



SITE INFORMATION

Closure Report
Lea Federal Unit 21H (04.05.2025)
Incident ID: NAPP2509571354
Lea County, New Mexico
Unit D Sec 12 T20S R34E
32.592400001°, -103.520217°

Crude Oil Release
Point of Release: Fluid burped out of the flare
Release Date: 04.05.2025
Volume Released: 21 Barrels of Crude Oil
Volume Recovered: 15 Barrels of Crude Oil

CARMONA RESOURCES



Prepared for:
Coterra Energy Operating Co.
6001 Deauville Blvd.
Suite 300N
Midland, Texas 79706

Prepared by:
Carmona Resources, LLC
310 West Wall Street
Suite 500
Midland, Texas 79701

TABLE OF CONTENTS

1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 SITE ASSESSMENT ACTIVITIES

5.0 REMEDIATION & RECLAMATION ACTIVITIES

6.0 CONCLUSIONS

FIGURES

| | | | |
|----------|------------------|--------------|-------------|
| FIGURE 1 | OVERVIEW | FIGURE 2 | TOPOGRAPHIC |
| FIGURE 3 | SAMPLE LOCATION | FIGURE 4A-4C | EXCAVATION |
| FIGURE 5 | RECLAMATION AREA | | |

APPENDICES

| | |
|------------|---------------------------------------|
| APPENDIX A | TABLES |
| APPENDIX B | PHOTOS |
| APPENDIX C | NMOCD CORRESPONDENCE |
| APPENDIX D | SITE CHARACTERIZATION AND GROUNDWATER |
| APPENDIX E | LABORATORY REPORTS |

December 8, 2025

New Mexico Oil Conservation District
1220 South St, France Drive
Santa Fe, NM 87505

Re: Closure Report
Lea Federal Unit 21H (04.05.2025)
Incident ID: NAPP2509571354
Coterra Energy Operating Co.
Site Location: Unit D, S12, T20S, R34E
Lat 32.592400001°, Long -103.520217°
Lea County, New Mexico

To whom it may concern:

On behalf of Coterra Energy Operating Co. (Coterra, formerly known as Avant Operating, LLC), Carmona Resources, LLC has prepared this letter to document site assessment, remediation, and reclamation activities for the Lea Federal Unit 21H. The site is located at 32.592400001°, -103.520217° within Unit D, S12, T20S, R34E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on April 05, 2025, due to fluid burping out of the flare. It resulted in approximately twenty-one (21) barrels of crude oil to be released, with approximately fifteen (15) barrels of crude oil recovered. The spill boundaries are shown in Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. The nearest groundwater determination bore (GWDB) is located approximately 0.05 miles East of the site in S12, T20S, 34E, and was drilled in 2025. The GWDB was drilled to a depth of 105 feet below ground surface (ft bgs) and did not show evidence of groundwater present after 72 hours. A copy of the summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing and remediating the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 1,000 mg/kg (GRO + DRO).
- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- Chloride: 20,000 mg/kg.

4.0 Site Assessment Activities

Initial Assessment

On May 12, 2025, Carmona Resources LLC, performed site assessment activities to evaluate soil impacts stemming from the release. A total of six (6) trenching samples (S-1 through S-6) and six (6) horizontal samples were installed to total depths ranging from surface to 5.0 ft bgs inside the release area. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and 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 total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and Chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E. Refer to Table 1.

5.0 Remediation & Reclamation Activities

June 2025 Remediation

On June 5, 2025, Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on May 29, 2025, Subsection D of 19.15.29.12 NMAC. See Appendix C. The area of S-5 was excavated to a depth of 1.5' bgs. One (1) confirmation floor sample (CS-1) was collected, and four (4) sidewall samples (SW-1 through SW-4) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

All final confirmation samples were below regulatory requirements for TPH, BTEX, and Chloride concentrations. The excavation depths and confirmation sample locations are shown in Figure 4B. Refer to Table 2.

Before the excavation was backfilled, a composite sample of the backfill material was collected on June 9, 2025, to ensure the material was clean per NMOCD standards. The backfill material was sourced from a nearby stockpile located at 32.597024°, -103.519570°. Refer to Table 2. Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 120 square feet of contamination was remediated, resulting in 8 cubic yards of material excavated and transported offsite for proper disposal.

October 2025 Remediation During Reclamation Activities

The 30-025-37525 well bore was plugged in October of 2025. Following the plugging of the wellbore, reclamation activities were scheduled. Prior to reclamation of the well pad, additional remediation needed to take place to meet NMAC 19.15.29.13D.1.

On October 31, 2025, Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on October 29, 2025, Subsection D of 19.15.29.12 NMAC. See Appendix C. The area of S-1 was excavated to a depth of 1.5' bgs. A total of twenty (20) confirmation floor samples (CS-1 through CS-20) were collected, and four (4) sidewall samples (SW-1 through SW-4) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

All final confirmation samples were below regulatory requirements for TPH, BTEX, and Chloride concentrations. The excavation depths and confirmation sample locations are shown in Figure 4C. Approximately 3,315 square feet of contamination was remediated, resulting in 161 cubic yards of material excavated and transported offsite for proper disposal. Before the excavation was backfilled, a composite sample of the backfill material was collected on October 31, 2025, to ensure the material was clean per NMOCD standards. The backfill material was sourced from a landowner nearby located at 32.531401°, -103.523989°. Refer to Table 3.



Beginning on November 3, 2025, H&R Enterprises were on site to conduct reclamation activities. The work area was decompacted and harrowed to minimize dust and erosion. The pad area was leveled out to surface grade and an earthen berm between the lease road and pad was erected to block access into the newly reclaimed area. Additionally, a 245 ft by 116 ft area west of the pad will remain in place to serve as an access road and to support the existing flare on site. The access road running through the west side of this well pad is associated with the "Lea Unit #44H & #45H (30-025-42885 & 30-025-43143)". Once the Lea Unit #44H & #45H have been plugged, the well pad for those wells will be reclaimed along with the access road. The flare onsite is associated with the "LEA FED WEST BT20022 (fAPP2132825965). Once the facility is decommissioned or downsized, the flare will be removed.

The reclaimed area measures to an area of approximately 76,000 square feet. It has been bermed off to eliminate vehicle traffic from entering the recently cross ripped area. The reclaimed area is proposed to be seeded via tractor drill with the appropriate pounds of pure live seed per acre in the Spring of 2026 for optimal vegetation growth. The seed mixture proposed to be used is the BLM Seed Mixture #2 for sandy sites. Refer to Figure 5.

6.0 Conclusions

Based on the assessment and analytical data from the remediation, no further actions are required at the site. Coterra formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-8988.

Sincerely,
Carmona Resources, LLC

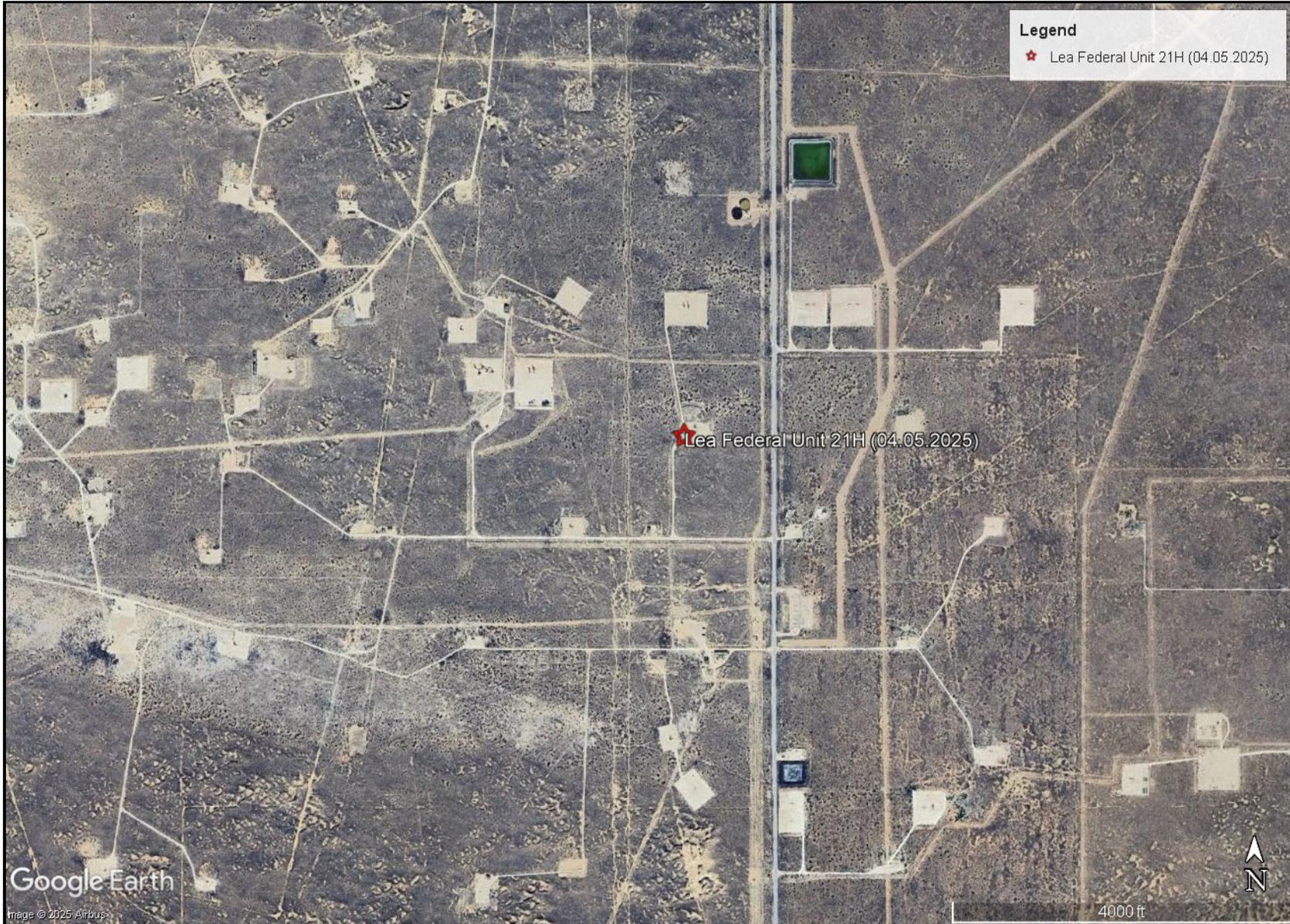
Ashton Thielke
Environmental Manager

Gilbert Priego
Project Manager

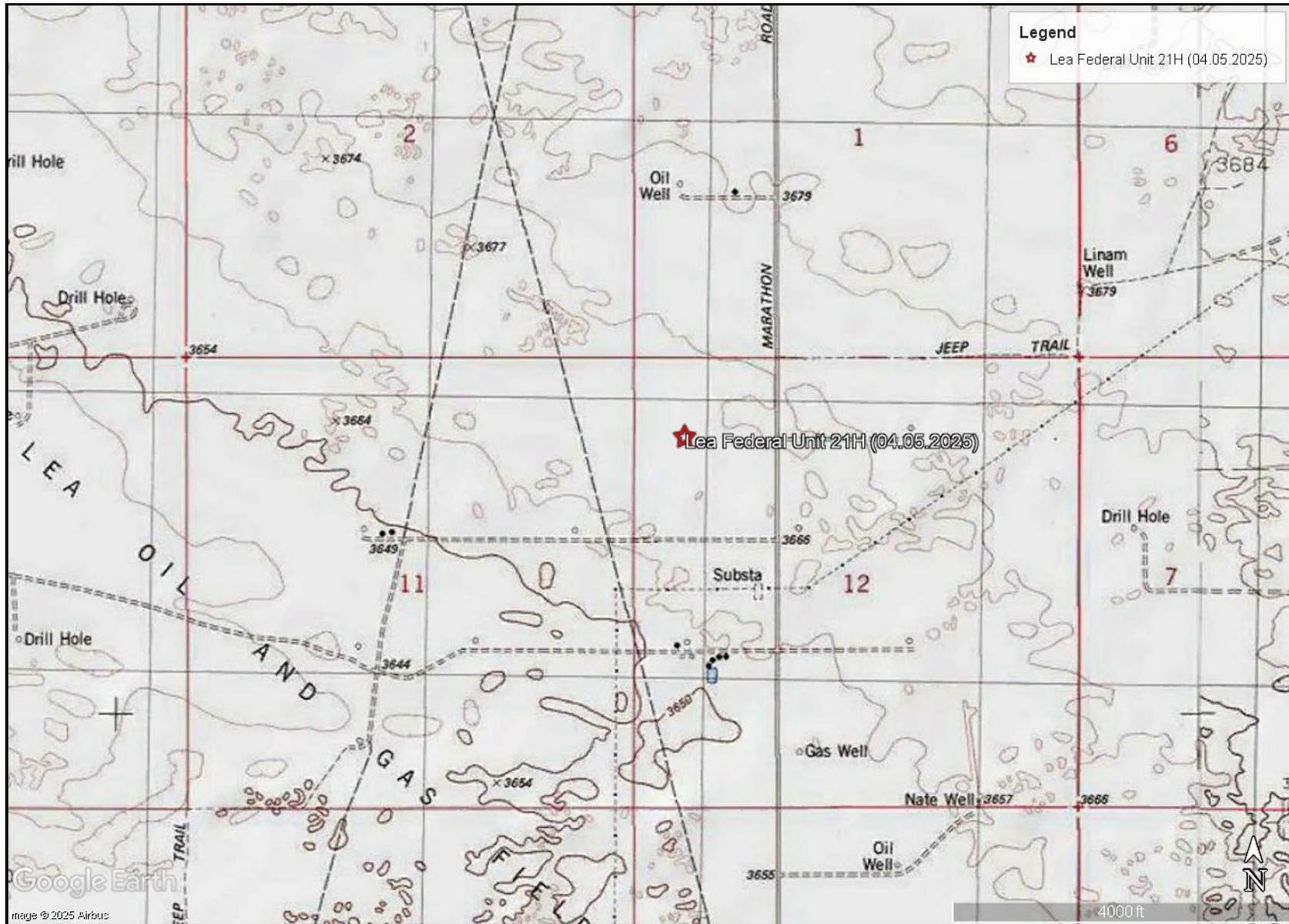
FIGURES

CARMONA RESOURCES





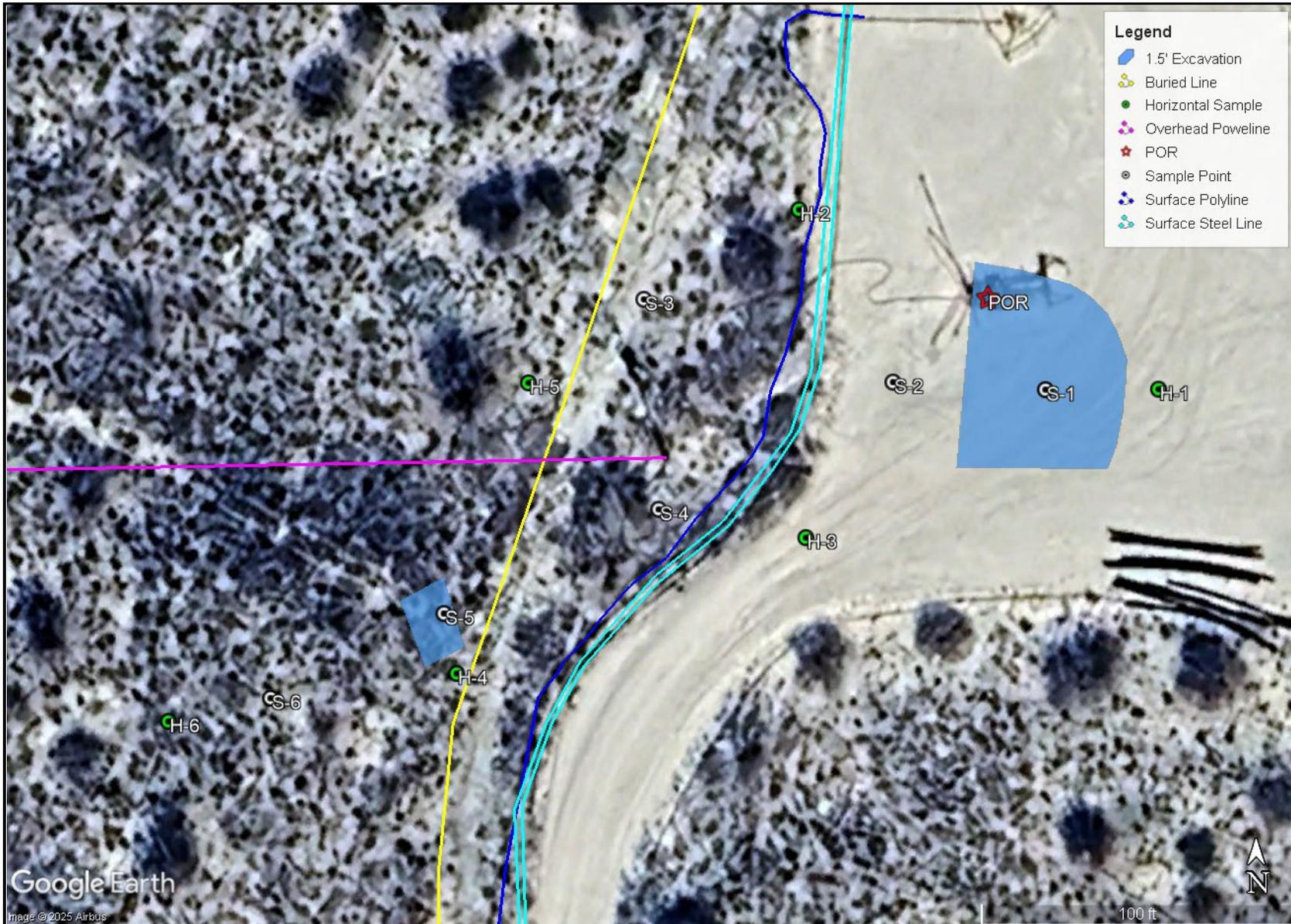
| | | |
|---|--|-----------------|
| <p>OVERVIEW MAP COTERRA ENERGY OPERATING CO. LEA FEDERAL UNIT 21H (04.05.2025) LEA COUNTY, NEW MEXICO 32.592400001°, -103.520217°</p> | <p>CARMONA RESOURCES </p> | <p>FIGURE 1</p> |
|---|--|-----------------|



