	BH-3 (20')	Total/NA	Solid	8021B	121220
880-63838-42	BH-3 (25')	Total/NA	Solid	8021B	121220
880-63838-43	BH-3 (30')	Total/NA	Solid	8021B	121220
MB 880-121220/5-A	Method Blank	Total/NA	Solid	8021B	121220
LCS 880-121220/1-A	Lab Control Sample	Total/NA	Solid	8021B	121220
LCSD 880-121220/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121220
880-63836-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	121220
880-63836-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	121220

##### Prep Batch: 121220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-41	BH-3 (20')	Total/NA	Solid	5035	
880-63838-42	BH-3 (25')	Total/NA	Solid	5035	
880-63838-43	BH-3 (30')	Total/NA	Solid	5035	
MB 880-121220/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-121220/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121220/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-63836-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-63836-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

##### Prep Batch: 121221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-1	BH-1 (0-1')	Total/NA	Solid	5035	
880-63838-2	BH-1 (2-3')	Total/NA	Solid	5035	
880-63838-3	BH-1 (4-5')	Total/NA	Solid	5035	
880-63838-4	BH-1 (6-7')	Total/NA	Solid	5035	
880-63838-5	BH-1 (8-9')	Total/NA	Solid	5035	
880-63838-6	BH-1 (10-11')	Total/NA	Solid	5035	
880-63838-7	BH-1 (12-13')	Total/NA	Solid	5035	
880-63838-8	BH-1 (14-15')	Total/NA	Solid	5035	
880-63838-9	BH-1 (16-17')	Total/NA	Solid	5035	
880-63838-10	BH-1 (18-19')	Total/NA	Solid	5035	
880-63838-11	BH-1 (20')	Total/NA	Solid	5035	
880-63838-12	BH-1 (25')	Total/NA	Solid	5035	
880-63838-13	BH-1 (30')	Total/NA	Solid	5035	
880-63838-14	BH-1 (35')	Total/NA	Solid	5035	
880-63838-15	BH-1 (40')	Total/NA	Solid	5035	
880-63838-16	BH-2 (0-1')	Total/NA	Solid	5035	
880-63838-17	BH-2 (2-3')	Total/NA	Solid	5035	
880-63838-18	BH-2 (4-5')	Total/NA	Solid	5035	
880-63838-19	BH-2 (6-7')	Total/NA	Solid	5035	
880-63838-20	BH-2 (8-9')	Total/NA	Solid	5035	
MB 880-121221/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-121221/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121221/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-63838-1 MS	BH-1 (0-1')	Total/NA	Solid	5035	

Eurofins Midland

### QC Association Summary

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

#### GC VOA (Continued)

##### Prep Batch: 121221 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-1 MSD	BH-1 (0-1')	Total/NA	Solid	5035	

##### Prep Batch: 121223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-21	BH-2 (10-11')	Total/NA	Solid	5035	
880-63838-22	BH-2 (12-13')	Total/NA	Solid	5035	
880-63838-23	BH-2 (14-15')	Total/NA	Solid	5035	
880-63838-24	BH-2 (16-17')	Total/NA	Solid	5035	
880-63838-25	BH-2 (18-19')	Total/NA	Solid	5035	
880-63838-26	BH-2 (20')	Total/NA	Solid	5035	
880-63838-27	BH-2 (25')	Total/NA	Solid	5035	
880-63838-28	BH-2 (30')	Total/NA	Solid	5035	
880-63838-29	BH-2 (35')	Total/NA	Solid	5035	
880-63838-30	BH-2 (40')	Total/NA	Solid	5035	
880-63838-31	BH-3 (0-1')	Total/NA	Solid	5035	
880-63838-32	BH-3 (2-3')	Total/NA	Solid	5035	
880-63838-33	BH-3 (4-5')	Total/NA	Solid	5035	
880-63838-34	BH-3 (6-7')	Total/NA	Solid	5035	
880-63838-35	BH-3 (8-9')	Total/NA	Solid	5035	
880-63838-36	BH-3 (10-11')	Total/NA	Solid	5035	
880-63838-37	BH-3 (12-13')	Total/NA	Solid	5035	
880-63838-38	BH-3 (14-15')	Total/NA	Solid	5035	
880-63838-39	BH-3 (16-17')	Total/NA	Solid	5035	
880-63838-40	BH-3 (18-19')	Total/NA	Solid	5035	
MB 880-121223/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-121223/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121223/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-63838-21 MS	BH-2 (10-11')	Total/NA	Solid	5035	
880-63838-21 MSD	BH-2 (10-11')	Total/NA	Solid	5035	

##### Analysis Batch: 121356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-1	BH-1 (0-1')	Total/NA	Solid	Total BTEX	
880-63838-2	BH-1 (2-3')	Total/NA	Solid	Total BTEX	
880-63838-3	BH-1 (4-5')	Total/NA	Solid	Total BTEX	
880-63838-4	BH-1 (6-7')	Total/NA	Solid	Total BTEX	
880-63838-5	BH-1 (8-9')	Total/NA	Solid	Total BTEX	
880-63838-6	BH-1 (10-11')	Total/NA	Solid	Total BTEX	
880-63838-7	BH-1 (12-13')	Total/NA	Solid	Total BTEX	
880-63838-8	BH-1 (14-15')	Total/NA	Solid	Total BTEX	
880-63838-9	BH-1 (16-17')	Total/NA	Solid	Total BTEX	
880-63838-10	BH-1 (18-19')	Total/NA	Solid	Total BTEX	
880-63838-11	BH-1 (20')	Total/NA	Solid	Total BTEX	
880-63838-12	BH-1 (25')	Total/NA	Solid	Total BTEX	
880-63838-13	BH-1 (30')	Total/NA	Solid	Total BTEX	
880-63838-14	BH-1 (35')	Total/NA	Solid	Total BTEX	
880-63838-15	BH-1 (40')	Total/NA	Solid	Total BTEX	
880-63838-16	BH-2 (0-1')	Total/NA	Solid	Total BTEX	
880-63838-17	BH-2 (2-3')	Total/NA	Solid	Total BTEX	
880-63838-18	BH-2 (4-5')	Total/NA	Solid	Total BTEX	
880-63838-19	BH-2 (6-7')	Total/NA	Solid	Total BTEX	

Eurofins Midland

## QC Association Summary

Client: Carmona Resources  
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
SDG: Eddy County New Mexico

## GC VOA (Continued)

## Analysis Batch: 121356 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-20	BH-2 (8-9')	Total/NA	Solid	Total BTEX	
880-63838-21	BH-2 (10-11')	Total/NA	Solid	Total BTEX	
880-63838-22	BH-2 (12-13')	Total/NA	Solid	Total BTEX	
880-63838-23	BH-2 (14-15')	Total/NA	Solid	Total BTEX	
880-63838-24	BH-2 (16-17')	Total/NA	Solid	Total BTEX	
880-63838-25	BH-2 (18-19')	Total/NA	Solid	Total BTEX	
880-63838-26	BH-2 (20')	Total/NA	Solid	Total BTEX	
880-63838-27	BH-2 (25')	Total/NA	Solid	Total BTEX	
880-63838-28	BH-2 (30')	Total/NA	Solid	Total BTEX	
880-63838-29	BH-2 (35')	Total/NA	Solid	Total BTEX	
880-63838-30	BH-2 (40')	Total/NA	Solid	Total BTEX	
880-63838-31	BH-3 (0-1')	Total/NA	Solid	Total BTEX	
880-63838-32	BH-3 (2-3')	Total/NA	Solid	Total BTEX	
880-63838-33	BH-3 (4-5')	Total/NA	Solid	Total BTEX	
880-63838-34	BH-3 (6-7')	Total/NA	Solid	Total BTEX	
880-63838-35	BH-3 (8-9')	Total/NA	Solid	Total BTEX	
880-63838-36	BH-3 (10-11')	Total/NA	Solid	Total BTEX	
880-63838-37	BH-3 (12-13')	Total/NA	Solid	Total BTEX	
880-63838-38	BH-3 (14-15')	Total/NA	Solid	Total BTEX	
880-63838-39	BH-3 (16-17')	Total/NA	Solid	Total BTEX	
880-63838-40	BH-3 (18-19')	Total/NA	Solid	Total BTEX	
880-63838-41	BH-3 (20')	Total/NA	Solid	Total BTEX	
880-63838-42	BH-3 (25')	Total/NA	Solid	Total BTEX	
880-63838-43	BH-3 (30')	Total/NA	Solid	Total BTEX	

## GC Semi VOA

## Prep Batch: 121193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-1	BH-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-63838-2	BH-1 (2-3')	Total/NA	Solid	8015NM Prep	
880-63838-3	BH-1 (4-5')	Total/NA	Solid	8015NM Prep	
880-63838-4	BH-1 (6-7')	Total/NA	Solid	8015NM Prep	
880-63838-5	BH-1 (8-9')	Total/NA	Solid	8015NM Prep	
880-63838-6	BH-1 (10-11')	Total/NA	Solid	8015NM Prep	
880-63838-7	BH-1 (12-13')	Total/NA	Solid	8015NM Prep	
880-63838-8	BH-1 (14-15')	Total/NA	Solid	8015NM Prep	
880-63838-9	BH-1 (16-17')	Total/NA	Solid	8015NM Prep	
880-63838-10	BH-1 (18-19')	Total/NA	Solid	8015NM Prep	
880-63838-11	BH-1 (20')	Total/NA	Solid	8015NM Prep	
880-63838-12	BH-1 (25')	Total/NA	Solid	8015NM Prep	
880-63838-13	BH-1 (30')	Total/NA	Solid	8015NM Prep	
880-63838-14	BH-1 (35')	Total/NA	Solid	8015NM Prep	
880-63838-15	BH-1 (40')	Total/NA	Solid	8015NM Prep	
880-63838-16	BH-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-63838-17	BH-2 (2-3')	Total/NA	Solid	8015NM Prep	
880-63838-18	BH-2 (4-5')	Total/NA	Solid	8015NM Prep	
880-63838-19	BH-2 (6-7')	Total/NA	Solid	8015NM Prep	
880-63838-20	BH-2 (8-9')	Total/NA	Solid	8015NM Prep	
MB 880-121193/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121193/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

Eurofins Midland

### QC Association Summary

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

#### GC Semi VOA (Continued)

##### Prep Batch: 121193 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-121193/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-63838-1 MS	BH-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-63838-1 MSD	BH-1 (0-1')	Total/NA	Solid	8015NM Prep	

##### Prep Batch: 121194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-21	BH-2 (10-11')	Total/NA	Solid	8015NM Prep	
880-63838-22	BH-2 (12-13')	Total/NA	Solid	8015NM Prep	
880-63838-23	BH-2 (14-15')	Total/NA	Solid	8015NM Prep	
880-63838-24	BH-2 (16-17')	Total/NA	Solid	8015NM Prep	
880-63838-25	BH-2 (18-19')	Total/NA	Solid	8015NM Prep	
880-63838-26	BH-2 (20')	Total/NA	Solid	8015NM Prep	
880-63838-27	BH-2 (25')	Total/NA	Solid	8015NM Prep	
880-63838-28	BH-2 (30')	Total/NA	Solid	8015NM Prep	
880-63838-29	BH-2 (35')	Total/NA	Solid	8015NM Prep	
880-63838-30	BH-2 (40')	Total/NA	Solid	8015NM Prep	
880-63838-31	BH-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-63838-32	BH-3 (2-3')	Total/NA	Solid	8015NM Prep	
880-63838-33	BH-3 (4-5')	Total/NA	Solid	8015NM Prep	
880-63838-34	BH-3 (6-7')	Total/NA	Solid	8015NM Prep	
880-63838-35	BH-3 (8-9')	Total/NA	Solid	8015NM Prep	
880-63838-36	BH-3 (10-11')	Total/NA	Solid	8015NM Prep	
880-63838-37	BH-3 (12-13')	Total/NA	Solid	8015NM Prep	
880-63838-38	BH-3 (14-15')	Total/NA	Solid	8015NM Prep	
880-63838-39	BH-3 (16-17')	Total/NA	Solid	8015NM Prep	
880-63838-40	BH-3 (18-19')	Total/NA	Solid	8015NM Prep	
MB 880-121194/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121194/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-121194/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-63838-21 MS	BH-2 (10-11')	Total/NA	Solid	8015NM Prep	
880-63838-21 MSD	BH-2 (10-11')	Total/NA	Solid	8015NM Prep	

##### Prep Batch: 121197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-41	BH-3 (20')	Total/NA	Solid	8015NM Prep	
880-63838-42	BH-3 (25')	Total/NA	Solid	8015NM Prep	
880-63838-43	BH-3 (30')	Total/NA	Solid	8015NM Prep	
MB 880-121197/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121197/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-121197/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-63838-41 MS	BH-3 (20')	Total/NA	Solid	8015NM Prep	
880-63838-41 MSD	BH-3 (20')	Total/NA	Solid	8015NM Prep	

##### Analysis Batch: 121234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-1	BH-1 (0-1')	Total/NA	Solid	8015B NM	121193
880-63838-2	BH-1 (2-3')	Total/NA	Solid	8015B NM	121193
880-63838-3	BH-1 (4-5')	Total/NA	Solid	8015B NM	121193
880-63838-4	BH-1 (6-7')	Total/NA	Solid	8015B NM	121193
880-63838-5	BH-1 (8-9')	Total/NA	Solid	8015B NM	121193
880-63838-6	BH-1 (10-11')	Total/NA	Solid	8015B NM	121193