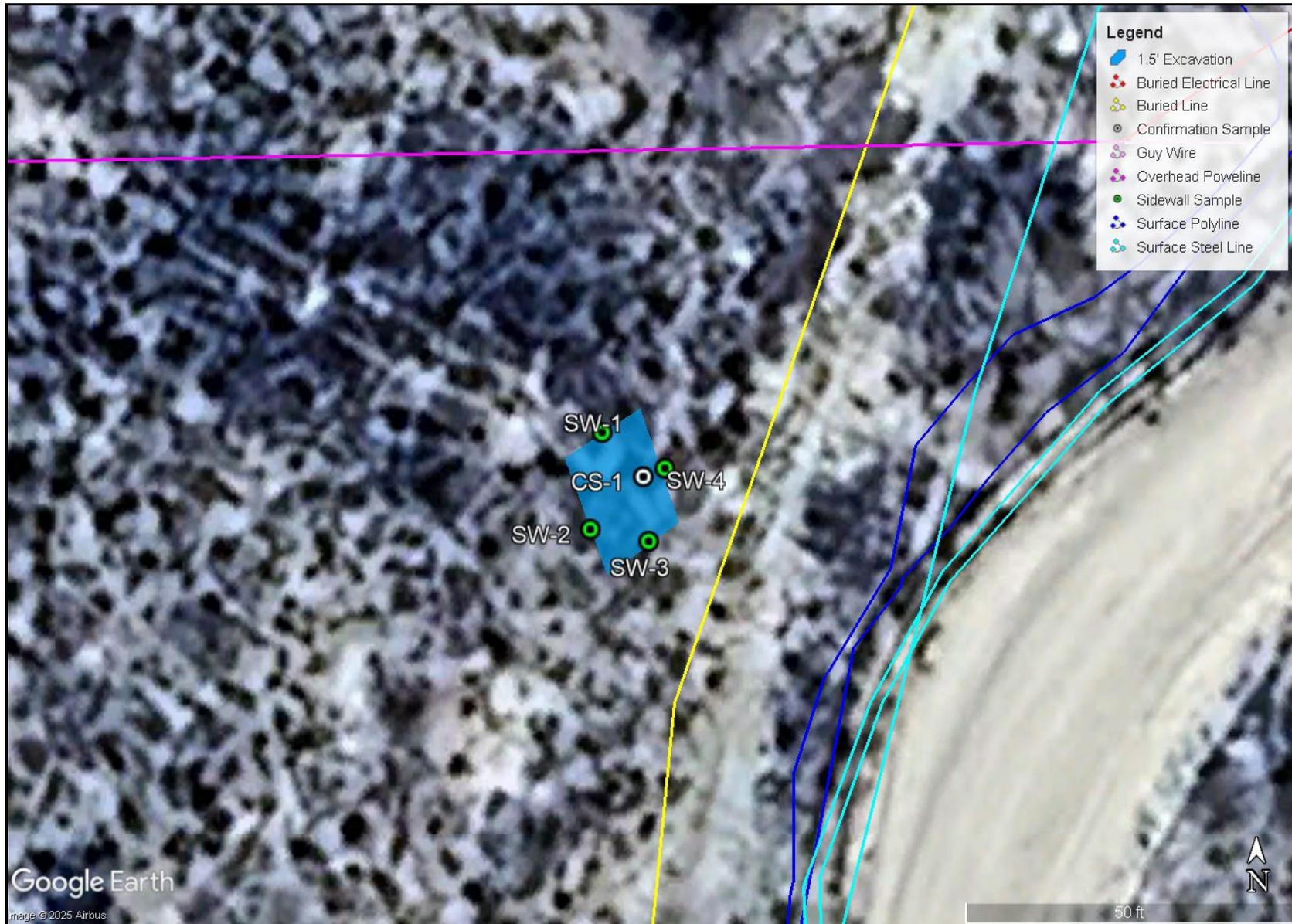
TOPOGRAPHIC MAP
COTERRA ENERGY OPERATING CO.
LEA FEDERAL UNIT 21H (04.05.2025)
LEA COUNTY, NEW MEXICO
32.592400001°, -103.520217°



FIGURE 2



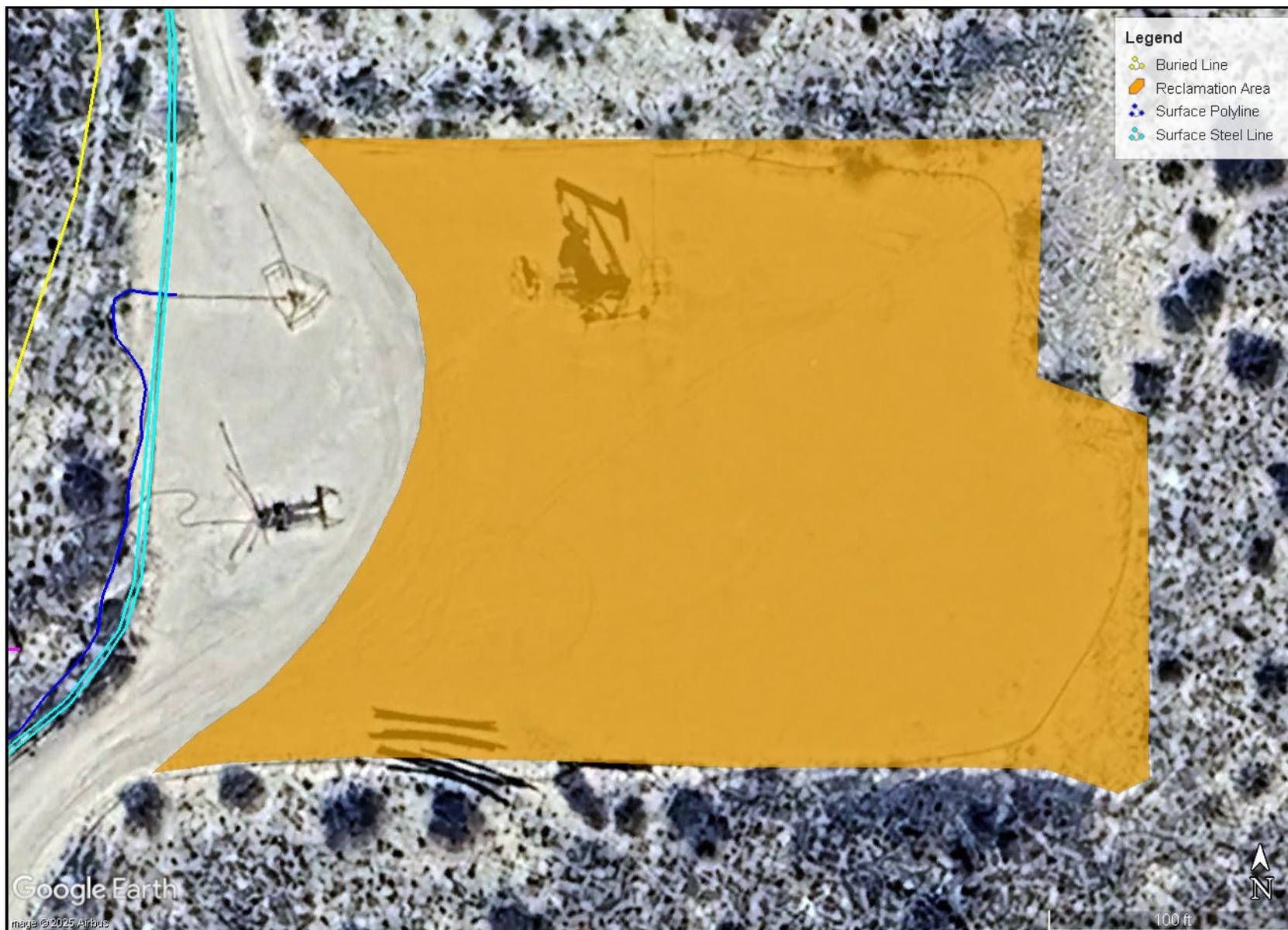
| | | |
|---|--|------------------|
| <p>EXCAVATION DEPTH MAP COTERRA ENERGY OPERATING CO. LEA FEDERAL UNIT 21H (04.05.2025) LEA COUNTY, NEW MEXICO 32.592400001°, -103.520217°</p> | <p>CARMONA RESOURCES </p> | <p>FIGURE 4A</p> |
|---|--|------------------|



| | | |
|---|--|------------------|
| <p>EXCAVATION DEPTH MAP COTERRA ENERGY OPERATING CO. LEA FEDERAL UNIT 21H (04.05.2025) LEA COUNTY, NEW MEXICO 32.592400001°, -103.520217°</p> | <p>CARMONA RESOURCES </p> | <p>FIGURE 4B</p> |
|---|--|------------------|



| | | |
|---|--|------------------|
| <p>EXCAVATION DEPTH MAP COTERRA ENERGY OPERATING CO. LEA FEDERAL UNIT 21H (04.05.2025) LEA COUNTY, NEW MEXICO 32.592400001°, -103.520217°</p> | <p>CARMONA RESOURCES </p> | <p>FIGURE 4C</p> |
|---|--|------------------|



Google Earth
image © 2025 Airbus

100 ft
N

RECLAMATION AREA MAP
COTERRA ENERGY OPERATING CO.
LEA FEDERAL UNIT 21H (04.05.2025)
LEA COUNTY, NEW MEXICO
32.592400001°, -103.520217°

CARMONA RESOURCES

FIGURE 5

APPENDIX A

CARMONA RESOURCES



Table 1
Coterra Energy Operating Co.
Lea Federal Unit 21H (04.05.2025)
Lea County, New Mexico

| Sample ID | Date | Depth (ft) | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|--|-----------|------------|-------------|--------------|-------|--------------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
| | | | GRO | DRO | MRO | Total | | | | | | |
| Areas located on the Well Pad | | | | | | | | | | | | |
| S-1 | 5/12/2025 | 0-1.0' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 2,450 |
| | " | 1.5' | <50.2 | <50.2 | <50.2 | <50.2 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 118 |
| | " | 2.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 119 |
| | " | 3.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 99.3 |
| | " | 4.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | 129 |
| S-2 | 5/12/2025 | 0-1.0' | <50.2 | <50.2 | <50.2 | <50.2 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 250 |
| | " | 1.5' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 11.3 |
| | " | 2.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 75.1 |
| | " | 3.0' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 88.0 |
| | " | 4.0' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 109 |
| Area located in the Pasture | | | | | | | | | | | | |
| S-3 | 5/12/2025 | 0-0.5' | <50.2 | <50.2 | <50.2 | <50.2 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 147 |
| | " | 1.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 102 |
| | " | 2.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 78.8 |
| | " | 3.0' | <49.7 | <49.7 | <49.7 | <49.7 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 80.6 |
| | " | 4.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 82.7 |
| S-4 | 5/12/2025 | 0-1.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00397 | <0.00397 | 140 |
| | " | 1.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 112 |
| | " | 2.0' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 94.1 |
| | " | 3.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 86.7 |
| | " | 4.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 98.8 |
| S-5 | 5/12/2025 | 0-1.0' | 217 | 1,980 | <49.9 | 2,200 | <0.00199 | 0.114 | 0.0182 | 0.0929 | 0.225 | 287 |
| | " | 1.5' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 356 |
| | " | 2.0' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 253 |
| | " | 3.0' | <49.7 | <49.7 | <49.7 | <49.7 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 346 |
| | " | 4.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | 390 |
| | " | 5.0' | <50.2 | <50.2 | <50.2 | <50.2 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 239 |
| S-6 | 5/12/2025 | 0-0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 101 |
| | " | 1.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 112 |
| | " | 2.0' | <49.7 | <49.7 | <49.7 | <49.7 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 137 |
| | " | 3.0' | <49.7 | <49.7 | <49.7 | <49.7 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 110 |
| | " | 4.0' | <49.7 | <49.7 | <49.7 | <49.7 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | 91.4 |
| Regulatory Criteria^A | | | 1,000 mg/kg | | | 2,500 mg/kg | 10 mg/kg | | | | 50 mg/kg | 10,000 mg/kg |

^A - Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
S - Soil Sample
 Removed

Table 1
Coterra Energy Operating Co.
Lea Federal Unit 21H (04.05.2025)
Lea County, New Mexico

| Sample ID | Date | Depth (ft) | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|--|-----------|------------|-------------|-------|-------|-----------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
| | | | GRO | DRO | MRO | Total | | | | | | |
| H-1 | 5/12/2025 | 0-0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00202 | <0.00202 | <0.00202 | 0.118 | 0.118 | 90.8 |
| H-2 | 5/12/2025 | 0-0.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 300 |
| H-3 | 5/12/2025 | 0-0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00400 | <0.00400 | 93.1 |
| H-4 | 5/12/2025 | 0-0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 82.9 |
| H-5 | 5/12/2025 | 0-0.5' | <50.1 | 89.9 | <50.1 | 89.9 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 96.5 |
| H-6 | 5/12/2025 | 0-0.5' | <50.2 | 79.9 | <50.2 | 79.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 89.7 |
| <i>Regulatory Criteria^A</i> | | | | | | 100 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |

^A – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(H) - Horizontal Sample

Table 2
Coterra Energy Operating Co.
Lea Federal Unit 21H (04.05.2025)
Lea County, New Mexico

| Sample ID | Date | Depth (ft) | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|--|----------|------------|-------------|-------|-------|-----------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
| | | | GRO | DRO | MRO | Total | | | | | | |
| CS-1 | 6/5/2025 | 1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| SW-1 | 6/5/2025 | 1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| SW-2 | 6/5/2025 | 1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| SW-3 | 6/5/2025 | 1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| SW-4 | 6/5/2025 | 1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| Backfill | 6/9/2025 | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00202 | <0.00202 | <0.00202 | <0.00403 | <0.00403 | 97.7 |
| <i>Regulatory Criteria^A</i> | | | | | | 100 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |

^A – Table 1 - 19.15.29 NMAC
 mg/kg - milligram per kilogram
 TPH - Total Petroleum Hydrocarbons
 ft - feet
 (CS) - Confirmation Sample
 (SW) - Sidewall Sample

Table 3
Coterra Energy Operating Co.
Lea Federal Unit 21H (04.05.2025)
Lea County, New Mexico

| Sample ID | Date | Depth (ft) | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|--|------------|------------|-------------|-------|-------|-----------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
| | | | GRO | DRO | MRO | Total | | | | | | |
| CS-1 | 10/31/2025 | 1.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 186 |
| CS-2 | 10/31/2025 | 1.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | 130 |
| CS-3 | 10/31/2025 | 1.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 132 |
| CS-4 | 10/31/2025 | 1.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00397 | <0.00397 | 105 |
| CS-5 | 10/31/2025 | 1.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00400 | <0.00400 | 185 |
| CS-6 | 10/31/2025 | 1.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 129 |
| CS-7 | 10/31/2025 | 1.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 159 |
| CS-8 | 10/31/2025 | 1.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00202 | <0.00202 | <0.00202 | <0.00403 | <0.00403 | 92.6 |
| CS-9 | 10/31/2025 | 1.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 176 |
| CS-10 | 10/31/2025 | 1.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 121 |
| CS-11 | 10/31/2025 | 1.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 179 |
| CS-12 | 10/31/2025 | 1.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 99.7 |
| CS-13 | 10/31/2025 | 1.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | 60.5 |
| CS-14 | 10/31/2025 | 1.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 120 |
| CS-15 | 10/31/2025 | 1.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 161 |
| CS-16 | 10/31/2025 | 1.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 92.1 |
| CS-17 | 10/31/2025 | 1.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00397 | <0.00397 | 159 |
| CS-18 | 10/31/2025 | 1.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00202 | <0.00202 | <0.00202 | <0.00403 | <0.00403 | 91.8 |
| CS-19 | 10/31/2025 | 1.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 157 |
| CS-20 | 10/31/2025 | 1.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 92.9 |
| SW-1 | 10/31/2025 | 1.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 103 |
| SW-2 | 10/31/2025 | 1.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 299 |
| SW-3 | 10/31/2025 | 1.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 102 |
| SW-4 | 10/31/2025 | 1.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 384 |
| Backfill | 10/31/2025 | - | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00400 | <0.00400 | 377 |
| <i>Regulatory Criteria^A</i> | | | | | | 100 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |

^A - Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(CS) - Confirmation Sample
(SW) - Sidewall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

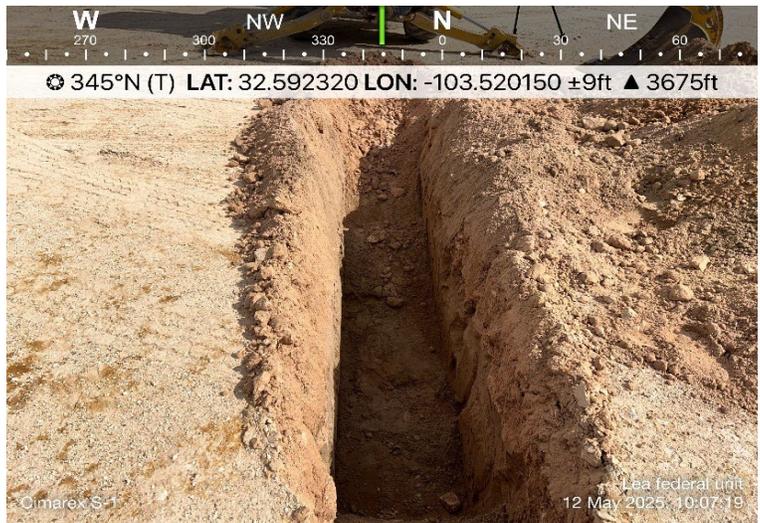
Coterra Energy Operating Co.