Eurofins Midland

### QC Association Summary

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

#### GC Semi VOA (Continued)

##### Analysis Batch: 121234 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-7	BH-1 (12-13')	Total/NA	Solid	8015B NM	121193
880-63838-8	BH-1 (14-15')	Total/NA	Solid	8015B NM	121193
880-63838-9	BH-1 (16-17')	Total/NA	Solid	8015B NM	121193
880-63838-10	BH-1 (18-19')	Total/NA	Solid	8015B NM	121193
880-63838-11	BH-1 (20')	Total/NA	Solid	8015B NM	121193
880-63838-12	BH-1 (25')	Total/NA	Solid	8015B NM	121193
880-63838-13	BH-1 (30')	Total/NA	Solid	8015B NM	121193
880-63838-14	BH-1 (35')	Total/NA	Solid	8015B NM	121193
880-63838-15	BH-1 (40')	Total/NA	Solid	8015B NM	121193
880-63838-16	BH-2 (0-1')	Total/NA	Solid	8015B NM	121193
880-63838-17	BH-2 (2-3')	Total/NA	Solid	8015B NM	121193
880-63838-18	BH-2 (4-5')	Total/NA	Solid	8015B NM	121193
880-63838-19	BH-2 (6-7')	Total/NA	Solid	8015B NM	121193
880-63838-20	BH-2 (8-9')	Total/NA	Solid	8015B NM	121193
MB 880-121193/1-A	Method Blank	Total/NA	Solid	8015B NM	121193
LCS 880-121193/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121193
LCSD 880-121193/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121193
880-63838-1 MS	BH-1 (0-1')	Total/NA	Solid	8015B NM	121193
880-63838-1 MSD	BH-1 (0-1')	Total/NA	Solid	8015B NM	121193

##### Analysis Batch: 121271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-21	BH-2 (10-11')	Total/NA	Solid	8015B NM	121194
880-63838-22	BH-2 (12-13')	Total/NA	Solid	8015B NM	121194
880-63838-23	BH-2 (14-15')	Total/NA	Solid	8015B NM	121194
880-63838-24	BH-2 (16-17')	Total/NA	Solid	8015B NM	121194
880-63838-25	BH-2 (18-19')	Total/NA	Solid	8015B NM	121194
880-63838-26	BH-2 (20')	Total/NA	Solid	8015B NM	121194
880-63838-27	BH-2 (25')	Total/NA	Solid	8015B NM	121194
880-63838-28	BH-2 (30')	Total/NA	Solid	8015B NM	121194
880-63838-29	BH-2 (35')	Total/NA	Solid	8015B NM	121194
880-63838-30	BH-2 (40')	Total/NA	Solid	8015B NM	121194
880-63838-31	BH-3 (0-1')	Total/NA	Solid	8015B NM	121194
880-63838-32	BH-3 (2-3')	Total/NA	Solid	8015B NM	121194
880-63838-33	BH-3 (4-5')	Total/NA	Solid	8015B NM	121194
880-63838-34	BH-3 (6-7')	Total/NA	Solid	8015B NM	121194
880-63838-35	BH-3 (8-9')	Total/NA	Solid	8015B NM	121194
880-63838-36	BH-3 (10-11')	Total/NA	Solid	8015B NM	121194
880-63838-37	BH-3 (12-13')	Total/NA	Solid	8015B NM	121194
880-63838-38	BH-3 (14-15')	Total/NA	Solid	8015B NM	121194
880-63838-39	BH-3 (16-17')	Total/NA	Solid	8015B NM	121194
880-63838-40	BH-3 (18-19')	Total/NA	Solid	8015B NM	121194
MB 880-121194/1-A	Method Blank	Total/NA	Solid	8015B NM	121194
LCS 880-121194/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121194
LCSD 880-121194/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121194
880-63838-21 MS	BH-2 (10-11')	Total/NA	Solid	8015B NM	121194
880-63838-21 MSD	BH-2 (10-11')	Total/NA	Solid	8015B NM	121194

##### Analysis Batch: 121349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-41	BH-3 (20')	Total/NA	Solid	8015B NM	121197

Eurofins Midland

### QC Association Summary

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

#### GC Semi VOA (Continued)

##### Analysis Batch: 121349 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-42	BH-3 (25')	Total/NA	Solid	8015B NM	121197
880-63838-43	BH-3 (30')	Total/NA	Solid	8015B NM	121197
MB 880-121197/1-A	Method Blank	Total/NA	Solid	8015B NM	121197
LCS 880-121197/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121197
LCSD 880-121197/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121197
880-63838-41 MS	BH-3 (20')	Total/NA	Solid	8015B NM	121197
880-63838-41 MSD	BH-3 (20')	Total/NA	Solid	8015B NM	121197

##### Analysis Batch: 121389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-1	BH-1 (0-1')	Total/NA	Solid	8015 NM	
880-63838-2	BH-1 (2-3')	Total/NA	Solid	8015 NM	
880-63838-3	BH-1 (4-5')	Total/NA	Solid	8015 NM	
880-63838-4	BH-1 (6-7')	Total/NA	Solid	8015 NM	
880-63838-5	BH-1 (8-9')	Total/NA	Solid	8015 NM	
880-63838-6	BH-1 (10-11')	Total/NA	Solid	8015 NM	
880-63838-7	BH-1 (12-13')	Total/NA	Solid	8015 NM	
880-63838-8	BH-1 (14-15')	Total/NA	Solid	8015 NM	
880-63838-9	BH-1 (16-17')	Total/NA	Solid	8015 NM	
880-63838-10	BH-1 (18-19')	Total/NA	Solid	8015 NM	
880-63838-11	BH-1 (20')	Total/NA	Solid	8015 NM	
880-63838-12	BH-1 (25')	Total/NA	Solid	8015 NM	
880-63838-13	BH-1 (30')	Total/NA	Solid	8015 NM	
880-63838-14	BH-1 (35')	Total/NA	Solid	8015 NM	
880-63838-15	BH-1 (40')	Total/NA	Solid	8015 NM	
880-63838-16	BH-2 (0-1')	Total/NA	Solid	8015 NM	
880-63838-17	BH-2 (2-3')	Total/NA	Solid	8015 NM	
880-63838-18	BH-2 (4-5')	Total/NA	Solid	8015 NM	
880-63838-19	BH-2 (6-7')	Total/NA	Solid	8015 NM	
880-63838-20	BH-2 (8-9')	Total/NA	Solid	8015 NM	
880-63838-21	BH-2 (10-11')	Total/NA	Solid	8015 NM	
880-63838-22	BH-2 (12-13')	Total/NA	Solid	8015 NM	
880-63838-23	BH-2 (14-15')	Total/NA	Solid	8015 NM	
880-63838-24	BH-2 (16-17')	Total/NA	Solid	8015 NM	
880-63838-25	BH-2 (18-19')	Total/NA	Solid	8015 NM	
880-63838-26	BH-2 (20')	Total/NA	Solid	8015 NM	
880-63838-27	BH-2 (25')	Total/NA	Solid	8015 NM	
880-63838-28	BH-2 (30')	Total/NA	Solid	8015 NM	
880-63838-29	BH-2 (35')	Total/NA	Solid	8015 NM	
880-63838-30	BH-2 (40')	Total/NA	Solid	8015 NM	
880-63838-31	BH-3 (0-1')	Total/NA	Solid	8015 NM	
880-63838-32	BH-3 (2-3')	Total/NA	Solid	8015 NM	
880-63838-33	BH-3 (4-5')	Total/NA	Solid	8015 NM	
880-63838-34	BH-3 (6-7')	Total/NA	Solid	8015 NM	
880-63838-35	BH-3 (8-9')	Total/NA	Solid	8015 NM	
880-63838-36	BH-3 (10-11')	Total/NA	Solid	8015 NM	
880-63838-37	BH-3 (12-13')	Total/NA	Solid	8015 NM	
880-63838-38	BH-3 (14-15')	Total/NA	Solid	8015 NM	
880-63838-39	BH-3 (16-17')	Total/NA	Solid	8015 NM	
880-63838-40	BH-3 (18-19')	Total/NA	Solid	8015 NM	
880-63838-41	BH-3 (20')	Total/NA	Solid	8015 NM	