Photograph No. 1

Facility: Lea Federal Unit 21H (04.05.2025)

County: Lea County, New Mexico

Description:
View North, area of S-1.

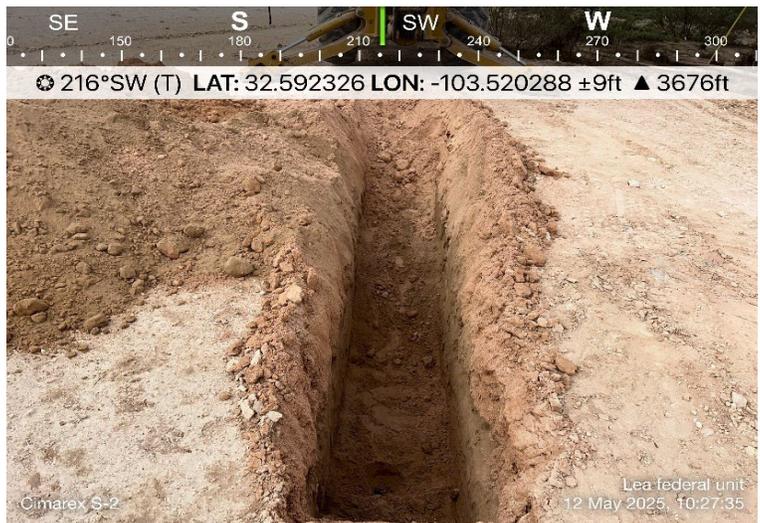


Photograph No. 2

Facility: Lea Federal Unit 21H (04.05.2025)

County: Lea County, New Mexico

Description:
View Southwest, area of S-2.



Photograph No. 3

Facility: Lea Federal Unit 21H (04.05.2025)

County: Lea County, New Mexico

Description:
View North, area of S-3.



PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

Photograph No. 4

Facility: Lea Federal Unit 21H (04.05.2025)

County: Lea County, New Mexico

Description:
View Northeast, area of S-4.



Photograph No. 5

Facility: Lea Federal Unit 21H (04.05.2025)

County: Lea County, New Mexico

Description:
View Northeast, area of S-5.



Photograph No. 6

Facility: Lea Federal Unit 21H (04.05.2025)

County: Lea County, New Mexico

Description:
View North, area of S-6.



PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

Photograph No. 7

Facility: Lea Federal Unit 21H (04.05.2025)

County: Lea County, New Mexico

Description:

View Northeast, area of CS-1 from 06.09.2025 remediation.



Photograph No. 8

Facility: Lea Federal Unit 21H (04.05.2025)

County: Lea County, New Mexico

Description:

View Northwest, area of CS-1 from 06.09.2025 remediation.



Photograph No. 9

Facility: Lea Federal Unit 21H (04.05.2025)

County: Lea County, New Mexico

Description:

View Northeast, area of CS-1 through CS-20 from 10.31.2025 remediation.



PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

Photograph No. 10

Facility: Lea Federal Unit 21H (04.05.2025)

County: Lea County, New Mexico

Description:

View Southeast, area of CS-1 through CS-20 from 10.31.2025 remediation.



Photograph No. 11

Facility: Lea Federal Unit 21H (04.05.2025)

County: Lea County, New Mexico

Description:

View West, area of CS-1 through CS-20 from 10.31.2025 remediation.



Photograph No. 12

Facility: Lea Federal Unit 21H (04.05.2025)

County: Lea County, New Mexico

Description:

View Northeast, reclaimed well pad.



PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

Photograph No. 13

Facility: Lea Federal Unit 21H (04.05.2025)

County: Lea County, New Mexico

Description:
View North, reclaimed well pad.



Photograph No. 14

Facility: Lea Federal Unit 21H (04.05.2025)

County: Lea County, New Mexico

Description:
View North, reclaimed well pad.



Photograph No. 15

Facility: Lea Federal Unit 21H (04.05.2025)

County: Lea County, New Mexico

Description:
View East, reclaimed well pad.



APPENDIX C

CARMONA RESOURCES



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 449015

QUESTIONS

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 449015 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

QUESTIONS

| | |
|---|----------------------|
| Location of Release Source | |
| <i>Please answer all the questions in this group.</i> | |
| Site Name | Lea Federal Unit 21H |
| Date Release Discovered | 04/05/2025 |
| Surface Owner | Federal |

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

| | |
|---|---|
| Nature and Volume of Release | |
| <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i> | |
| Crude Oil Released (bbls) Details | Cause: Equipment Failure Other (Specify) Crude Oil Released: 21 BBL Recovered: 15 BBL Lost: 6 BBL. |
| Produced Water Released (bbls) Details | Not answered. |
| Is the concentration of chloride in the produced water >10,000 mg/l | Not answered. |
| 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) | The Lea Unit WC NW facility instrument air compressor went down. The lack of instrument air prevented the flare scrubber from being able to dump, causing fluid to burp out of the flare and onto the edge of the Lea Unit 21H well pad, and over spraying into the pasture due to the high winds. A total of 21 barrels oil was released out of the flare. Vac trucks were able to recover 15 barrels of oil from the well pad and pasture. Impacted soils will be scheduled for remediation in the coming weeks. Released: 21 barrels oil Recovered: 15 barrels oil |

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 449015

QUESTIONS (continued)

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 449015 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

QUESTIONS

| | |
|--|--|
| Nature and Volume of Release (continued) | |
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | No |
| Reasons why this would be considered a submission for a notification of a major release | <i>Unavailable.</i> |
| <i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i> | |

Initial Response

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

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

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

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

ACKNOWLEDGMENTS

Action 449015

ACKNOWLEDGMENTS

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 449015 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

ACKNOWLEDGMENTS

| | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | I acknowledge that I am authorized to submit notification of a release on behalf of my operator. |
| <input checked="" type="checkbox"/> | I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29. |
| <input checked="" type="checkbox"/> | I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29. |
| <input checked="" type="checkbox"/> | I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. |
| <input checked="" type="checkbox"/> | I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. |
| <input checked="" type="checkbox"/> | I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |

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 449015

CONDITIONS

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 449015 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|----------------|
| lluig | When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141. | 4/5/2025 |

***** LIQUID SPILLS - VOLUME CALCULATIONS *****

Location of spill: Lea Federal Unit 21H (Lea Unit WC Flare)

Date of Spill: 4/5/2025

If the leak/spill is associated with production equipment, i.e. - wellhead, stuffing box, flowline, tank battery, production vessel, transfer pump, or storage tank place an "X" here:

Input Data:

If spill volumes from measurement, i.e. metering, tank volumes, etc. are known enter the volumes here: OIL: 0.0000 BBL WATER: 0.0000 BBL

If "known" spill volumes are given, input data for the following "Area Calculations" is optional. The above will override the calculated volumes.

| Total Area Calculations | | | | | Standing Liquid Calculations | | | | |
|-------------------------|----------|----------|----------------|---------|------------------------------|---------|----------|--------------|---------|
| Total Surface Area | width | length | wet soil depth | oil (%) | Standing Liquid Area | width | length | liquid depth | oil (%) |
| Rectangle Area #1 | 180 ft X | 100 ft X | 0.0625 in | 100% | Rectangle Area #1 | 50 ft X | 100 ft X | 0.25 in | 100% |
| Rectangle Area #2 | 0 ft 0 | 0 ft X | 0 in | 0% | Rectangle Area #2 | 2 ft X | 18 ft X | 1 in | 100% |
| Rectangle Area #3 | 0 ft 0 | 0 ft X | 0 in | 0% | Rectangle Area #3 | 2 ft X | 18 ft X | 1 in | 100% |
| Rectangle Area #4 | 0 ft 0 | 0 ft X | 0 in | 0% | Rectangle Area #4 | 0 ft X | 0 ft X | 0 in | 0% |
| Rectangle Area #5 | 0 ft 0 | 0 ft X | 0 in | 0% | Rectangle Area #5 | 0 ft X | 0 ft X | 0 in | 0% |
| Rectangle Area #6 | 0 ft 0 | 0 ft X | 0 in | 0% | Rectangle Area #6 | 0 ft X | 0 ft X | 0 in | 0% |
| Rectangle Area #7 | 0 ft 0 | 0 ft X | 0 in | 0% | Rectangle Area #7 | 0 ft X | 0 ft X | 0 in | 0% |
| Rectangle Area #8 | 0 ft 0 | 0 ft X | 0 in | 0% | Rectangle Area #8 | 0 ft X | 0 ft X | 0 in | 0% |
| Rectangle Area #9 | 0 ft 0 | 0 ft X | 0 in | 0% | Rectangle Area #9 | 0 ft X | 0 ft X | 0 in | 0% |

Liquid holding factor *: 0.08 gal per gal

Use the following when the spill wets the grains of the soil:

Use the following when the liquid completely fills the pore space of the soil:

- * sand = .08 gallon liquid per gallon volume of soil.
- * gravelly (caliche) loam = .14 gallon liquid per gallon volume of soil.
- * sandy clay loam soil = .14 gallon liquid per gallon volume of soil.
- * clay loam = .16 gallon liquid per gallon volume of soil.

- Occurs when the spill soaked soil is contained by barriers, natural (or not).
- * gravelly (caliche) loam = .25 gallon liquid per gallon volume of soil.
- * sandy loam = .5 gallon liquid per gallon volume of soil.

| Saturated Soil Volume Calculations: | | | Free Liquid Volume Calculations: | | |
|-------------------------------------|-----------------------|-------------------|--|-----------------------|------------------------|
| Total Solid/Liquid Volume: | 18,000 sq. ft. | 94 cu. ft. | Total Free Liquid Volume: | 5,063 sq. ft. | 109.417 cu. ft. |
| Estimated Volumes Spilled | | | Estimated Production Volumes Lost | | |
| Liquid in Soil: | 0.0 BBL | 1.3 BBL | Estimated Production Spilled: | 0.000000 BBL | 0.000000 BBL |
| Free Liquid: | 0.0 BBL | 19.5 BBL | Estimated Surface Damage | | |
| Totals: | 0.000 BBL | 20.822 BBL | Surface Area: | 18,000 sq. ft. | |
| Recovered: | 0.0 BBL | 0.000 BBL | Surface Area: | .4132 acre | |
| Total Liquid Spill Liquid: | 0.000 BBL | 20.822 BBL | Estimated Weights, and Volumes | | |
| Recovered Volumes | | | Saturated Soil = | 10,500 lbs | 94 cu.ft. |
| Estimated oil recovered: | 0.0 BBL | check - okay | Total Liquid = | 21 BBL | 874.54 gallon |
| Estimated water recovered: | 0.0 BBL | check - okay | | | 3 cu.yds. |
| | | | | | 7,276 lbs |

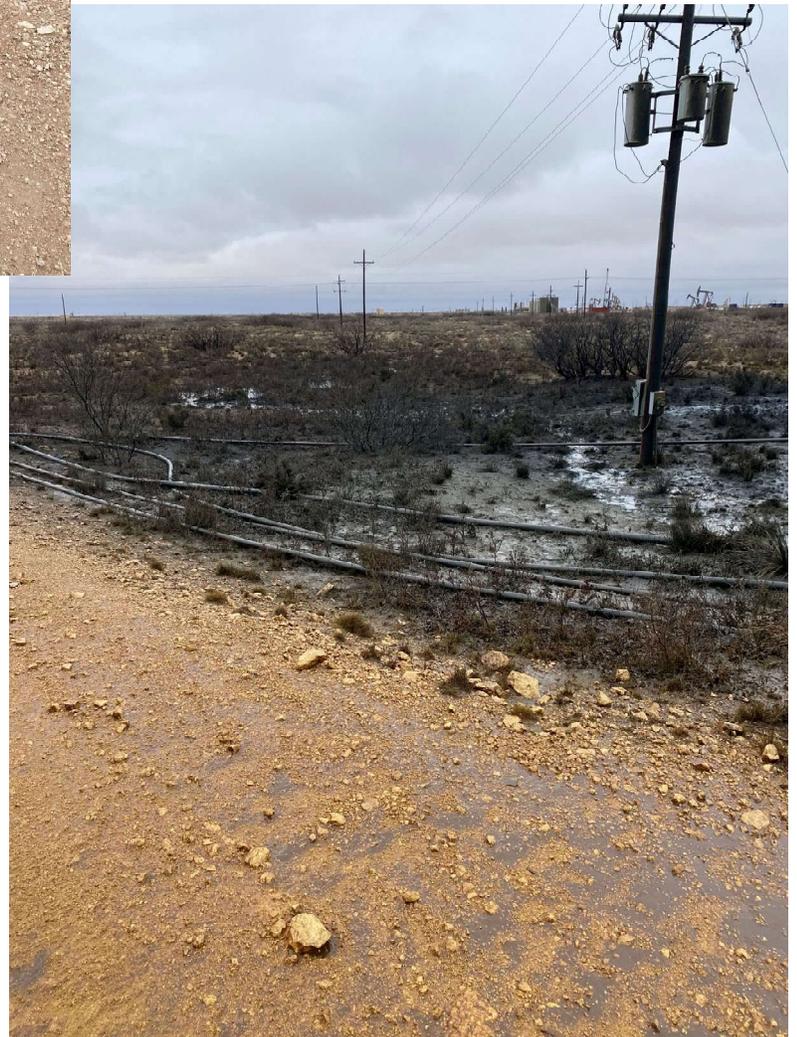
AVANT NATURAL RESOURCES
LEA FEDERAL UNIT 21H
LEA, NM



AVANT NATURAL RESOURCES
LEA FEDERAL UNIT 21H
LEA, NM



AVANT NATURAL RESOURCES
LEA FEDERAL UNIT 21H
LEA, NM



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 449422

QUESTIONS

| | |
|---|---|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 449422 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

QUESTIONS

| | |
|----------------------|---|
| Prerequisites | |
| Incident ID (n#) | nAPP2509571354 |
| Incident Name | NAPP2509571354 LEA FEDERAL UNIT 21H @ 0 |
| Incident Type | Oil Release |
| Incident Status | Initial C-141 Received |

Location of Release Source

Please answer all the questions in this group.

| | |
|-------------------------|----------------------|
| Site Name | Lea Federal Unit 21H |
| Date Release Discovered | 04/05/2025 |
| Surface Owner | Federal |

Incident Details

Please answer all the questions in this group.