Eurofins Midland

## QC Association Summary

Client: Carmona Resources  
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
SDG: Eddy County New Mexico

## GC Semi VOA (Continued)

## Analysis Batch: 121389 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-42	BH-3 (25')	Total/NA	Solid	8015 NM	
880-63838-43	BH-3 (30')	Total/NA	Solid	8015 NM	

## HPLC/IC

## Leach Batch: 121201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-1	BH-1 (0-1')	Soluble	Solid	DI Leach	
880-63838-2	BH-1 (2-3')	Soluble	Solid	DI Leach	
880-63838-3	BH-1 (4-5')	Soluble	Solid	DI Leach	
880-63838-4	BH-1 (6-7')	Soluble	Solid	DI Leach	
880-63838-5	BH-1 (8-9')	Soluble	Solid	DI Leach	
880-63838-6	BH-1 (10-11')	Soluble	Solid	DI Leach	
880-63838-7	BH-1 (12-13')	Soluble	Solid	DI Leach	
880-63838-8	BH-1 (14-15')	Soluble	Solid	DI Leach	
880-63838-9	BH-1 (16-17')	Soluble	Solid	DI Leach	
880-63838-10	BH-1 (18-19')	Soluble	Solid	DI Leach	
880-63838-11	BH-1 (20')	Soluble	Solid	DI Leach	
880-63838-12	BH-1 (25')	Soluble	Solid	DI Leach	
880-63838-13	BH-1 (30')	Soluble	Solid	DI Leach	
880-63838-14	BH-1 (35')	Soluble	Solid	DI Leach	
880-63838-15	BH-1 (40')	Soluble	Solid	DI Leach	
880-63838-16	BH-2 (0-1')	Soluble	Solid	DI Leach	
880-63838-17	BH-2 (2-3')	Soluble	Solid	DI Leach	
880-63838-18	BH-2 (4-5')	Soluble	Solid	DI Leach	
880-63838-19	BH-2 (6-7')	Soluble	Solid	DI Leach	
880-63838-20	BH-2 (8-9')	Soluble	Solid	DI Leach	
MB 880-121201/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-121201/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCS 880-121201/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-63838-1 MS	BH-1 (0-1')	Soluble	Solid	DI Leach	
880-63838-1 MSD	BH-1 (0-1')	Soluble	Solid	DI Leach	
880-63838-11 MS	BH-1 (20')	Soluble	Solid	DI Leach	
880-63838-11 MSD	BH-1 (20')	Soluble	Solid	DI Leach	

## Leach Batch: 121202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-21	BH-2 (10-11')	Soluble	Solid	DI Leach	
880-63838-22	BH-2 (12-13')	Soluble	Solid	DI Leach	
880-63838-23	BH-2 (14-15')	Soluble	Solid	DI Leach	
880-63838-24	BH-2 (16-17')	Soluble	Solid	DI Leach	
880-63838-25	BH-2 (18-19')	Soluble	Solid	DI Leach	
880-63838-26	BH-2 (20')	Soluble	Solid	DI Leach	
880-63838-27	BH-2 (25')	Soluble	Solid	DI Leach	
880-63838-28	BH-2 (30')	Soluble	Solid	DI Leach	
880-63838-29	BH-2 (35')	Soluble	Solid	DI Leach	
880-63838-30	BH-2 (40')	Soluble	Solid	DI Leach	
880-63838-31	BH-3 (0-1')	Soluble	Solid	DI Leach	
880-63838-32	BH-3 (2-3')	Soluble	Solid	DI Leach	
880-63838-33	BH-3 (4-5')	Soluble	Solid	DI Leach	
880-63838-34	BH-3 (6-7')	Soluble	Solid	DI Leach	

Eurofins Midland

## QC Association Summary

Client: Carmona Resources  
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
SDG: Eddy County New Mexico

## HPLC/IC (Continued)

## Leach Batch: 121202 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-35	BH-3 (8-9')	Soluble	Solid	DI Leach	
880-63838-36	BH-3 (10-11')	Soluble	Solid	DI Leach	
880-63838-37	BH-3 (12-13')	Soluble	Solid	DI Leach	
880-63838-38	BH-3 (14-15')	Soluble	Solid	DI Leach	
880-63838-39	BH-3 (16-17')	Soluble	Solid	DI Leach	
880-63838-40	BH-3 (18-19')	Soluble	Solid	DI Leach	
MB 880-121202/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-121202/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-121202/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-63838-21 MS	BH-2 (10-11')	Soluble	Solid	DI Leach	
880-63838-21 MSD	BH-2 (10-11')	Soluble	Solid	DI Leach	
880-63838-31 MS	BH-3 (0-1')	Soluble	Solid	DI Leach	
880-63838-31 MSD	BH-3 (0-1')	Soluble	Solid	DI Leach	

## Leach Batch: 121206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-41	BH-3 (20')	Soluble	Solid	DI Leach	
880-63838-42	BH-3 (25')	Soluble	Solid	DI Leach	
880-63838-43	BH-3 (30')	Soluble	Solid	DI Leach	
MB 880-121206/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-121206/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-121206/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-63838-41 MS	BH-3 (20')	Soluble	Solid	DI Leach	
880-63838-41 MSD	BH-3 (20')	Soluble	Solid	DI Leach	

## Analysis Batch: 121211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-41	BH-3 (20')	Soluble	Solid	300.0	121206
880-63838-42	BH-3 (25')	Soluble	Solid	300.0	121206
880-63838-43	BH-3 (30')	Soluble	Solid	300.0	121206
MB 880-121206/1-A	Method Blank	Soluble	Solid	300.0	121206
LCS 880-121206/2-A	Lab Control Sample	Soluble	Solid	300.0	121206
LCSD 880-121206/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	121206
880-63838-41 MS	BH-3 (20')	Soluble	Solid	300.0	121206
880-63838-41 MSD	BH-3 (20')	Soluble	Solid	300.0	121206

## Analysis Batch: 121216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-1	BH-1 (0-1')	Soluble	Solid	300.0	121201
880-63838-2	BH-1 (2-3')	Soluble	Solid	300.0	121201
880-63838-3	BH-1 (4-5')	Soluble	Solid	300.0	121201
880-63838-4	BH-1 (6-7')	Soluble	Solid	300.0	121201
880-63838-5	BH-1 (8-9')	Soluble	Solid	300.0	121201
880-63838-6	BH-1 (10-11')	Soluble	Solid	300.0	121201
880-63838-7	BH-1 (12-13')	Soluble	Solid	300.0	121201
880-63838-8	BH-1 (14-15')	Soluble	Solid	300.0	121201
880-63838-9	BH-1 (16-17')	Soluble	Solid	300.0	121201
880-63838-10	BH-1 (18-19')	Soluble	Solid	300.0	121201
880-63838-11	BH-1 (20')	Soluble	Solid	300.0	121201
880-63838-12	BH-1 (25')	Soluble	Solid	300.0	121201
880-63838-13	BH-1 (30')	Soluble	Solid	300.0	121201