| | |
|--|-------------|
| Incident Type | Oil Release |
| Did this release result in a fire or is the result of a fire | No |
| Did this release result in any injuries | No |
| Has this release reached or does it have a reasonable probability of reaching a watercourse | No |
| Has this release endangered or does it have a reasonable probability of endangering public health | No |
| Has this release substantially damaged or will it substantially damage property or the environment | No |
| Is this release of a volume that is or may with reasonable probability be detrimental to fresh water | No |

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

| | |
|--|---|
| Crude Oil Released (bbls) Details | Cause: Equipment Failure Other (Specify) Crude Oil Released: 21 BBL Recovered: 15 BBL Lost: 6 BBL. |
| Produced Water Released (bbls) Details | Not answered. |
| Is the concentration of chloride in the produced water >10,000 mg/l | No |
| Condensate Released (bbls) Details | Not answered. |
| Natural Gas Vented (Mcf) Details | Not answered. |
| Natural Gas Flared (Mcf) Details | Not answered. |
| Other Released Details | 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) | The Lea West TPG facility instrument air compressor went down. The lack of instrument air prevented the flare scrubber from being able to dump, causing fluid to burp out of the flare and onto the edge of the Lea Unit 21H well pad, and over spraying into the pasture due to the high winds. A total of 21 barrels oil was released out of the flare. Vac trucks were able to recover 15 barrels of oil from the well pad and pasture. Impacted soils will be scheduled for remediation in the coming weeks. Released: 21 barrels oil Recovered: 15 barrels oil |

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 449422

QUESTIONS (continued)

| | |
|---|---|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 449422 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

QUESTIONS

| | |
|--|--|
| Nature and Volume of Release (continued) | |
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | No |
| Reasons why this would be considered a submission for a notification of a major release | <i>Unavailable.</i> |
| <i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i> | |

Initial Response

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

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

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: Laci Luig Title: ES&H Specialist Email: DL_PermianEnvironmental@coterra.com Date: 04/07/2025 |
|--|---|

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 449422

QUESTIONS (continued)

| | |
|---|---|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 449422 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

QUESTIONS

| | |
|--|---------------|
| Site Characterization | |
| <i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i> | |
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Not answered. |
| What method was used to determine the depth to ground water | Not answered. |
| Did this release impact groundwater or surface water | Not answered. |
| What is the minimum distance, between the closest lateral extents of the release and the following surface areas: | |
| A continuously flowing watercourse or any other significant watercourse | Not answered. |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Not answered. |
| An occupied permanent residence, school, hospital, institution, or church | Not answered. |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Not answered. |
| Any other fresh water well or spring | Not answered. |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Not answered. |
| A welland | Not answered. |
| A subsurface mine | Not answered. |
| An (non-karst) unstable area | Not answered. |
| Categorize the risk of this well / site being in a karst geology | Not answered. |
| A 100-year floodplain | Not answered. |
| Did the release impact areas not on an exploration, development, production, or storage site | Not answered. |

| | |
|---|----|
| Remediation Plan | |
| <i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i> | |
| Requesting a remediation plan approval with this submission | No |
| <i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i> | |

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 449422

CONDITIONS

| | |
|---|---|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 449422 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| nvez | None | 4/8/2025 |

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 469004

QUESTIONS

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 469004 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

QUESTIONS

| | |
|----------------------|---|
| Prerequisites | |
| Incident ID (n#) | nAPP2509571354 |
| Incident Name | NAPP2509571354 LEA FEDERAL UNIT 21H @ 0 |
| Incident Type | Oil Release |
| Incident Status | Initial C-141 Approved |

| | |
|-----------------------------------|----------------------|
| Location of Release Source | |
| Site Name | Lea Federal Unit 21H |
| Date Release Discovered | 04/05/2025 |
| Surface Owner | Federal |

| | |
|---|---|
| Sampling Event General Information | |
| <i>Please answer all the questions in this group.</i> | |
| What is the sampling surface area in square feet | 4,500 |
| What is the estimated number of samples that will be gathered | 26 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 06/04/2025 |
| Time sampling will commence | 08:00 AM |
| Please provide any information necessary for observers to contact samplers | Carmona Resources – 432-813-8988 |
| Please provide any information necessary for navigation to sampling site | (32.592400001,-103.520217) Carmona Resources will be onsite to collect final composite confirmation floor and sidewall samples. Sampling will begin on 06.04.2025 and continue into 06.05.2025. |

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 469004

CONDITIONS

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 469004 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|----------------|
| athielke | Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted. | 5/29/2025 |

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 471084

QUESTIONS

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 471084 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

QUESTIONS

| | |
|----------------------|---|
| Prerequisites | |
| Incident ID (n#) | nAPP2509571354 |
| Incident Name | NAPP2509571354 LEA FEDERAL UNIT 21H @ 0 |
| Incident Type | Oil Release |
| Incident Status | Initial C-141 Approved |

| | |
|-----------------------------------|----------------------|
| Location of Release Source | |
| Site Name | Lea Federal Unit 21H |
| Date Release Discovered | 04/05/2025 |
| Surface Owner | Federal |

| | |
|---|--|
| Sampling Event General Information | |
| <i>Please answer all the questions in this group.</i> | |
| What is the sampling surface area in square feet | 4,500 |
| What is the estimated number of samples that will be gathered | 26 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 06/09/2025 |
| Time sampling will commence | 09:00 AM |
| Please provide any information necessary for observers to contact samplers | Carmona Resources – 432-813-8988 |
| Please provide any information necessary for navigation to sampling site | (32.592400001,-103.520217) Carmona Resources will be onsite to collect final composite confirmation floor and sidewall samples in the event that a rain delay occurs from the previous week. Sampling will begin on 06.09.2025 and continue into 06.10.2025. |

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 471084

CONDITIONS

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 471084 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|----------------|
| athielke | Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted. | 6/5/2025 |

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 521168

QUESTIONS

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 521168 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

QUESTIONS

| | |
|----------------------|--|
| Prerequisites | |
| Incident ID (n#) | nAPP2509571354 |
| Incident Name | NAPP2509571354 LEA FEDERAL UNIT 21H @ D-12-20S-34E |
| Incident Type | Oil Release |
| Incident Status | Remediation Closure Report Approved |

| | |
|-----------------------------------|----------------------|
| Location of Release Source | |
| Site Name | LEA FEDERAL UNIT 21H |
| Date Release Discovered | 04/05/2025 |
| Surface Owner | Federal |

| | |
|---|---|
| Sampling Event General Information | |
| <i>Please answer all the questions in this group.</i> | |
| What is the sampling surface area in square feet | 3,400 |
| What is the estimated number of samples that will be gathered | 25 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 10/31/2025 |
| Time sampling will commence | 12:00 PM |
| Please provide any information necessary for observers to contact samplers | Final sampling and reclamation of the area of S-1 |
| Please provide any information necessary for navigation to sampling site | 32.5924, -103.520217 |

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/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 521168

CONDITIONS

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 521168 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|--|----------------|
| athielke | Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted. | 10/29/2025 |
| athielke | If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application. | 10/29/2025 |

APPENDIX D

CARMONA RESOURCES



Nearest water well

Coterra Energy Operating Co.

Legend

- 0.05 Miles
- 0.50 Mile Radius
- Groundwater Determination Bore
- Lea Federal Unit 21H (04.05.2025)



Lea Federal Unit 21H (04.05.2025) 105' GWDB - Drilled 2025



Low Karst

Coterra Energy Operating Co.

Legend

- Lea Federal Unit 21H (04.05.2025)
- Low

Lea Federal Unit 21H (04.05.2025)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

(meters)

(In feet)

| POD Number | Code | Sub basin | County | Q64 | Q16 | Q4 | Sec | Tws | Range | X | Y | Map | Distance | Well Depth | Depth Water | Water Column |
|-------------------------------|------|-----------|--------|-----|-----|----|-----|-----|-------|----------|-------------|-----|----------|------------|-------------|--------------|
| CP 00654 POD1 | | CP | LE | | SE | SE | 12 | 20S | 34E | 640103.0 | 3605947.0 * | ● | 1662 | 60 | | |
| L 04157 | | L | LE | | SW | SW | 06 | 20S | 35E | 640483.0 | 3607561.0 * | ● | 1676 | 70 | 64 | 6 |
| CP 00655 POD1 | | CP | LE | | SW | NW | 14 | 20S | 34E | 637294.0 | 3605108.0 * | ● | 2523 | 210 | | |
| CP 01672 POD1 | | CP | LE | NW | SW | NW | 36 | 19S | 34E | 638735.9 | 3610009.6 | ● | 2940 | 100 | | |
| CP 00656 POD1 | | CP | LE | SE | SE | SE | 04 | 20S | 34E | 635342.0 | 3607391.0 * | ● | 3551 | 225 | | |
| CP 00800 POD1 | | CP | LE | NE | NE | NE | 22 | 20S | 34E | 637007.0 | 3603994.0 * | ● | 3602 | 220 | | |
| CP 00683 POD1 | | CP | LE | SW | SW | SE | 25 | 19S | 34E | 639530.0 | 3610685.0 * | ● | 3670 | 120 | 28 | 92 |

Average Depth to Water: **46 feet**

Minimum Depth: **28 feet**

Maximum Depth: **64 feet**

Record Count: 7

UTM Filters (in meters):

Easting: 638878.83

Northing: 3607072.24

Radius: 4000

* UTM location was derived from PLSS - see Help

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



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

| | | | | | | | |
|---|---|------------------|-----------------|-----------------|----------------------------|--|-------------------|
| 1. GENERAL AND WELL LOCATION | OSE POD NO. (WELL NO.) Pod 1 | | WELL TAG ID NO. | | OSE FILE NO(S). CP-2083 | | |
| | WELL OWNER NAME(S) Coterra Energy | | | | PHONE (OPTIONAL) | | |
| | WELL OWNER MAILING ADDRESS 840 Gessner Rd. Ste. 1400 | | | | CITY Houston | STATE TX | ZIP 77024-4152 |
| | WELL LOCATION (FROM GPS) | DEGREES 32 | MINUTES 35 | SECONDS 32.0 | N | * ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84 | |
| | | LONGITUDE 103 | 31 | 9.5 | W | | |
| DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Section 12 Township 20s Range 34e. West of 27-A (Marathon Rd.) | | | | | | | |

| | | | | | | | | |
|---|---|--|--------------------------------------|--|---|------------------------------|--------------------------------|--------------------|
| 2. DRILLING & CASING INFORMATION | LICENSE NO. WD-1862 | NAME OF LICENSED DRILLER James Hawley | | | NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC | | | |
| | DRILLING STARTED 9-3-25 | DRILLING ENDED 9-3-25 | DEPTH OF COMPLETED WELL (FT) 105' | BORE HOLE DEPTH (FT) 105' | DEPTH WATER FIRST ENCOUNTERED (FT) N/A | | | |
| | COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED) | | | | STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A | | | |
| | DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES – SPECIFY: | | | | | | | |
| | DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER – SPECIFY: | | | | | | | |
| | DEPTH (feet bgl) | | BORE HOLE DIAM (inches) | CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen) | CASING CONNECTION TYPE (add coupling diameter) | CASING INSIDE DIAM. (inches) | CASING WALL THICKNESS (inches) | SLOT SIZE (inches) |
| | FROM | TO | | | | | | |
| | 0 | 105' | 6" | No casing left in hole | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| | | | | | | |
|----------------------------|------------------|----|--------------------------|---|---------------------|---------------------|
| 3. ANNULAR MATERIAL | DEPTH (feet bgl) | | BORE HOLE DIAM. (inches) | LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL | AMOUNT (cubic feet) | METHOD OF PLACEMENT |
| | FROM | TO | | | | |
| | | | | N/A | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| | | | | | |
|----------------------|-----------------|--|--|--|--|
| FOR OSE INTERNAL USE | | WR-20 WELL RECORD & LOG (Version 04/30/19) | | | |
| FILE NO. | POD NO. | TRN NO. | | | |
| LOCATION | WELL TAG ID NO. | PAGE 1 OF 2 | | | |



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: CP-2083 Pod 1

Well owner: Coterra Energy Phone No.: 432-208-3035

Mailing address: 840 Gessner Rd. Ste. 1400

City: Houston State: TX Zip code: 77024-4152

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: H&R Enterprises, LLC
- 2) New Mexico Well Driller License No.: WD-1862 Expiration Date: 6/16/27
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):
Nathan Smelcer
- 4) Date well plugging began: 9-8-25 Date well plugging concluded: 9-8-25
- 5) GPS Well Location: Latitude: 32 deg, 35 min, 32.0 sec
Longitude: 103 deg, 31 min, 9.5 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 105 ft below ground level (bgl),
by the following manner: well sounder
- 7) Static water level measured at initiation of plugging: N/A ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 7/16/25
- 9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

- 10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

| <u>Depth</u> (ft bgl) | <u>Plugging Material Used</u> (include any additives used) | <u>Volume of Material Placed</u> (gallons) | <u>Theoretical Volume of Borehole/ Casing</u> (gallons) | <u>Placement Method</u> (tremie pipe, other) | <u>Comments</u> ("casing perforated first", "open annular space also plugged", etc.) |
|--------------------------|---|---|--|---|---|
| 0' - 10' | Hydrated Bentonite | Approx. 15 gallons | 15 gallons | pour | |
| 10' - 105' | Drill Cuttings | Approx. 140 gallons | 140 Gallons | pour | |

| | | | | |
|-------------|---|--------|---|------------|
| MULTIPLY | | BY | | AND OBTAIN |
| cubic feet | x | 7.4805 | = | gallons |
| cubic yards | x | 201.97 | = | gallons |

III. SIGNATURE:

I, James Hawley, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.



 Signature of Well Driller

9/8/25

 Date

Lea Federal Unit 21H (04.05.2025)

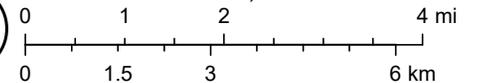


5/2/2025

World_Hillshade

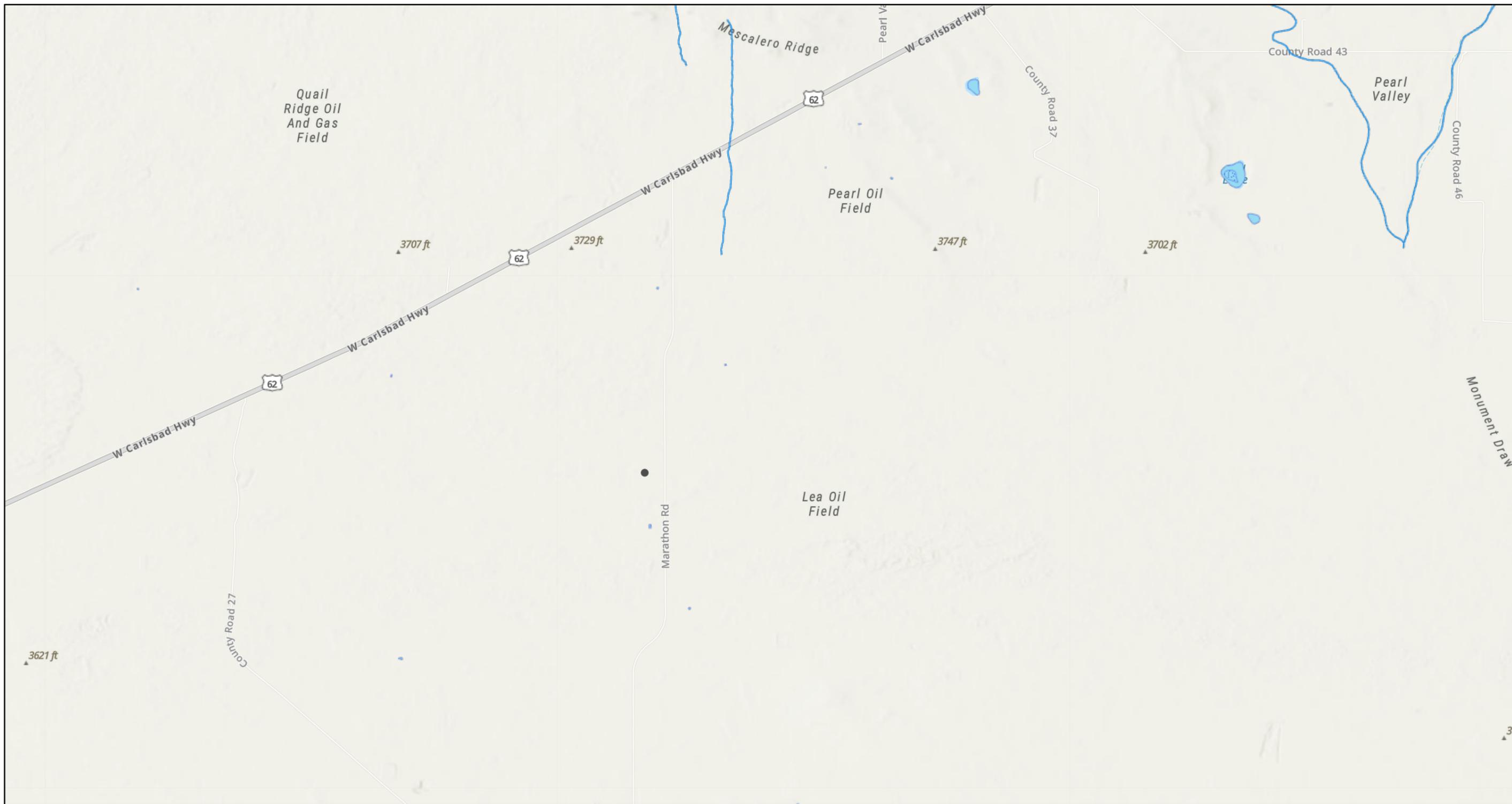


1:144,448



Esri, NASA, NGA, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

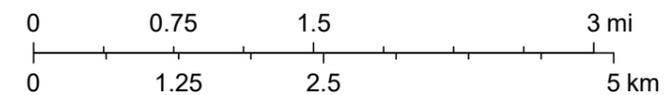
Lea Federal Unit 21H (04.05.2025)



5/2/2025, 7:43:04 AM

- OSW Water Bodies
- OSE Probable Playas
- OSE Streams

1:72,224



Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, NM OSE

APPENDIX E

CARMONA RESOURCES





Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
 Carmona Resources
 310 W Wall St
 Ste 500
 Midland, Texas 79701

Generated 5/22/2025 9:52:44 AM Revision 1

JOB DESCRIPTION

Lea Federal Unit 21H
 Lea County, New Mexico

JOB NUMBER

880-58112-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

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

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

Authorization



Generated
5/22/2025 9:52:44 AM
Revision 1

Authorized for release by
Jessica Kramer, Project Manager
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: Lea Federal Unit 21H

Laboratory Job ID: 880-58112-1
SDG: Lea 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 | 31 |
| QC Sample Results | 34 |
| QC Association Summary | 46 |
| Lab Chronicle | 54 |
| Certification Summary | 64 |
| Method Summary | 65 |
| Sample Summary | 66 |
| Chain of Custody | 67 |
| Receipt Checklists | 71 |

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

Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

| Qualifier | Qualifier Description |
|-----------|---|
| *- | LCS and/or LCSD is outside acceptance limits, low biased. |
| F1 | MS and/or MSD recovery exceeds control limits. |
| F2 | MS/MSD RPD exceeds control limits |
| 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, 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 |

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Lea Federal Unit 21H

Job ID: 880-58112-1

Job ID: 880-58112-1

Eurofins Midland

Job Narrative 880-58112-1

REVISION

The report being provided is a revision of the original report sent on 5/16/2025. The report (revision 1) is being revised due to Per client email, requesting sample ID name correction.

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 5/13/2025 5:03 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 1.2°C.

GC VOA

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-110128 and analytical batch 880-110089 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: Surrogate recovery for the following sample was outside control limits: S-5 (0-1.0') (880-58112-21). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-110113 and analytical batch 880-110227 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 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-110115 and analytical batch 880-110185 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.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-110185 recovered above the upper control limit for MTBE. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 880-110185/33).

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 matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-110111 and analytical batch 880-110103 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: Surrogate recovery for the following samples were outside control limits: (LCS 880-110110/2-A) and (LCSD 880-110110/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-6 (2.0') (880-58112-29), S-6

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Lea Federal Unit 21H

Job ID: 880-58112-1

Job ID: 880-58112-1 (Continued)

Eurofins Midland

(3.0') (880-58112-30), S-6 (4.0') (880-58112-31) and (880-58112-A-29-C MS). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-110116 and analytical batch 880-110221 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

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 Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-110125 and analytical batch 880-110219 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.

The associated samples are: S-2 (1.5') (880-58112-7), S-2 (2.0') (880-58112-8), S-2 (3.0') (880-58112-9), S-2 (4.0') (880-58112-10), S-3 (0-1.0') (880-58112-11), S-3 (1.5') (880-58112-12), S-3 (2.0') (880-58112-13), S-3 (3.0') (880-58112-14), S-3 (4.0') (880-58112-15), S-4 (0-1.0') (880-58112-16), (880-58112-A-7-D MS) and (880-58112-A-7-E MSD).

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: Lea Federal Unit 21HJob ID: 880-58112-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-58112-1

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 20:02 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 20:02 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 20:02 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 20:02 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 20:02 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 20:02 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 97 | | 70 - 130 | 05/14/25 18:00 | 05/15/25 20:02 | 1 |
| 1,4-Difluorobenzene (Surr) | 105 | | 70 - 130 | 05/14/25 18:00 | 05/15/25 20:02 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 05/15/25 20:02 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 05/14/25 23:03 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 05/14/25 10:55 | 05/14/25 23:03 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 05/14/25 10:55 | 05/14/25 23:03 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 05/14/25 10:55 | 05/14/25 23:03 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 80 | | 70 - 130 | 05/14/25 10:55 | 05/14/25 23:03 | 1 |
| o-Terphenyl (Surr) | 83 | | 70 - 130 | 05/14/25 10:55 | 05/14/25 23:03 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 2450 | | 49.6 | | mg/Kg | | | 05/15/25 14:34 | 5 |

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-58112-2

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 20:23 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 20:23 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 20:23 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 20:23 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 20:23 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 20:23 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 93 | | 70 - 130 | 05/14/25 18:00 | 05/15/25 20:23 | 1 |
| 1,4-Difluorobenzene (Surr) | 108 | | 70 - 130 | 05/14/25 18:00 | 05/15/25 20:23 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

Client Sample ID: S-1 (1.5')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-2
 Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 05/15/25 20:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 05/14/25 23:19 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 05/14/25 10:55 | 05/14/25 23:19 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 05/14/25 10:55 | 05/14/25 23:19 | 1 |
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 05/14/25 10:55 | 05/14/25 23:19 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 83 | | 70 - 130 | 05/14/25 10:55 | 05/14/25 23:19 | 1 |
| o-Terphenyl (Surr) | 83 | | 70 - 130 | 05/14/25 10:55 | 05/14/25 23:19 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 118 | | 10.0 | | mg/Kg | | | 05/15/25 14:41 | 1 |

Client Sample ID: S-1 (2.0')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-3
 Matrix: Solid

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 20:43 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 20:43 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 20:43 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 20:43 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 20:43 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 20:43 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 91 | | 70 - 130 | 05/14/25 18:00 | 05/15/25 20:43 | 1 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 | 05/14/25 18:00 | 05/15/25 20:43 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 05/15/25 20:43 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 05/14/25 23:35 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 05/14/25 10:55 | 05/14/25 23:35 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 05/14/25 10:55 | 05/14/25 23:35 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

Client Sample ID: S-1 (2.0')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-3
 Matrix: Solid

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 | | 05/14/25 10:55 | 05/14/25 23:35 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 84 | | 70 - 130 | | | | 05/14/25 10:55 | 05/14/25 23:35 | 1 |
| o-Terphenyl (Surr) | 82 | | 70 - 130 | | | | 05/14/25 10:55 | 05/14/25 23:35 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 119 | | 10.1 | | mg/Kg | | | 05/15/25 14:47 | 1 |

Client Sample ID: S-1 (3.0')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-4
 Matrix: Solid

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 21:03 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 21:03 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 21:03 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 21:03 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 21:03 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 21:03 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 91 | | 70 - 130 | | | | 05/14/25 18:00 | 05/15/25 21:03 | 1 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 | | | | 05/14/25 18:00 | 05/15/25 21:03 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 05/15/25 21:03 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 05/14/25 23:51 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 05/14/25 10:55 | 05/14/25 23:51 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 05/14/25 10:55 | 05/14/25 23:51 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 05/14/25 10:55 | 05/14/25 23:51 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 86 | | 70 - 130 | | | | 05/14/25 10:55 | 05/14/25 23:51 | 1 |
| o-Terphenyl (Surr) | 83 | | 70 - 130 | | | | 05/14/25 10:55 | 05/14/25 23:51 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 99.3 | | 10.0 | | mg/Kg | | | 05/15/25 14:54 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

Client Sample ID: S-1 (4.0')
Date Collected: 05/12/25 00:00
Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-5
Matrix: Solid

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 21:24 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 21:24 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 21:24 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 21:24 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 21:24 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 21:24 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 98 | | 70 - 130 | 05/14/25 18:00 | 05/15/25 21:24 | 1 |
| 1,4-Difluorobenzene (Surr) | 105 | | 70 - 130 | 05/14/25 18:00 | 05/15/25 21:24 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 05/15/25 21:24 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 05/15/25 00:07 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 05/14/25 10:55 | 05/15/25 00:07 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 05/14/25 10:55 | 05/15/25 00:07 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 05/14/25 10:55 | 05/15/25 00:07 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 89 | | 70 - 130 | 05/14/25 10:55 | 05/15/25 00:07 | 1 |
| o-Terphenyl (Surr) | 85 | | 70 - 130 | 05/14/25 10:55 | 05/15/25 00:07 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 129 | | 10.0 | | mg/Kg | | | 05/15/25 15:01 | 1 |

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

Lab Sample ID: 880-58112-6
Matrix: Solid

Date Collected: 05/12/25 00:00
Date Received: 05/13/25 17:03

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 21:44 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 21:44 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 21:44 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 21:44 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 21:44 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 21:44 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 98 | | 70 - 130 | 05/14/25 18:00 | 05/15/25 21:44 | 1 |
| 1,4-Difluorobenzene (Surr) | 108 | | 70 - 130 | 05/14/25 18:00 | 05/15/25 21:44 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-58112-6

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 05/15/25 21:44 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 05/15/25 00:23 | 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 | <50.2 | U | 50.2 | | mg/Kg | | 05/14/25 10:55 | 05/15/25 00:23 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 05/14/25 10:55 | 05/15/25 00:23 | 1 |
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 05/14/25 10:55 | 05/15/25 00:23 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 85 | | 70 - 130 | 05/14/25 10:55 | 05/15/25 00:23 | 1 |
| o-Terphenyl (Surr) | 87 | | 70 - 130 | 05/14/25 10:55 | 05/15/25 00:23 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 250 | | 10.1 | | mg/Kg | | | 05/15/25 15:08 | 1 |

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-58112-7

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:05 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:05 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:05 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:05 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:05 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:05 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 96 | | 70 - 130 | 05/14/25 18:00 | 05/15/25 22:05 | 1 |
| 1,4-Difluorobenzene (Surr) | 102 | | 70 - 130 | 05/14/25 18:00 | 05/15/25 22:05 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 05/15/25 22:05 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 05/15/25 00:39 | 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 | <50.1 | U | 50.1 | | mg/Kg | | 05/14/25 10:55 | 05/15/25 00:39 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 05/14/25 10:55 | 05/15/25 00:39 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

Client Sample ID: S-2 (1.5')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-7
 Matrix: Solid

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) | <50.1 | U | 50.1 | | mg/Kg | | 05/14/25 10:55 | 05/15/25 00:39 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 86 | | 70 - 130 | | | | 05/14/25 10:55 | 05/15/25 00:39 | 1 |
| o-Terphenyl (Surr) | 83 | | 70 - 130 | | | | 05/14/25 10:55 | 05/15/25 00:39 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 11.3 | F1 | 9.92 | | mg/Kg | | | 05/15/25 12:50 | 1 |

Client Sample ID: S-2 (2.0')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-8
 Matrix: Solid

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:25 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:25 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:25 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:25 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:25 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:25 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 101 | | 70 - 130 | | | | 05/14/25 18:00 | 05/15/25 22:25 | 1 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 | | | | 05/14/25 18:00 | 05/15/25 22:25 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 05/15/25 22:25 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 05/15/25 00:55 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 05/14/25 10:55 | 05/15/25 00:55 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 05/14/25 10:55 | 05/15/25 00:55 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 05/14/25 10:55 | 05/15/25 00:55 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 83 | | 70 - 130 | | | | 05/14/25 10:55 | 05/15/25 00:55 | 1 |
| o-Terphenyl (Surr) | 78 | | 70 - 130 | | | | 05/14/25 10:55 | 05/15/25 00:55 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 75.1 | | 10.0 | | mg/Kg | | | 05/15/25 13:06 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit 21HJob ID: 880-58112-1
SDG: Lea County, New Mexico

Client Sample ID: S-2 (3.0')

Lab Sample ID: 880-58112-9

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:46 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:46 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:46 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:46 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:46 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:46 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 89 | | 70 - 130 | 05/14/25 18:00 | 05/15/25 22:46 | 1 |
| 1,4-Difluorobenzene (Surr) | 105 | | 70 - 130 | 05/14/25 18:00 | 05/15/25 22:46 | 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 | | | 05/15/25 22:46 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 05/15/25 03:05 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U F1 | 50.1 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 03:05 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 03:05 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 03:05 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 92 | | 70 - 130 | 05/14/25 11:00 | 05/15/25 03:05 | 1 |
| o-Terphenyl (Surr) | 85 | | 70 - 130 | 05/14/25 11:00 | 05/15/25 03:05 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 88.0 | | 9.96 | | mg/Kg | | | 05/15/25 13:11 | 1 |

Client Sample ID: S-2 (4.0')

Lab Sample ID: 880-58112-10

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 23:06 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 23:06 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 23:06 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 23:06 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 23:06 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 23:06 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 97 | | 70 - 130 | 05/14/25 18:00 | 05/15/25 23:06 | 1 |
| 1,4-Difluorobenzene (Surr) | 110 | | 70 - 130 | 05/14/25 18:00 | 05/15/25 23:06 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

Client Sample ID: S-2 (4.0')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-10
 Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 05/15/25 23:06 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 05/15/25 03:53 | 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 | <50.1 | U | 50.1 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 03:53 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 03:53 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 03:53 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 89 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 03:53 | 1 |
| o-Terphenyl (Surr) | 85 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 03:53 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 109 | | 9.98 | | mg/Kg | | | 05/15/25 13:16 | 1 |

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

Lab Sample ID: 880-58112-11
 Matrix: Solid

Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Benzene | <0.00200 | U F1 | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:04 | 1 |
| Toluene | <0.00200 | U F2 F1 | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:04 | 1 |
| Ethylbenzene | <0.00200 | U F2 F1 | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:04 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U F2 F1 | 0.00399 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:04 | 1 |
| o-Xylene | <0.00200 | U F2 F1 | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:04 | 1 |
| Xylenes, Total | <0.00399 | U F2 F1 | 0.00399 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:04 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 85 | | 70 - 130 | | | | 05/14/25 18:00 | 05/15/25 22:04 | 1 |
| 1,4-Difluorobenzene (Surr) | 95 | | 70 - 130 | | | | 05/14/25 18:00 | 05/15/25 22:04 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 05/15/25 22:04 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 05/15/25 04:10 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 04:10 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 04:10 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-58112-11

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

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) | <50.2 | U | 50.2 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 04:10 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 94 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 04:10 | 1 |
| o-Terphenyl (Surr) | 89 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 04:10 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 147 | | 10.0 | | mg/Kg | | | 05/15/25 13:22 | 1 |

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-58112-12

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:25 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:25 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:25 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:25 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:25 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:25 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 95 | | 70 - 130 | | | | 05/14/25 18:00 | 05/15/25 22:25 | 1 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 | | | | 05/14/25 18:00 | 05/15/25 22:25 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 05/15/25 22:25 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 05/15/25 04:26 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 04:26 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 04:26 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 04:26 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 92 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 04:26 | 1 |
| o-Terphenyl (Surr) | 91 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 04:26 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 102 | | 10.1 | | mg/Kg | | | 05/15/25 13:37 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit 21HJob ID: 880-58112-1
SDG: Lea County, New Mexico

Client Sample ID: S-3 (2.0')

Lab Sample ID: 880-58112-13

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:45 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:45 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:45 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:45 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:45 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 22:45 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 92 | | 70 - 130 | 05/14/25 18:00 | 05/15/25 22:45 | 1 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 | 05/14/25 18:00 | 05/15/25 22:45 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 05/15/25 22:45 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 05/15/25 04:44 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 04:44 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 04:44 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 04:44 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 87 | | 70 - 130 | 05/14/25 11:00 | 05/15/25 04:44 | 1 |
| o-Terphenyl (Surr) | 85 | | 70 - 130 | 05/14/25 11:00 | 05/15/25 04:44 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 78.8 | | 10.1 | | mg/Kg | | | 05/15/25 13:42 | 1 |

Client Sample ID: S-3 (3.0')

Lab Sample ID: 880-58112-14

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 23:06 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 23:06 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 23:06 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 23:06 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 23:06 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 23:06 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 89 | | 70 - 130 | 05/14/25 18:00 | 05/15/25 23:06 | 1 |
| 1,4-Difluorobenzene (Surr) | 92 | | 70 - 130 | 05/14/25 18:00 | 05/15/25 23:06 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