Eurofins Midland

## QC Association Summary

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

## HPLC/IC (Continued)

## Analysis Batch: 121216 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-14	BH-1 (35')	Soluble	Solid	300.0	121201
880-63838-15	BH-1 (40')	Soluble	Solid	300.0	121201
880-63838-16	BH-2 (0-1')	Soluble	Solid	300.0	121201
880-63838-17	BH-2 (2-3')	Soluble	Solid	300.0	121201
880-63838-18	BH-2 (4-5')	Soluble	Solid	300.0	121201
880-63838-19	BH-2 (6-7')	Soluble	Solid	300.0	121201
880-63838-20	BH-2 (8-9')	Soluble	Solid	300.0	121201
MB 880-121201/1-A	Method Blank	Soluble	Solid	300.0	121201
LCS 880-121201/2-A	Lab Control Sample	Soluble	Solid	300.0	121201
LCSD 880-121201/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	121201
880-63838-1 MS	BH-1 (0-1')	Soluble	Solid	300.0	121201
880-63838-1 MSD	BH-1 (0-1')	Soluble	Solid	300.0	121201
880-63838-11 MS	BH-1 (20')	Soluble	Solid	300.0	121201
880-63838-11 MSD	BH-1 (20')	Soluble	Solid	300.0	121201

## Analysis Batch: 121222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-21	BH-2 (10-11')	Soluble	Solid	300.0	121202
880-63838-22	BH-2 (12-13')	Soluble	Solid	300.0	121202
880-63838-23	BH-2 (14-15')	Soluble	Solid	300.0	121202
880-63838-24	BH-2 (16-17')	Soluble	Solid	300.0	121202
880-63838-25	BH-2 (18-19')	Soluble	Solid	300.0	121202
880-63838-26	BH-2 (20')	Soluble	Solid	300.0	121202
880-63838-27	BH-2 (25')	Soluble	Solid	300.0	121202
880-63838-28	BH-2 (30')	Soluble	Solid	300.0	121202
880-63838-29	BH-2 (35')	Soluble	Solid	300.0	121202
880-63838-30	BH-2 (40')	Soluble	Solid	300.0	121202
880-63838-31	BH-3 (0-1')	Soluble	Solid	300.0	121202
880-63838-32	BH-3 (2-3')	Soluble	Solid	300.0	121202
880-63838-33	BH-3 (4-5')	Soluble	Solid	300.0	121202
880-63838-34	BH-3 (6-7')	Soluble	Solid	300.0	121202
880-63838-35	BH-3 (8-9')	Soluble	Solid	300.0	121202
880-63838-36	BH-3 (10-11')	Soluble	Solid	300.0	121202
880-63838-37	BH-3 (12-13')	Soluble	Solid	300.0	121202
880-63838-38	BH-3 (14-15')	Soluble	Solid	300.0	121202
880-63838-39	BH-3 (16-17')	Soluble	Solid	300.0	121202
880-63838-40	BH-3 (18-19')	Soluble	Solid	300.0	121202
MB 880-121202/1-A	Method Blank	Soluble	Solid	300.0	121202
LCS 880-121202/2-A	Lab Control Sample	Soluble	Solid	300.0	121202
LCSD 880-121202/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	121202
880-63838-21 MS	BH-2 (10-11')	Soluble	Solid	300.0	121202
880-63838-21 MSD	BH-2 (10-11')	Soluble	Solid	300.0	121202
880-63838-31 MS	BH-3 (0-1')	Soluble	Solid	300.0	121202
880-63838-31 MSD	BH-3 (0-1')	Soluble	Solid	300.0	121202

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-1 (0-1')**

**Lab Sample ID: 880-63838-1**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 12:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 12:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 01:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 01:37	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		1			121216	10/15/25 11:45	CS	EET MID

**Client Sample ID: BH-1 (2-3')**

**Lab Sample ID: 880-63838-2**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 12:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 12:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 02:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 02:20	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		20			121216	10/15/25 12:01	CS	EET MID

**Client Sample ID: BH-1 (4-5')**

**Lab Sample ID: 880-63838-3**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 12:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 12:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 02:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 02:35	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		20			121216	10/15/25 12:06	CS	EET MID

**Client Sample ID: BH-1 (6-7')**

**Lab Sample ID: 880-63838-4**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 13:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 13:10	SA	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-1 (6-7')**

**Lab Sample ID: 880-63838-4**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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			121389	10/16/25 02:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 02:48	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		20			121216	10/15/25 12:11	CS	EET MID

**Client Sample ID: BH-1 (8-9')**

**Lab Sample ID: 880-63838-5**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 13:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 13:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 03:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 03:03	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		1			121216	10/15/25 12:16	CS	EET MID

**Client Sample ID: BH-1 (10-11')**

**Lab Sample ID: 880-63838-6**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 13:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 13:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 03:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 03:17	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		20			121216	10/15/25 12:32	CS	EET MID

**Client Sample ID: BH-1 (12-13')**

**Lab Sample ID: 880-63838-7**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 14:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 14:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 03:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 03:31	FC	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-1 (12-13')**

**Lab Sample ID: 880-63838-7**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		20			121216	10/15/25 13:47	CS	EET MID

**Client Sample ID: BH-1 (14-15')**

**Lab Sample ID: 880-63838-8**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 14:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 14:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 03:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 03:45	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		20			121216	10/15/25 13:52	CS	EET MID

**Client Sample ID: BH-1 (16-17')**

**Lab Sample ID: 880-63838-9**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 14:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 14:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 03:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 03:59	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		20			121216	10/15/25 13:57	CS	EET MID

**Client Sample ID: BH-1 (18-19')**

**Lab Sample ID: 880-63838-10**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 15:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 15:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 04:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 04:13	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		20			121216	10/15/25 14:02	CS	EET MID

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-1 (20')**

**Lab Sample ID: 880-63838-11**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 16:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 16:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 04:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 04:42	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		20			121216	10/15/25 14:08	CS	EET MID

**Client Sample ID: BH-1 (25')**

**Lab Sample ID: 880-63838-12**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 17:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 17:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 04:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 04:56	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		5			121216	10/15/25 14:23	CS	EET MID

**Client Sample ID: BH-1 (30')**

**Lab Sample ID: 880-63838-13**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 17:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 17:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 05:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 05:10	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		10			121216	10/15/25 14:29	CS	EET MID

**Client Sample ID: BH-1 (35')**

**Lab Sample ID: 880-63838-14**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 17:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 17:47	SA	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-1 (35')**

**Lab Sample ID: 880-63838-14**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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			121389	10/16/25 05:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 05:24	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		1			121216	10/15/25 14:44	CS	EET MID