Client Sample ID: S-3 (3.0')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-14
 Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 05/15/25 23:06 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 05/15/25 05:00 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 05:00 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 05:00 | 1 |
| Oil Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 05:00 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 90 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 05:00 | 1 |
| o-Terphenyl (Surr) | 84 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 05:00 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 80.6 | | 10.1 | | mg/Kg | | | 05/15/25 13:48 | 1 |

Client Sample ID: S-3 (4.0')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-15
 Matrix: Solid

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 23:27 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 23:27 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 23:27 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 23:27 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 23:27 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 23:27 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 106 | | 70 - 130 | | | | 05/14/25 18:00 | 05/15/25 23:27 | 1 |
| 1,4-Difluorobenzene (Surr) | 89 | | 70 - 130 | | | | 05/14/25 18:00 | 05/15/25 23:27 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 05/15/25 23:27 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 05/15/25 05:17 | 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 | | 05/14/25 11:00 | 05/15/25 05:17 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 05:17 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

Client Sample ID: S-3 (4.0')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-15
 Matrix: Solid

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 | | 05/14/25 11:00 | 05/15/25 05:17 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 89 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 05:17 | 1 |
| o-Terphenyl (Surr) | 85 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 05:17 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 82.7 | | 10.0 | | mg/Kg | | | 05/15/25 13:53 | 1 |

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

Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-16
 Matrix: Solid

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 23:47 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 23:47 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 23:47 | 1 |
| m-Xylene & p-Xylene | <0.00397 | U | 0.00397 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 23:47 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 23:47 | 1 |
| Xylenes, Total | <0.00397 | U | 0.00397 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 23:47 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 90 | | 70 - 130 | | | | 05/14/25 18:00 | 05/15/25 23:47 | 1 |
| 1,4-Difluorobenzene (Surr) | 84 | | 70 - 130 | | | | 05/14/25 18:00 | 05/15/25 23:47 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00397 | U | 0.00397 | | mg/Kg | | | 05/15/25 23:47 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 05/15/25 05:32 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 05:32 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 05:32 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 05:32 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 90 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 05:32 | 1 |
| o-Terphenyl (Surr) | 93 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 05:32 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 140 | | 9.96 | | mg/Kg | | | 05/15/25 13:58 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit 21HJob ID: 880-58112-1
SDG: Lea County, New Mexico

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-58112-17

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 00:08 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 00:08 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 00:08 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 00:08 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 00:08 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 00:08 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 90 | | 70 - 130 | 05/14/25 18:00 | 05/16/25 00:08 | 1 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 | 05/14/25 18:00 | 05/16/25 00:08 | 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 | | | 05/16/25 00:08 | 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 | | | 05/15/25 05:49 | 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 | | 05/14/25 11:00 | 05/15/25 05:49 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 05:49 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 05:49 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 96 | | 70 - 130 | 05/14/25 11:00 | 05/15/25 05:49 | 1 |
| o-Terphenyl (Surr) | 90 | | 70 - 130 | 05/14/25 11:00 | 05/15/25 05:49 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 112 | | 10.1 | | mg/Kg | | | 05/15/25 14:03 | 1 |

Client Sample ID: S-4 (2.0')

Lab Sample ID: 880-58112-18

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 00:28 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 00:28 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 00:28 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 00:28 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 00:28 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 00:28 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 96 | | 70 - 130 | 05/14/25 18:00 | 05/16/25 00:28 | 1 |
| 1,4-Difluorobenzene (Surr) | 97 | | 70 - 130 | 05/14/25 18:00 | 05/16/25 00:28 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

Client Sample ID: S-4 (2.0')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-18
 Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 05/16/25 00:28 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 05/15/25 06:05 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 06:05 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 06:05 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 06:05 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 104 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 06:05 | 1 |
| o-Terphenyl (Surr) | 102 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 06:05 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 94.1 | | 9.94 | | mg/Kg | | | 05/15/25 14:19 | 1 |

Client Sample ID: S-4 (3.0')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-19
 Matrix: Solid

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 00:49 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 00:49 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 00:49 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 00:49 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 00:49 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 00:49 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 89 | | 70 - 130 | | | | 05/14/25 18:00 | 05/16/25 00:49 | 1 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 | | | | 05/14/25 18:00 | 05/16/25 00:49 | 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 | | | 05/16/25 00:49 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 05/15/25 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 | | 05/14/25 11:00 | 05/15/25 06:37 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 06:37 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

Client Sample ID: S-4 (3.0')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-19
 Matrix: Solid

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 | | 05/14/25 11:00 | 05/15/25 06:37 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 86 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 06:37 | 1 |
| o-Terphenyl (Surr) | 84 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 06:37 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 86.7 | | 9.92 | | mg/Kg | | | 05/15/25 14:24 | 1 |

Client Sample ID: S-4 (4.0')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-20
 Matrix: Solid

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 01:09 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 01:09 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 01:09 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 01:09 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 01:09 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 01:09 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 90 | | 70 - 130 | | | | 05/14/25 18:00 | 05/16/25 01:09 | 1 |
| 1,4-Difluorobenzene (Surr) | 94 | | 70 - 130 | | | | 05/14/25 18:00 | 05/16/25 01:09 | 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 | | | 05/16/25 01:09 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 05/15/25 06:54 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 06:54 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 06:54 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 06:54 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 89 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 06:54 | 1 |
| o-Terphenyl (Surr) | 86 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 06:54 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 98.8 | | 10.0 | | mg/Kg | | | 05/15/25 14:39 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-58112-21

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 02:33 | 1 |
| Toluene | 0.114 | | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 02:33 | 1 |
| Ethylbenzene | 0.0182 | | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 02:33 | 1 |
| m-Xylene & p-Xylene | 0.0596 | | 0.00398 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 02:33 | 1 |
| o-Xylene | 0.0333 | | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 02:33 | 1 |
| Xylenes, Total | 0.0929 | | 0.00398 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 02:33 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 397 | S1+ | 70 - 130 | 05/14/25 18:00 | 05/16/25 02:33 | 1 |
| 1,4-Difluorobenzene (Surr) | 102 | | 70 - 130 | 05/14/25 18:00 | 05/16/25 02:33 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|--------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | 0.225 | | 0.00398 | | mg/Kg | | | 05/16/25 02:33 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 2200 | | 49.9 | | mg/Kg | | | 05/15/25 07:10 | 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 | 217 | | 49.9 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 07:10 | 1 |
| Diesel Range Organics (Over C10-C28) | 1980 | | 49.9 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 07:10 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 07:10 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 94 | | 70 - 130 | 05/14/25 11:00 | 05/15/25 07:10 | 1 |
| o-Terphenyl (Surr) | 115 | | 70 - 130 | 05/14/25 11:00 | 05/15/25 07:10 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 287 | | 10.0 | | mg/Kg | | | 05/15/25 14:45 | 1 |

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-58112-22

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 02:54 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 02:54 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 02:54 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 02:54 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 02:54 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 02:54 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 91 | | 70 - 130 | 05/14/25 18:00 | 05/16/25 02:54 | 1 |
| 1,4-Difluorobenzene (Surr) | 85 | | 70 - 130 | 05/14/25 18:00 | 05/16/25 02:54 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

Client Sample ID: S-5 (1.5')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-22
 Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 05/16/25 02:54 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 05/15/25 07:27 | 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 | <50.1 | U | 50.1 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 07:27 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 07:27 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 07:27 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 92 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 07:27 | 1 |
| o-Terphenyl (Surr) | 91 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 07:27 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 356 | | 10.1 | | mg/Kg | | | 05/15/25 14:50 | 1 |

Client Sample ID: S-5 (2.0')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-23
 Matrix: Solid

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 03:14 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 03:14 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 03:14 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 03:14 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 03:14 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 03:14 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 95 | | 70 - 130 | | | | 05/14/25 18:00 | 05/16/25 03:14 | 1 |
| 1,4-Difluorobenzene (Surr) | 86 | | 70 - 130 | | | | 05/14/25 18:00 | 05/16/25 03:14 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 05/16/25 03:14 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 05/15/25 07:42 | 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 | <50.1 | U | 50.1 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 07:42 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 07:42 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

Client Sample ID: S-5 (2.0')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-23
 Matrix: Solid

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) | <50.1 | U | 50.1 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 07:42 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 92 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 07:42 | 1 |
| o-Terphenyl (Surr) | 93 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 07:42 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 253 | | 9.96 | | mg/Kg | | | 05/15/25 14:55 | 1 |

Client Sample ID: S-5 (3.0')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-24
 Matrix: Solid

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 03:35 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 03:35 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 03:35 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 03:35 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 03:35 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 03:35 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 90 | | 70 - 130 | | | | 05/14/25 18:00 | 05/16/25 03:35 | 1 |
| 1,4-Difluorobenzene (Surr) | 90 | | 70 - 130 | | | | 05/14/25 18:00 | 05/16/25 03:35 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 05/16/25 03:35 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 05/15/25 08:00 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 08:00 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 08:00 | 1 |
| Oil Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 08:00 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 96 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 08:00 | 1 |
| o-Terphenyl (Surr) | 96 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 08:00 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 346 | | 10.1 | | mg/Kg | | | 05/15/25 15:00 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit 21HJob ID: 880-58112-1
SDG: Lea County, New Mexico

Client Sample ID: S-5 (4.0')

Lab Sample ID: 880-58112-25

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 03:55 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 03:55 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 03:55 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 03:55 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 03:55 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 03:55 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 95 | | 70 - 130 | 05/14/25 18:00 | 05/16/25 03:55 | 1 |
| 1,4-Difluorobenzene (Surr) | 77 | | 70 - 130 | 05/14/25 18:00 | 05/16/25 03:55 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 05/16/25 03:55 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 05/15/25 08:15 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 08:15 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 08:15 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 08:15 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 95 | | 70 - 130 | 05/14/25 11:00 | 05/15/25 08:15 | 1 |
| o-Terphenyl (Surr) | 95 | | 70 - 130 | 05/14/25 11:00 | 05/15/25 08:15 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 390 | | 9.94 | | mg/Kg | | | 05/15/25 15:05 | 1 |

Client Sample ID: S-5 (5.0')

Lab Sample ID: 880-58112-26

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 04:16 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 04:16 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 04:16 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 04:16 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 04:16 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 04:16 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 90 | | 70 - 130 | 05/14/25 18:00 | 05/16/25 04:16 | 1 |
| 1,4-Difluorobenzene (Surr) | 94 | | 70 - 130 | 05/14/25 18:00 | 05/16/25 04:16 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

Client Sample ID: S-5 (5.0')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-26
 Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 05/16/25 04:16 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 05/15/25 08:33 | 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 | <50.2 | U | 50.2 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 08:33 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 08:33 | 1 |
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 08:33 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 90 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 08:33 | 1 |
| o-Terphenyl (Surr) | 93 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 08:33 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 239 | | 9.92 | | mg/Kg | | | 05/15/25 15:10 | 1 |

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

Lab Sample ID: 880-58112-27
 Matrix: Solid

Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 04:36 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 04:36 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 04:36 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 04:36 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 04:36 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 04:36 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 91 | | 70 - 130 | | | | 05/14/25 18:00 | 05/16/25 04:36 | 1 |
| 1,4-Difluorobenzene (Surr) | 95 | | 70 - 130 | | | | 05/14/25 18:00 | 05/16/25 04:36 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 05/16/25 04:36 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 05/15/25 08:49 | 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 | | 05/14/25 11:00 | 05/15/25 08:49 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 08:49 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-58112-27

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

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 | | 05/14/25 11:00 | 05/15/25 08:49 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 90 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 08:49 | 1 |
| o-Terphenyl (Surr) | 89 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 08:49 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 101 | | 9.96 | | mg/Kg | | | 05/14/25 17:45 | 1 |

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-58112-28

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 04:57 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 04:57 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 04:57 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 04:57 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 04:57 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 04:57 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 93 | | 70 - 130 | | | | 05/14/25 18:00 | 05/16/25 04:57 | 1 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 | | | | 05/14/25 18:00 | 05/16/25 04:57 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 05/16/25 04:57 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 05/15/25 09:05 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 09:05 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 09:05 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 05/14/25 11:00 | 05/15/25 09:05 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 88 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 09:05 | 1 |
| o-Terphenyl (Surr) | 89 | | 70 - 130 | | | | 05/14/25 11:00 | 05/15/25 09:05 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 112 | | 9.90 | | mg/Kg | | | 05/14/25 17:51 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Federal Unit 21HJob ID: 880-58112-1
SDG: Lea County, New Mexico

Client Sample ID: S-6 (2.0')

Lab Sample ID: 880-58112-29

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 05:18 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 05:18 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 05:18 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 05:18 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 05:18 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 05:18 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 94 | | 70 - 130 | 05/14/25 18:00 | 05/16/25 05:18 | 1 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 | 05/14/25 18:00 | 05/16/25 05:18 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 05/16/25 05:18 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 05/15/25 12:01 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 05/14/25 11:12 | 05/15/25 12:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 05/14/25 11:12 | 05/15/25 12:01 | 1 |
| Oil Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 05/14/25 11:12 | 05/15/25 12:01 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 133 | S1+ | 70 - 130 | 05/14/25 11:12 | 05/15/25 12:01 | 1 |
| o-Terphenyl (Surr) | 136 | S1+ | 70 - 130 | 05/14/25 11:12 | 05/15/25 12:01 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 137 | | 10.1 | | mg/Kg | | | 05/14/25 17:58 | 1 |

Client Sample ID: S-6 (3.0')

Lab Sample ID: 880-58112-30

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 05:38 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 05:38 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 05:38 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 05:38 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 05:38 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 05/14/25 18:00 | 05/16/25 05:38 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 91 | | 70 - 130 | 05/14/25 18:00 | 05/16/25 05:38 | 1 |
| 1,4-Difluorobenzene (Surr) | 94 | | 70 - 130 | 05/14/25 18:00 | 05/16/25 05:38 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

Client Sample ID: S-6 (3.0')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-30
 Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 05/16/25 05:38 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 05/15/25 15:14 | 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 | | 05/14/25 11:12 | 05/15/25 15:14 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 05/14/25 11:12 | 05/15/25 15:14 | 1 |
| Oil Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 05/14/25 11:12 | 05/15/25 15:14 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 131 | S1+ | 70 - 130 | 05/14/25 11:12 | 05/15/25 15:14 | 1 |
| o-Terphenyl (Surr) | 134 | S1+ | 70 - 130 | 05/14/25 11:12 | 05/15/25 15:14 | 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 | | | 05/14/25 18:05 | 1 |

Client Sample ID: S-6 (4.0')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-31
 Matrix: Solid

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 05:04 | 1 |
| Toluene | <0.00200 | U * | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 05:04 | 1 |
| Ethylbenzene | <0.00200 | U * | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 05:04 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U * | 0.00401 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 05:04 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 05:04 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 05:04 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 92 | | 70 - 130 | 05/14/25 18:00 | 05/15/25 05:04 | 1 |
| 1,4-Difluorobenzene (Surr) | 97 | | 70 - 130 | 05/14/25 18:00 | 05/15/25 05:04 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 05/15/25 05:04 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 05/15/25 15:29 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 05/14/25 11:12 | 05/15/25 15:29 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 05/14/25 11:12 | 05/15/25 15:29 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

Client Sample ID: S-6 (4.0')
Date Collected: 05/12/25 00:00
Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-31
Matrix: Solid

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 05/14/25 11:12 | 05/15/25 15:29 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 131 | S1+ | 70 - 130 | | | | 05/14/25 11:12 | 05/15/25 15:29 | 1 |
| o-Terphenyl (Surr) | 133 | S1+ | 70 - 130 | | | | 05/14/25 11:12 | 05/15/25 15:29 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 91.4 | | 9.92 | | mg/Kg | | | 05/14/25 18:12 | 1 |