**Client Sample ID: BH-1 (40')**

**Lab Sample ID: 880-63838-15**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 18:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 18:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 05:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 05:39	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		1			121216	10/15/25 14:50	CS	EET MID

**Client Sample ID: BH-2 (0-1')**

**Lab Sample ID: 880-63838-16**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 18:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 18:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 05:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 05:53	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		20			121216	10/15/25 14:55	CS	EET MID

**Client Sample ID: BH-2 (2-3')**

**Lab Sample ID: 880-63838-17**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 18:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 18:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 06:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 06:09	FC	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-2 (2-3')**

**Lab Sample ID: 880-63838-17**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		20			121216	10/15/25 15:00	CS	EET MID

**Client Sample ID: BH-2 (4-5')**

**Lab Sample ID: 880-63838-18**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 19:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 19:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 06:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 06:22	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		10			121216	10/15/25 15:05	CS	EET MID

**Client Sample ID: BH-2 (6-7')**

**Lab Sample ID: 880-63838-19**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 19:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 19:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 06:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 06:37	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		10			121216	10/15/25 15:10	CS	EET MID

**Client Sample ID: BH-2 (8-9')**

**Lab Sample ID: 880-63838-20**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 19:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 19:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 06:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 06:51	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		5			121216	10/15/25 15:16	CS	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-2 (10-11')**

**Lab Sample ID: 880-63838-21**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 12:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 12:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/15/25 20:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/15/25 20:48	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		5			121222	10/15/25 20:52	CS	EET MID

**Client Sample ID: BH-2 (12-13')**

**Lab Sample ID: 880-63838-22**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 12:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 12:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/15/25 21:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/15/25 21:33	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		5			121222	10/15/25 21:10	CS	EET MID

**Client Sample ID: BH-2 (14-15')**

**Lab Sample ID: 880-63838-23**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 12:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 12:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/15/25 21:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/15/25 21:49	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		5			121222	10/15/25 21:16	CS	EET MID

**Client Sample ID: BH-2 (16-17')**

**Lab Sample ID: 880-63838-24**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 13:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 13:10	SA	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-2 (16-17')**

**Lab Sample ID: 880-63838-24**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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			121389	10/15/25 22:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/15/25 22:04	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		5			121222	10/15/25 21:22	CS	EET MID

**Client Sample ID: BH-2 (18-19')**

**Lab Sample ID: 880-63838-25**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 13:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 13:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/15/25 22:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/15/25 22:20	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/15/25 21:28	CS	EET MID

**Client Sample ID: BH-2 (20')**

**Lab Sample ID: 880-63838-26**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 13:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 13:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/15/25 22:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/15/25 22:34	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/15/25 21:45	CS	EET MID

**Client Sample ID: BH-2 (25')**

**Lab Sample ID: 880-63838-27**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 14:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 14:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/15/25 22:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/15/25 22:50	FC	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-2 (25')**

**Lab Sample ID: 880-63838-27**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/15/25 21:51	CS	EET MID

**Client Sample ID: BH-2 (30')**

**Lab Sample ID: 880-63838-28**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 14:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 14:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/15/25 23:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/15/25 23:04	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/16/25 08:06	CS	EET MID

**Client Sample ID: BH-2 (35')**

**Lab Sample ID: 880-63838-29**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 14:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 14:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/15/25 23:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/15/25 23:20	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/16/25 08:12	CS	EET MID

**Client Sample ID: BH-2 (40')**

**Lab Sample ID: 880-63838-30**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 15:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 15:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/15/25 23:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/15/25 23:34	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/16/25 08:18	CS	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-3 (0-1')**

**Lab Sample ID: 880-63838-31**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 17:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 17:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 00:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/16/25 00:04	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/15/25 22:02	CS	EET MID

**Client Sample ID: BH-3 (2-3')**

**Lab Sample ID: 880-63838-32**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 17:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 17:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 00:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/16/25 00:19	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/15/25 22:20	CS	EET MID

**Client Sample ID: BH-3 (4-5')**

**Lab Sample ID: 880-63838-33**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 17:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 17:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 00:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/16/25 00:35	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/15/25 22:26	CS	EET MID

**Client Sample ID: BH-3 (6-7')**

**Lab Sample ID: 880-63838-34**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 18:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 18:08	SA	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-3 (6-7')**

**Lab Sample ID: 880-63838-34**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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			121389	10/16/25 00:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/16/25 00:49	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		5			121222	10/16/25 08:39	CS	EET MID

**Client Sample ID: BH-3 (8-9')**

**Lab Sample ID: 880-63838-35**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 18:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 18:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 01:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/16/25 01:06	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		5			121222	10/16/25 08:51	CS	EET MID

**Client Sample ID: BH-3 (10-11')**

**Lab Sample ID: 880-63838-36**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 18:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 18:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 01:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/16/25 01:20	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/15/25 22:55	CS	EET MID

**Client Sample ID: BH-3 (12-13')**

**Lab Sample ID: 880-63838-37**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 19:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 19:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 01:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/16/25 01:36	FC	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-3 (12-13')**

**Lab Sample ID: 880-63838-37**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/16/25 08:33	CS	EET MID

**Client Sample ID: BH-3 (14-15')**

**Lab Sample ID: 880-63838-38**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 19:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 19:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 01:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/16/25 01:51	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/15/25 23:03	CS	EET MID

**Client Sample ID: BH-3 (16-17')**

**Lab Sample ID: 880-63838-39**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 19:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 19:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 02:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/16/25 02:06	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/15/25 23:09	CS	EET MID

**Client Sample ID: BH-3 (18-19')**

**Lab Sample ID: 880-63838-40**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 20:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 20:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 02:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/16/25 02:21	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/15/25 23:15	CS	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

**Client Sample ID: BH-3 (20')**

**Lab Sample ID: 880-63838-41**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121220	10/15/25 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121213	10/15/25 18:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 18:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 10:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121197	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121349	10/16/25 10:42	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121206	10/15/25 07:49	SA	EET MID
Soluble	Analysis	300.0		1			121211	10/15/25 09:49	CS	EET MID

**Client Sample ID: BH-3 (25')**

**Lab Sample ID: 880-63838-42**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121220	10/15/25 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121213	10/15/25 18:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 18:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 11:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121197	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121349	10/16/25 11:26	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121206	10/15/25 07:49	SA	EET MID
Soluble	Analysis	300.0		1			121211	10/15/25 10:05	CS	EET MID

**Client Sample ID: BH-3 (30')**

**Lab Sample ID: 880-63838-43**

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121220	10/15/25 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121213	10/15/25 19:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 19:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 11:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121197	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121349	10/16/25 11:42	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121206	10/15/25 07:49	SA	EET MID
Soluble	Analysis	300.0		1			121211	10/15/25 10:10	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: Graham Cracker 2-1

Job ID: 880-63838-1  
SDG: Eddy County New Mexico

#### Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

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
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

### Method Summary

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

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

**Protocol References:**

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

**Laboratory References:**

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



### Sample Summary

Client: Carmona Resources  
 Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1  
 SDG: Eddy County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-63838-1	BH-1 (0-1')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-2	BH-1 (2-3')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-3	BH-1 (4-5')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-4	BH-1 (6-7')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-5	BH-1 (8-9')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-6	BH-1 (10-11')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-7	BH-1 (12-13')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-8	BH-1 (14-15')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-9	BH-1 (16-17')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-10	BH-1 (18-19')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-11	BH-1 (20')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-12	BH-1 (25')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-13	BH-1 (30')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-14	BH-1 (35')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-15	BH-1 (40')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-16	BH-2 (0-1')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-17	BH-2 (2-3')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-18	BH-2 (4-5')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-19	BH-2 (6-7')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-20	BH-2 (8-9')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-21	BH-2 (10-11')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-22	BH-2 (12-13')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-23	BH-2 (14-15')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-24	BH-2 (16-17')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-25	BH-2 (18-19')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-26	BH-2 (20')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-27	BH-2 (25')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-28	BH-2 (30')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-29	BH-2 (35')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-30	BH-2 (40')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-31	BH-3 (0-1')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-32	BH-3 (2-3')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-33	BH-3 (4-5')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-34	BH-3 (6-7')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-35	BH-3 (8-9')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-36	BH-3 (10-11')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-37	BH-3 (12-13')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-38	BH-3 (14-15')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-39	BH-3 (16-17')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-40	BH-3 (18-19')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-41	BH-3 (20')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-42	BH-3 (25')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-43	BH-3 (30')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico

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

Chain of Custody

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

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

<b>Work Order Comments</b>	
Program: UST/PST <input type="checkbox"/> Prp <input type="checkbox"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> Pertund <input type="checkbox"/>	State of Project:
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name: Graham Cracker 2-1	<b>Turn Around</b>	<b>Pres. Code</b>	
Project Number: 2463	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		
Project Location: Eddy County, New Mexico	Due Date: 72 HR		
Sampler's Name: JM & JR			
PO #:			
<b>SAMPLE RECEIPT</b>	Temp Blank: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Wet Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Received Inact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Thermometer ID: 128		
Cooler Custody Seals: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Correction Factor: 0.1		
Sample Custody Seals: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Temperature Reading: -2.6		
Total Containers:	Corrected Temperature: -2.7		

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	
BH-1 (0-1')	10/7/2025		X		G	1	X	X	X	
BH-1 (2-3')	10/7/2025		X		G	1	X	X	X	
BH-1 (4-5')	10/7/2025		X		G	1	X	X	X	
BH-1 (6-7')	10/7/2025		X		G	1	X	X	X	
BH-1 (8-9')	10/7/2025		X		G	1	X	X	X	
BH-1 (10-11')	10/7/2025		X		G	1	X	X	X	
BH-1 (12-13')	10/7/2025		X		G	1	X	X	X	
BH-1 (14-15')	10/7/2025		X		G	1	X	X	X	
BH-1 (16-17')	10/7/2025		X		G	1	X	X	X	
BH-1 (18-19')	10/7/2025		X		G	1	X	X	X	

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

Relinquished by: (Signature)		Date/Time	
		10/14/25	1604
Received by: (Signature)			
		Date/Time	





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

Work Order No: \_\_\_\_\_

Page 3 of 5

Project Manager: <b>Conner Moehring</b>	Bill To: (if different) <b>Carmona Resources</b>
Company Name: <b>Carmona Resources</b>	Company Name: _____
Address: <b>310 W Wall St Ste 500</b>	Address: _____
City, State ZIP: <b>Midland, TX 79701</b>	City, State ZIP: _____
Phone: <b>432-813-6823</b>	Email: <b>mcarmona@carmonaresources.com</b>

<b>Work Order Comments</b>	
Program: <b>UST/PST</b> <input type="checkbox"/> <b>PRP</b> <input type="checkbox"/> <b>Ironfields</b> <input type="checkbox"/> <b>IRC</b> <input type="checkbox"/> <b>perfund</b> <input type="checkbox"/>	State of Project: _____
Reporting Level: <b>Level II</b> <input type="checkbox"/> <b>Level III</b> <input type="checkbox"/> <b>ST/UST</b> <input type="checkbox"/> <b>RRP</b> <input type="checkbox"/> <b>Level IV</b> <input type="checkbox"/>	Deliverables: <b>EDD</b> <input type="checkbox"/> <b>ADAPT</b> <input type="checkbox"/> <b>Other:</b> _____

Project Name: <b>Graham Cracker 2-1</b>	Turn Around	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush	Due Date: <b>72 HR</b>	Pres. Code
Project Number: <b>2463</b>	Project Location: <b>Eddy County, New Mexico</b>	Sampler's Name: <b>JM &amp; JR</b>			
PO #: _____	Temp Blank: <input type="checkbox"/> Yes <input type="checkbox"/> No	Thermometer ID: <input type="checkbox"/> Yes <input type="checkbox"/> No	Wet Ice: <input type="checkbox"/> Yes <input type="checkbox"/> No	Parameters	
Received In tact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Cooler Custody Seals: <input type="checkbox"/> Yes <input type="checkbox"/> No	Correction Factor: <input type="checkbox"/> Yes <input type="checkbox"/> No	Temperature Reading: _____	Total Containers: _____	
Sample Custody Seals: <input type="checkbox"/> Yes <input type="checkbox"/> No	Temperature Reading: _____	Corrected Temperature: _____			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST										Preservative Codes	Sample Comments							
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0																
BH-2 (10-11')	10/7/2025		X		G	1	X	X	X																
BH-2 (12-13')	10/7/2025		X		G	1	X	X	X																
BH-2 (14-15')	10/7/2025		X		G	1	X	X	X																
BH-2 (16-17')	10/7/2025		X		G	1	X	X	X																
BH-2 (18-19')	10/7/2025		X		G	1	X	X	X																
BH-2 (20')	10/7/2025		X		G	1	X	X	X																
BH-2 (25')	10/7/2025		X		G	1	X	X	X																
BH-2 (30')	10/7/2025		X		G	1	X	X	X																
BH-2 (35')	10/7/2025		X		G	1	X	X	X																
BH-2 (40')	10/7/2025		X		G	1	X	X	X																

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	10/14/25		

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

Work Order No: \_\_\_\_\_



Page 4 of 5

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

<b>Work Order Comments</b>	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RRC <input type="checkbox"/> perfund
State of Project:	
Reporting: Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Graham Cracker 2-1	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes						
		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date:	72 HR																	
Project Number:	2463															None: NO	DI Water: H <sub>2</sub> O						
Project Location:	Eddy County, New Mexico															Cool: Cool	MeOH: Me						
Sampler's Name:	JM & JR															HCL: HC	HNO <sub>3</sub> : HN						
PO #:																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na						
<b>SAMPLE RECEIPT</b>	Temp Blank:	Yes	No	Thermometer ID:	Yes	No	Wet Ice:	Yes	No													H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:	Yes	No	Correction Factor:	Yes	No	Temperature Reading:	Yes	No	N/A													NH <sub>4</sub> SO <sub>4</sub> : NABIS	
Cooler Custody Seals:	Yes	No	Temperature Reading:	Yes	No	Corrected Temperature:	Yes	No	N/A													Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NASO <sub>3</sub>	
Sample Custody Seals:	Yes	No	Temperature Reading:	Yes	No	Corrected Temperature:	Yes	No	N/A													Zn Acetate+NaOH: Zn	
Total Containers:																NaOH+Ascorbic Acid: SARC							
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments				
BH-3 (0-1')	10/7/2025		X		G	1	BTEX 8021B																
BH-3 (2-3')	10/7/2025		X		G	1	TPH 8015M (GRO + DRO + MRO)																
BH-3 (4-5')	10/7/2025		X		G	1	Chloride 300.0																
BH-3 (6-7')	10/7/2025		X		G	1																	
BH-3 (8-9')	10/7/2025		X		G	1																	
BH-3 (10-11')	10/7/2025		X		G	1																	
BH-3 (12-13')	10/7/2025		X		G	1																	
BH-3 (14-15')	10/7/2025		X		G	1																	
BH-3 (16-17')	10/7/2025		X		G	1																	
BH-3 (18-19')	10/7/2025		X		G	1																	