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

Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | |
|----------------------|------------------------|--|-------------------|
| | | BFB1 (70-130) | DFBZ1 (70-130) |
| 880-58110-A-1-C MS | Matrix Spike | 103 | 105 |
| 880-58110-A-1-D MSD | Matrix Spike Duplicate | 105 | 108 |
| 880-58111-A-21-B MS | Matrix Spike | 88 | 107 |
| 880-58111-A-21-C MSD | Matrix Spike Duplicate | 95 | 110 |
| 880-58112-1 | S-1 (0-1.0') | 97 | 105 |
| 880-58112-2 | S-1 (1.5') | 93 | 108 |
| 880-58112-3 | S-1 (2.0') | 91 | 99 |
| 880-58112-4 | S-1 (3.0') | 91 | 99 |
| 880-58112-5 | S-1 (4.0') | 98 | 105 |
| 880-58112-6 | S-2 (0-1.0') | 98 | 108 |
| 880-58112-7 | S-2 (1.5') | 96 | 102 |
| 880-58112-8 | S-2 (2.0') | 101 | 100 |
| 880-58112-9 | S-2 (3.0') | 89 | 105 |
| 880-58112-10 | S-2 (4.0') | 97 | 110 |
| 880-58112-11 | S-3 (0-1.0') | 85 | 95 |
| 880-58112-11 MS | S-3 (0-1.0') | 93 | 80 |
| 880-58112-11 MSD | S-3 (0-1.0') | 103 | 88 |
| 880-58112-12 | S-3 (1.5') | 95 | 100 |
| 880-58112-13 | S-3 (2.0') | 92 | 99 |
| 880-58112-14 | S-3 (3.0') | 89 | 92 |
| 880-58112-15 | S-3 (4.0') | 106 | 89 |
| 880-58112-16 | S-4 (0-1.0') | 90 | 84 |
| 880-58112-17 | S-4 (1.5') | 90 | 98 |
| 880-58112-18 | S-4 (2.0') | 96 | 97 |
| 880-58112-19 | S-4 (3.0') | 89 | 98 |
| 880-58112-20 | S-4 (4.0') | 90 | 94 |
| 880-58112-21 | S-5 (0-1.0') | 397 S1+ | 102 |
| 880-58112-22 | S-5 (1.5') | 91 | 85 |
| 880-58112-23 | S-5 (2.0') | 95 | 86 |
| 880-58112-24 | S-5 (3.0') | 90 | 90 |
| 880-58112-25 | S-5 (4.0') | 95 | 77 |
| 880-58112-26 | S-5 (5.0') | 90 | 94 |
| 880-58112-27 | S-6 (0-1.0') | 91 | 95 |
| 880-58112-28 | S-6 (1.5') | 93 | 98 |
| 880-58112-29 | S-6 (2.0') | 94 | 100 |
| 880-58112-30 | S-6 (3.0') | 91 | 94 |
| 880-58112-31 | S-6 (4.0') | 92 | 97 |
| LCS 880-110113/1-A | Lab Control Sample | 81 | 106 |
| LCS 880-110115/1-A | Lab Control Sample | 107 | 113 |
| LCS 880-110128/1-A | Lab Control Sample | 106 | 102 |
| LCSD 880-110113/2-A | Lab Control Sample Dup | 92 | 112 |
| LCSD 880-110115/2-A | Lab Control Sample Dup | 113 | 99 |
| LCSD 880-110128/2-A | Lab Control Sample Dup | 104 | 99 |
| MB 880-110097/5-A | Method Blank | 88 | 94 |
| MB 880-110113/5-A | Method Blank | 71 | 121 |
| MB 880-110115/5-A | Method Blank | 93 | 98 |
| MB 880-110128/5-A | Method Blank | 85 | 90 |
| MB 880-110188/5-A | Method Blank | 90 | 98 |

Surrogate Legend

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H
 BFB = 4-Bromofluorobenzene (Surr)
 DFBZ = 1,4-Difluorobenzene (Surr)

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

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) |
| 880-58111-A-19-B MS | Matrix Spike | 100 | 99 |
| 880-58111-A-19-C MSD | Matrix Spike Duplicate | 101 | 99 |
| 880-58112-1 | S-1 (0-1.0') | 80 | 83 |
| 880-58112-2 | S-1 (1.5') | 83 | 83 |
| 880-58112-3 | S-1 (2.0') | 84 | 82 |
| 880-58112-4 | S-1 (3.0') | 86 | 83 |
| 880-58112-5 | S-1 (4.0') | 89 | 85 |
| 880-58112-6 | S-2 (0-1.0') | 85 | 87 |
| 880-58112-7 | S-2 (1.5') | 86 | 83 |
| 880-58112-8 | S-2 (2.0') | 83 | 78 |
| 880-58112-9 | S-2 (3.0') | 92 | 85 |
| 880-58112-9 MS | S-2 (3.0') | 84 | 87 |
| 880-58112-9 MSD | S-2 (3.0') | 97 | 86 |
| 880-58112-10 | S-2 (4.0') | 89 | 85 |
| 880-58112-11 | S-3 (0-1.0') | 94 | 89 |
| 880-58112-12 | S-3 (1.5') | 92 | 91 |
| 880-58112-13 | S-3 (2.0') | 87 | 85 |
| 880-58112-14 | S-3 (3.0') | 90 | 84 |
| 880-58112-15 | S-3 (4.0') | 89 | 85 |
| 880-58112-16 | S-4 (0-1.0') | 90 | 93 |
| 880-58112-17 | S-4 (1.5') | 96 | 90 |
| 880-58112-18 | S-4 (2.0') | 104 | 102 |
| 880-58112-19 | S-4 (3.0') | 86 | 84 |
| 880-58112-20 | S-4 (4.0') | 89 | 86 |
| 880-58112-21 | S-5 (0-1.0') | 94 | 115 |
| 880-58112-22 | S-5 (1.5') | 92 | 91 |
| 880-58112-23 | S-5 (2.0') | 92 | 93 |
| 880-58112-24 | S-5 (3.0') | 96 | 96 |
| 880-58112-25 | S-5 (4.0') | 95 | 95 |
| 880-58112-26 | S-5 (5.0') | 90 | 93 |
| 880-58112-27 | S-6 (0-1.0') | 90 | 89 |
| 880-58112-28 | S-6 (1.5') | 88 | 89 |
| 880-58112-29 | S-6 (2.0') | 133 S1+ | 136 S1+ |
| 880-58112-29 MS | S-6 (2.0') | 136 S1+ | 133 S1+ |
| 880-58112-29 MSD | S-6 (2.0') | 118 | 118 |
| 880-58112-30 | S-6 (3.0') | 131 S1+ | 134 S1+ |
| 880-58112-31 | S-6 (4.0') | 131 S1+ | 133 S1+ |
| LCS 880-110110/2-A | Lab Control Sample | 141 S1+ | 133 S1+ |
| LCS 880-110111/2-A | Lab Control Sample | 96 | 98 |
| LCS 880-110116/2-A | Lab Control Sample | 113 | 113 |
| LCSD 880-110110/3-A | Lab Control Sample Dup | 140 S1+ | 133 S1+ |
| LCSD 880-110111/3-A | Lab Control Sample Dup | 113 | 98 |
| LCSD 880-110116/3-A | Lab Control Sample Dup | 97 | 98 |
| MB 880-110110/1-A | Method Blank | 106 | 96 |
| MB 880-110111/1-A | Method Blank | 90 | 89 |
| MB 880-110116/1-A | Method Blank | 98 | 99 |

Surrogate Legend

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit 21H
1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

Job ID: 880-58112-1
SDG: Lea 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: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-110097/5-A
 Matrix: Solid
 Analysis Batch: 110089

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 110097

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 08:43 | 05/14/25 11:10 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 08:43 | 05/14/25 11:10 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 08:43 | 05/14/25 11:10 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 05/14/25 08:43 | 05/14/25 11:10 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 08:43 | 05/14/25 11:10 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 05/14/25 08:43 | 05/14/25 11:10 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 88 | | 70 - 130 | 05/14/25 08:43 | 05/14/25 11:10 | 1 |
| 1,4-Difluorobenzene (Surr) | 94 | | 70 - 130 | 05/14/25 08:43 | 05/14/25 11:10 | 1 |

Lab Sample ID: MB 880-110113/5-A
 Matrix: Solid
 Analysis Batch: 110227

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 110113

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 11:07 | 05/15/25 15:14 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 11:07 | 05/15/25 15:14 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 11:07 | 05/15/25 15:14 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 05/14/25 11:07 | 05/15/25 15:14 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 11:07 | 05/15/25 15:14 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 05/14/25 11:07 | 05/15/25 15:14 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 71 | | 70 - 130 | 05/14/25 11:07 | 05/15/25 15:14 | 1 |
| 1,4-Difluorobenzene (Surr) | 121 | | 70 - 130 | 05/14/25 11:07 | 05/15/25 15:14 | 1 |

Lab Sample ID: LCS 880-110113/1-A
 Matrix: Solid
 Analysis Batch: 110227

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 110113

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|-------------|------------|---------------|-------|---|------|-------------|
| Benzene | 0.100 | 0.08596 | | mg/Kg | | 86 | 70 - 130 |
| Toluene | 0.100 | 0.08236 | | mg/Kg | | 82 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.08007 | | mg/Kg | | 80 | 70 - 130 |
| m-Xylene & p-Xylene | 0.200 | 0.1671 | | mg/Kg | | 84 | 70 - 130 |
| o-Xylene | 0.100 | 0.08273 | | mg/Kg | | 83 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 81 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 106 | | 70 - 130 |

Lab Sample ID: LCSD 880-110113/2-A
 Matrix: Solid
 Analysis Batch: 110227

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 110113

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Benzene | 0.100 | 0.09399 | | mg/Kg | | 94 | 70 - 130 | 9 | 35 |

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-110113/2-A
 Matrix: Solid
 Analysis Batch: 110227

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 110113

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Toluene | 0.100 | 0.08956 | | mg/Kg | | 90 | 70 - 130 | 8 | 35 |
| Ethylbenzene | 0.100 | 0.08986 | | mg/Kg | | 90 | 70 - 130 | 12 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.1907 | | mg/Kg | | 95 | 70 - 130 | 13 | 35 |
| o-Xylene | 0.100 | 0.09439 | | mg/Kg | | 94 | 70 - 130 | 13 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|-----------------------------|----------------|----------------|----------|
| 4-Bromofluorobenzene (Surr) | 92 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 112 | | 70 - 130 |

Lab Sample ID: 880-58111-A-21-B MS
 Matrix: Solid
 Analysis Batch: 110227

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 110113

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Benzene | <0.00200 | U F1 | 0.100 | 0.06584 | F1 | mg/Kg | | 66 | 70 - 130 |
| Toluene | <0.00200 | U F1 | 0.100 | 0.05168 | F1 | mg/Kg | | 52 | 70 - 130 |
| Ethylbenzene | <0.00200 | U F1 | 0.100 | 0.04342 | F1 | mg/Kg | | 43 | 70 - 130 |
| m-Xylene & p-Xylene | <0.00399 | U F1 | 0.200 | 0.09267 | F1 | mg/Kg | | 46 | 70 - 130 |
| o-Xylene | <0.00200 | U F1 | 0.100 | 0.04819 | F1 | mg/Kg | | 48 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|-----------------------------|--------------|--------------|----------|
| 4-Bromofluorobenzene (Surr) | 88 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 107 | | 70 - 130 |

Lab Sample ID: 880-58111-A-21-C MSD
 Matrix: Solid
 Analysis Batch: 110227

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 110113

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Benzene | <0.00200 | U F1 | 0.100 | 0.06383 | F1 | mg/Kg | | 64 | 70 - 130 | 3 | 35 |
| Toluene | <0.00200 | U F1 | 0.100 | 0.05135 | F1 | mg/Kg | | 51 | 70 - 130 | 1 | 35 |
| Ethylbenzene | <0.00200 | U F1 | 0.100 | 0.04336 | F1 | mg/Kg | | 43 | 70 - 130 | 0 | 35 |
| m-Xylene & p-Xylene | <0.00399 | U F1 | 0.200 | 0.09325 | F1 | mg/Kg | | 47 | 70 - 130 | 1 | 35 |
| o-Xylene | <0.00200 | U F1 | 0.100 | 0.04819 | F1 | mg/Kg | | 48 | 70 - 130 | 0 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 95 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 110 | | 70 - 130 |

Lab Sample ID: MB 880-110115/5-A
 Matrix: Solid
 Analysis Batch: 110185

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 110115

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 21:43 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 21:43 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 21:43 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 21:43 | 1 |

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-110115/5-A
 Matrix: Solid
 Analysis Batch: 110185

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 110115

| Analyte | MB MB | | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 21:43 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 05/14/25 18:00 | 05/15/25 21:43 | 1 |

| Surrogate | MB MB | | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| 4-Bromofluorobenzene (Surr) | 93 | | 70 - 130 | 05/14/25 18:00 | 05/15/25 21:43 | 1 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 | 05/14/25 18:00 | 05/15/25 21:43 | 1 |

Lab Sample ID: LCS 880-110115/1-A
 Matrix: Solid
 Analysis Batch: 110185

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 110115

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|-------------|------------|---------------|-------|---|------|-------------|
| | | | | | | | |
| Toluene | 0.100 | 0.08370 | | mg/Kg | | 84 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.09436 | | mg/Kg | | 94 | 70 - 130 |
| m-Xylene & p-Xylene | 0.200 | 0.1818 | | mg/Kg | | 91 | 70 - 130 |
| o-Xylene | 0.100 | 0.08979 | | mg/Kg | | 90 | 70 - 130 |

| Surrogate | LCS LCS | | Limits |
|-----------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 4-Bromofluorobenzene (Surr) | 107 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 113 | | 70 - 130 |

Lab Sample ID: LCSD 880-110115/2-A
 Matrix: Solid
 Analysis Batch: 110185

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 110115

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | Limit |
|---------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-------|
| | | | | | | | | | |
| Toluene | 0.100 | 0.08671 | | mg/Kg | | 87 | 70 - 130 | 4 | 35 |
| Ethylbenzene | 0.100 | 0.08809 | | mg/Kg | | 88 | 70 - 130 | 7 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.2049 | | mg/Kg | | 102 | 70 - 130 | 12 | 35 |
| o-Xylene | 0.100 | 0.1011 | | mg/Kg | | 101 | 70 - 130 | 12 | 35 |

| Surrogate | LCSD LCSD | | Limits |
|-----------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 4-Bromofluorobenzene (Surr) | 113 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 |

Lab Sample ID: 880-58112-11 MS
 Matrix: Solid
 Analysis Batch: 110185

Client Sample ID: S-3 (0-1.0')
 Prep Type: Total/NA
 Prep Batch: 110115

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| | | | | | | | | | |
| Toluene | <0.00200 | U F2 F1 | 0.100 | 0.05229 | F1 | mg/Kg | | 52 | 70 - 130 |
| Ethylbenzene | <0.00200 | U F2 F1 | 0.100 | 0.04397 | F1 | mg/Kg | | 44 | 70 - 130 |
| m-Xylene & p-Xylene | <0.00399 | U F2 F1 | 0.200 | 0.08532 | F1 | mg/Kg | | 43 | 70 - 130 |
| o-Xylene | <0.00200 | U F2 F1 | 0.100 | 0.04761 | F1 | mg/Kg | | 48 | 70 - 130 |

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-58112-11 MS
 Matrix: Solid
 Analysis Batch: 110185

Client Sample ID: S-3 (0-1.0')
 Prep Type: Total/NA
 Prep Batch: 110115

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|-----------------------------|--------------|--------------|----------|
| 4-Bromofluorobenzene (Surr) | 93 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 80 | | 70 - 130 |

Lab Sample ID: 880-58112-11 MSD
 Matrix: Solid
 Analysis Batch: 110185

Client Sample ID: S-3 (0-1.0')
 Prep Type: Total/NA
 Prep Batch: 110115

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Benzene | <0.00200 | U F1 | 0.100 | 0.04443 | F1 | mg/Kg | | 44 | 70 - 130 | 21 | 35 |
| Toluene | <0.00200 | U F2 F1 | 0.100 | 0.03047 | F2 F1 | mg/Kg | | 30 | 70 - 130 | 53 | 35 |
| Ethylbenzene | <0.00200 | U F2 F1 | 0.100 | 0.01663 | F2 F1 | mg/Kg | | 17 | 70 - 130 | 90 | 35 |
| m-Xylene & p-Xylene | <0.00399 | U F2 F1 | 0.200 | 0.03260 | F2 F1 | mg/Kg | | 16 | 70 - 130 | 89 | 35 |
| o-Xylene | <0.00200 | U F2 F1 | 0.100 | 0.02262 | F2 F1 | mg/Kg | | 23 | 70 - 130 | 71 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 103 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 88 | | 70 - 130 |

Lab Sample ID: MB 880-110128/5-A
 Matrix: Solid
 Analysis Batch: 110089

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 110128

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 11:47 | 05/14/25 21:50 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 11:47 | 05/14/25 21:50 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 11:47 | 05/14/25 21:50 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 05/14/25 11:47 | 05/14/25 21:50 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/14/25 11:47 | 05/14/25 21:50 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 05/14/25 11:47 | 05/14/25 21:50 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 85 | | 70 - 130 | 05/14/25 11:47 | 05/14/25 21:50 | 1 |
| 1,4-Difluorobenzene (Surr) | 90 | | 70 - 130 | 05/14/25 11:47 | 05/14/25 21:50 | 1 |