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

Relinquished by: (Signature)		Date/Time	10/14/25
Received by: (Signature)		Date/Time	

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

Work Order No: \_\_\_\_\_

Page 5 of 5

Project Manager: <b>Conner Moehring</b>	Bill to: (if different) <b>Carmona Resources</b>
Company Name: <b>Carmona Resources</b>	Company Name:
Address: <b>310 W Wall St Ste 500</b>	Address:
City, State ZIP: <b>Midland, TX 79701</b>	City, State ZIP:
Phone: <b>432-813-6823</b>	Email: <b>mcarmona@carmonaresources.com</b>

<b>Work Order Comments</b>	
Program: <b>UST/PST</b> <input type="checkbox"/> <b>PRP</b> <input type="checkbox"/> <b>ROWfields</b> <input type="checkbox"/> <b>JRC</b> <input type="checkbox"/> <b>PERTUND</b> <input type="checkbox"/>	State of Project:
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> <b>RRP</b> <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: <b>EDD</b> <input type="checkbox"/> <b>ADAPT</b> <input type="checkbox"/> Other:

Project Name:	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes						
	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date:																		
Graham Cracker 2-1																None: NO	DI Water: H <sub>2</sub> O					
Project Number: 2463																Cool: Cool	MeOH: Me					
Project Location: Eddy County, New Mexico																HCL: HC	HNO <sub>3</sub> : HN					
Sampler's Name: JM & JR																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na					
PO #:																H <sub>3</sub> PO <sub>4</sub> : HP						
<b>SAMPLE RECEIPT</b>	Temp Blank:	Yes No	Thermometer ID:													NaHSO <sub>4</sub> : NABIS						
Received Intact:	Yes No		Correction Factor:													Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NASO <sub>3</sub>						
Cooler Custody Seals:	Yes No N/A		Temperature Reading:													Zn Acetate+NaOH: Zn						
Sample Custody Seals:	Yes No N/A		Corrected Temperature:													NaOH+Ascorbic Acid: SARC						
Total Containers:																						
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
BH-3 (10-11)	10/7/2025		X		G	1	X	X	X													
BH-3 (12-13)	10/7/2025		X		G	1	X	X	X													
BH-3 (14-15)	10/7/2025		X		G	1	X	X	X													
BH-3 (16-17)	10/7/2025		X		G	1	X	X	X													
BH-3 (18-19)	10/7/2025		X		G	1	X	X	X													
BH-3 (20)	10/7/2025		X		G	1	X	X	X													
BH-3 (25)	10/7/2025		X		G	1	X	X	X													
BH-3 (30)	10/7/2025		X		G	1	X	X	X													

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

Relinquished by: (Signature) <i>Carmona</i>	Date/Time 10/14/25
Received by: (Signature) <i>HP</i>	Date/Time

### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-63838-1  
SDG Number: Eddy County New Mexico

**Login Number: 63838**

**List Number: 1**

**Creator: Kramer, Jessica**

**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.	True	
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	

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

Arcadis U.S., Inc.  
1330 Post Oak Blvd., Suite 2250  
Houston  
Texas 77056  
Phone: 713 953 4800  
[www.arcadis.com](http://www.arcadis.com)

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS

Action 563850

**QUESTIONS**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 563850
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2418559790
Incident Name	NAPP2418559790 GRAHAM CRACKER 2 STATE 1H @ F-10-26S-28E
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	GRAHAM CRACKER 2 STATE 1H
Date Release Discovered	06/28/2024
Surface Owner	State

<b>Incident Details</b>	
<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

<b>Nature and Volume of Release</b>	
<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: Other   Flow Line - Production   Produced Water   Released: 53 BBL   Recovered: 45 BBL   Lost: 8 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)	Not answered.

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 563850

**QUESTIONS (continued)**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 563850
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

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

*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: Justin Nixon Title: Project Manager Email: justin.nixon@arcadis.com Date: 03/17/2026
--	---

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 563850

**QUESTIONS (continued)**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 563850
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**  
*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)	24400
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	1120
GRO+DRO (EPA SW-846 Method 8015M)	1120
BTEX (EPA SW-846 Method 8021B or 8260B)	0.1
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1

*Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.*

On what estimated date will the remediation commence	03/31/2026
On what date will (or did) the final sampling or liner inspection occur	04/07/2026
On what date will (or was) the remediation complete(d)	04/28/2026
What is the estimated surface area (in square feet) that will be reclaimed	2000
What is the estimated volume (in cubic yards) that will be reclaimed	296
What is the estimated surface area (in square feet) that will be remediated	2000
What is the estimated volume (in cubic yards) that will be remediated	296

*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.*

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS, Page 4

Action 563850

**QUESTIONS (continued)**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 563850
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

**Remediation Plan (continued)**

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

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

*(Select all answers below that apply.)*

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	fAPP2203933738 Graham Cracker 2 State 1H - Battery
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

*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: Justin Nixon Title: Project Manager Email: justin.nixon@arcadis.com Date: 03/17/2026
--	---

*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.*

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 563850

**QUESTIONS (continued)**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 563850
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Deferral Requests Only</b>	
<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

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS, Page 6

Action 563850

**QUESTIONS (continued)**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 563850
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

**Sampling Event Information**

Last sampling notification (C-141N) recorded	{Unavailable.}
--	----------------

**Remediation Closure Request**

*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	No
--	----

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**

CONDITIONS

Action 563850

**CONDITIONS**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 563850
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**CONDITIONS**

Created By	Condition	Condition Date
scwells	Remediation plan approved with the following conditions:	3/20/2026
scwells	1) Remediation to Table I Closure Criteria > 100 feet is not approved for this release. Based on the boring log provided for the depth to groundwater verification, the OCD will accept remediating to the 51 feet – 100 feet Table I Closure Criteria as the casing was set at 86.19 feet bgs for 72 hours and no water was confirmed at this depth.	3/20/2026
scwells	2) OCD requires that any base or wall that is exposed during excavation, even due to benching and sloping, have samples collected pursuant to 19.15.29 NMAC.	3/20/2026
scwells	Submit a closure report to the OCD by 6/18/2026.	3/20/2026