Lab Sample ID: LCS 880-110128/1-A
 Matrix: Solid
 Analysis Batch: 110089

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 110128

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|-------------|------------|---------------|-------|---|------|-------------|
| Benzene | 0.100 | 0.07097 | | mg/Kg | | 71 | 70 - 130 |
| Toluene | 0.100 | 0.06565 | * | mg/Kg | | 66 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.06730 | * | mg/Kg | | 67 | 70 - 130 |
| m-Xylene & p-Xylene | 0.200 | 0.1329 | * | mg/Kg | | 66 | 70 - 130 |
| o-Xylene | 0.100 | 0.07694 | | mg/Kg | | 77 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 106 | | 70 - 130 |

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-110128/1-A
Matrix: Solid
Analysis Batch: 110089

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110128

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

Lab Sample ID: LCSD 880-110128/2-A
Matrix: Solid
Analysis Batch: 110089

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 110128

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
|---------------------|-------------|-------------|----------------|-------|---|------|----------|-----|-------|
| Benzene | 0.100 | 0.07362 | | mg/Kg | | 74 | 70 - 130 | 4 | 35 |
| Toluene | 0.100 | 0.06767 | *- | mg/Kg | | 68 | 70 - 130 | 3 | 35 |
| Ethylbenzene | 0.100 | 0.07145 | | mg/Kg | | 71 | 70 - 130 | 6 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.1538 | | mg/Kg | | 77 | 70 - 130 | 15 | 35 |
| o-Xylene | 0.100 | 0.07728 | | mg/Kg | | 77 | 70 - 130 | 0 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|-----------------------------|----------------|----------------|----------|
| 4-Bromofluorobenzene (Surr) | 104 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 |

Lab Sample ID: 880-58110-A-1-C MS
Matrix: Solid
Analysis Batch: 110089

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 110128

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | Limits |
|---------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|----------|
| Benzene | <0.00200 | U | 0.100 | 0.08590 | | mg/Kg | | 86 | 70 - 130 |
| Toluene | <0.00200 | U *- | 0.100 | 0.07666 | | mg/Kg | | 77 | 70 - 130 |
| Ethylbenzene | <0.00200 | U *- | 0.100 | 0.07871 | | mg/Kg | | 79 | 70 - 130 |
| m-Xylene & p-Xylene | <0.00399 | U *- | 0.200 | 0.1400 | | mg/Kg | | 70 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.100 | 0.07135 | | mg/Kg | | 71 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|-----------------------------|--------------|--------------|----------|
| 4-Bromofluorobenzene (Surr) | 103 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 105 | | 70 - 130 |

Lab Sample ID: 880-58110-A-1-D MSD
Matrix: Solid
Analysis Batch: 110089

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 110128

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
|---------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|----------|-----|-------|
| Benzene | <0.00200 | U | 0.100 | 0.08218 | | mg/Kg | | 82 | 70 - 130 | 4 | 35 |
| Toluene | <0.00200 | U *- | 0.100 | 0.07310 | | mg/Kg | | 73 | 70 - 130 | 5 | 35 |
| Ethylbenzene | <0.00200 | U *- | 0.100 | 0.08133 | | mg/Kg | | 81 | 70 - 130 | 3 | 35 |
| m-Xylene & p-Xylene | <0.00399 | U *- | 0.200 | 0.1410 | | mg/Kg | | 71 | 70 - 130 | 1 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.07215 | | mg/Kg | | 72 | 70 - 130 | 1 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 105 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 108 | | 70 - 130 |

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-110188/5-A
 Matrix: Solid
 Analysis Batch: 110185

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 110188

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 11:05 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 11:05 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 11:05 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 11:05 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 11:05 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 11:05 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 90 | | 70 - 130 | 05/15/25 08:29 | 05/15/25 11:05 | 1 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 | 05/15/25 08:29 | 05/15/25 11:05 | 1 |

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

Lab Sample ID: MB 880-110110/1-A
 Matrix: Solid
 Analysis Batch: 110103

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 110110

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|--------------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 05/14/25 10:55 | 05/14/25 18:13 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 05/14/25 10:55 | 05/14/25 18:13 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 05/14/25 10:55 | 05/14/25 18:13 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|--------------|--------------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 106 | | 70 - 130 | 05/14/25 10:55 | 05/14/25 18:13 | 1 |
| o-Terphenyl (Surr) | 96 | | 70 - 130 | 05/14/25 10:55 | 05/14/25 18:13 | 1 |

Lab Sample ID: LCS 880-110110/2-A
 Matrix: Solid
 Analysis Batch: 110103

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 110110

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------------|-------------|------------|---------------|-------|---|------|-------------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 1153 | | mg/Kg | | 115 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 1177 | | mg/Kg | | 118 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|-----------------------|---------------|---------------|----------|
| 1-Chlorooctane (Surr) | 141 | S1+ | 70 - 130 |
| o-Terphenyl (Surr) | 133 | S1+ | 70 - 130 |

Lab Sample ID: LCSD 880-110110/3-A
 Matrix: Solid
 Analysis Batch: 110103

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 110110

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 1145 | | mg/Kg | | 114 | 70 - 130 | 1 | 20 |

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-110110/3-A
Matrix: Solid
Analysis Batch: 110103

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 110110

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|------------------|-----------------------|----------------|-------|---|------|-------------|-----|-----------|
| Diesel Range Organics (Over C10-C28) | 1000 | 1187 | | mg/Kg | | 119 | 70 - 130 | 1 | 20 |
| Surrogate | %Recovery | LCSD Qualifier | Limits | | | | | | |
| 1-Chlorooctane (Surr) | 140 | S1+ | 70 - 130 | | | | | | |
| o-Terphenyl (Surr) | 133 | S1+ | 70 - 130 | | | | | | |

Lab Sample ID: 880-58111-A-19-B MS
Matrix: Solid
Analysis Batch: 110103

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 110110

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|------------------|---------------------|---------------|-----------|--------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 999 | 912.2 | | mg/Kg | | 91 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 999 | 947.4 | | mg/Kg | | 95 | 70 - 130 | | |
| Surrogate | %Recovery | MS Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane (Surr) | 100 | | 70 - 130 | | | | | | | | |
| o-Terphenyl (Surr) | 99 | | 70 - 130 | | | | | | | | |

Lab Sample ID: 880-58111-A-19-C MSD
Matrix: Solid
Analysis Batch: 110103

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 110110

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|------------------|----------------------|---------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 999 | 902.3 | | mg/Kg | | 90 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 999 | 959.5 | | mg/Kg | | 96 | 70 - 130 | 1 | 20 |
| Surrogate | %Recovery | MSD Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane (Surr) | 101 | | 70 - 130 | | | | | | | | |
| o-Terphenyl (Surr) | 99 | | 70 - 130 | | | | | | | | |

Lab Sample ID: MB 880-110111/1-A
Matrix: Solid
Analysis Batch: 110103

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 110111

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|------------------|---------------------|---------------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 05/14/25 10:59 | 05/15/25 02:16 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 05/14/25 10:59 | 05/15/25 02:16 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 05/14/25 10:59 | 05/15/25 02:16 | 1 |
| Surrogate | %Recovery | MB Qualifier | Limits | | | | | | |
| 1-Chlorooctane (Surr) | 90 | | 70 - 130 | | | | | | |
| o-Terphenyl (Surr) | 89 | | 70 - 130 | | | | | | |

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-110111/2-A
Matrix: Solid
Analysis Batch: 110103

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110111

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | |
|--------------------------------------|-------------|------------------|------------------|---------------|---|------|-------------|-------|
| | | | | | | | Lower | Upper |
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 793.6 | | mg/Kg | | 79 | 70 | 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 822.0 | | mg/Kg | | 82 | 70 | 130 |
| | | LCS | LCS | | | | | |
| Surrogate | | %Recovery | Qualifier | Limits | | | | |
| 1-Chlorooctane (Surr) | | 96 | | 70 - 130 | | | | |
| o-Terphenyl (Surr) | | 98 | | 70 - 130 | | | | |

Lab Sample ID: LCSD 880-110111/3-A
Matrix: Solid
Analysis Batch: 110103

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 110111

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | | RPD Limit | |
|--------------------------------------|-------------|------------------|------------------|---------------|---|------|-------------|-------|-----------|-------|
| | | | | | | | Lower | Upper | RPD | Limit |
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 764.6 | | mg/Kg | | 76 | 70 | 130 | 4 | 20 |
| Diesel Range Organics (Over C10-C28) | 1000 | 785.5 | | mg/Kg | | 79 | 70 | 130 | 5 | 20 |
| | | LCSD | LCSD | | | | | | | |
| Surrogate | | %Recovery | Qualifier | Limits | | | | | | |
| 1-Chlorooctane (Surr) | | 113 | | 70 - 130 | | | | | | |
| o-Terphenyl (Surr) | | 98 | | 70 - 130 | | | | | | |

Lab Sample ID: 880-58112-9 MS
Matrix: Solid
Analysis Batch: 110103

Client Sample ID: S-2 (3.0')
Prep Type: Total/NA
Prep Batch: 110111

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | |
|--------------------------------------|---------------|------------------|------------------|---------------|--------------|-------|---|------|-------------|-------|
| | | | | | | | | | Lower | Upper |
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U F1 | 999 | 698.0 | | mg/Kg | | 70 | 70 | 130 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 999 | 813.5 | | mg/Kg | | 81 | 70 | 130 |
| | | MS | MS | | | | | | | |
| Surrogate | | %Recovery | Qualifier | Limits | | | | | | |
| 1-Chlorooctane (Surr) | | 84 | | 70 - 130 | | | | | | |
| o-Terphenyl (Surr) | | 87 | | 70 - 130 | | | | | | |

Lab Sample ID: 880-58112-9 MSD
Matrix: Solid
Analysis Batch: 110103

Client Sample ID: S-2 (3.0')
Prep Type: Total/NA
Prep Batch: 110111

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | | RPD Limit | |
|--------------------------------------|---------------|------------------|------------------|---------------|---------------|-------|---|------|-------------|-------|-----------|-------|
| | | | | | | | | | Lower | Upper | RPD | Limit |
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U F1 | 999 | 633.3 | F1 | mg/Kg | | 63 | 70 | 130 | 10 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 999 | 754.9 | | mg/Kg | | 76 | 70 | 130 | 7 | 20 |
| | | MSD | MSD | | | | | | | | | |
| Surrogate | | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane (Surr) | | 97 | | 70 - 130 | | | | | | | | |

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-58112-9 MSD
Matrix: Solid
Analysis Batch: 110103

Client Sample ID: S-2 (3.0')
Prep Type: Total/NA
Prep Batch: 110111

| Surrogate | MSD MSD | | Limits |
|----------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| <i>o</i> -Terphenyl (Surr) | 86 | | 70 - 130 |

Lab Sample ID: MB 880-110116/1-A
Matrix: Solid
Analysis Batch: 110221

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 110116

| 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 | | 05/14/25 11:12 | 05/15/25 07:47 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 05/14/25 11:12 | 05/15/25 07:47 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 05/14/25 11:12 | 05/15/25 07:47 | 1 |

| Surrogate | MB MB | | Limits | Prepared | Analyzed | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| <i>1</i> -Chlorooctane (Surr) | 98 | | 70 - 130 | 05/14/25 11:12 | 05/15/25 07:47 | 1 |
| <i>o</i> -Terphenyl (Surr) | 99 | | 70 - 130 | 05/14/25 11:12 | 05/15/25 07:47 | 1 |

Lab Sample ID: LCS 880-110116/2-A
Matrix: Solid
Analysis Batch: 110221

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110116

| Analyte | Spike Added | LCS LCS | | Unit | D | %Rec | %Rec Limits |
|--------------------------------------|-------------|---------|-----------|-------|---|------|-------------|
| | | Result | Qualifier | | | | |
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 965.7 | | mg/Kg | | 97 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 1051 | | mg/Kg | | 105 | 70 - 130 |

| Surrogate | LCS LCS | | Limits |
|-------------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| <i>1</i> -Chlorooctane (Surr) | 113 | | 70 - 130 |
| <i>o</i> -Terphenyl (Surr) | 113 | | 70 - 130 |

Lab Sample ID: LCSD 880-110116/3-A
Matrix: Solid
Analysis Batch: 110221

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 110116

| Analyte | Spike Added | LCSD LCSD | | Unit | D | %Rec | %Rec Limits | RPD | |
|--------------------------------------|-------------|-----------|-----------|-------|---|------|-------------|-----|-------|
| | | Result | Qualifier | | | | | RPD | Limit |
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 823.1 | | mg/Kg | | 82 | 70 - 130 | 16 | 20 |
| Diesel Range Organics (Over C10-C28) | 1000 | 896.5 | | mg/Kg | | 90 | 70 - 130 | 16 | 20 |

| Surrogate | LCSD LCSD | | Limits |
|-------------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| <i>1</i> -Chlorooctane (Surr) | 97 | | 70 - 130 |
| <i>o</i> -Terphenyl (Surr) | 98 | | 70 - 130 |

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-58112-29 MS
 Matrix: Solid
 Analysis Batch: 110221

Client Sample ID: S-6 (2.0')
 Prep Type: Total/NA
 Prep Batch: 110116

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | |
|--------------------------------------|------------------|------------------|---------------|-----------|--------------|-------|---|------|-------------|--|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 1000 | 973.6 | | mg/Kg | | 97 | 70 - 130 | |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 1000 | 924.1 | | mg/Kg | | 91 | 70 - 130 | |
| | | | | MS | MS | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | |
| 1-Chlorooctane (Surr) | 136 | S1+ | 70 - 130 | | | | | | | |
| o-Terphenyl (Surr) | 133 | S1+ | 70 - 130 | | | | | | | |

Lab Sample ID: 880-58112-29 MSD
 Matrix: Solid
 Analysis Batch: 110221

Client Sample ID: S-6 (2.0')
 Prep Type: Total/NA
 Prep Batch: 110116

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|------------------|------------------|---------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 1000 | 853.3 | | mg/Kg | | 85 | 70 - 130 | 13 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 1000 | 807.4 | | mg/Kg | | 79 | 70 - 130 | 13 | 20 |
| | | | | MSD | MSD | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane (Surr) | 118 | | 70 - 130 | | | | | | | | |
| o-Terphenyl (Surr) | 118 | | 70 - 130 | | | | | | | | |

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-110118/1-A
 Matrix: Solid
 Analysis Batch: 110138

Client Sample ID: Method Blank
 Prep Type: Soluble

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|-----------|--------------|------|-----|-------|---|----------|----------------|---------|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 05/14/25 14:48 | 1 |

Lab Sample ID: LCS 880-110118/2-A
 Matrix: Solid
 Analysis Batch: 110138

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|-------|---|------|-------------|
| Chloride | 250 | 258.2 | | mg/Kg | | 103 | 90 - 110 |

Lab Sample ID: LCSD 880-110118/3-A
 Matrix: Solid
 Analysis Batch: 110138

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 | 258.0 | | mg/Kg | | 103 | 90 - 110 | 0 | 20 |

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-8151-A-1-D MS
Matrix: Solid
Analysis Batch: 110138

Client Sample ID: Matrix Spike
Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Chloride | 537 | | 249 | 806.7 | | mg/Kg | | 108 | 90 - 110 |

Lab Sample ID: 890-8151-A-1-E MSD
Matrix: Solid
Analysis Batch: 110138

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 537 | | 249 | 794.6 | | mg/Kg | | 103 | 90 - 110 | 2 | 20 |

Lab Sample ID: MB 880-110124/1-A
Matrix: Solid
Analysis Batch: 110199

Client Sample ID: Method Blank
Prep Type: Soluble

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|-----------|--------------|------|-----|-------|---|----------|----------------|---------|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 05/15/25 11:44 | 1 |

Lab Sample ID: LCS 880-110124/2-A
Matrix: Solid
Analysis Batch: 110199

Client Sample ID: Lab Control Sample
Prep Type: Soluble

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|-------|---|------|-------------|
| Chloride | 250 | 250.7 | | mg/Kg | | 100 | 90 - 110 |

Lab Sample ID: LCSD 880-110124/3-A
Matrix: Solid
Analysis Batch: 110199

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 | 253.0 | | mg/Kg | | 101 | 90 - 110 | 1 | 20 |

Lab Sample ID: 880-58103-A-2-C MS
Matrix: Solid
Analysis Batch: 110199

Client Sample ID: Matrix Spike
Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Chloride | 126 | | 252 | 398.3 | | mg/Kg | | 108 | 90 - 110 |

Lab Sample ID: 880-58103-A-2-D MSD
Matrix: Solid
Analysis Batch: 110199

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 126 | | 252 | 401.3 | | mg/Kg | | 109 | 90 - 110 | 1 | 20 |

Lab Sample ID: MB 880-110125/1-A
Matrix: Solid
Analysis Batch: 110219

Client Sample ID: Method Blank
Prep Type: Soluble

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|-----------|--------------|------|-----|-------|---|----------|----------------|---------|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 05/15/25 12:35 | 1 |

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-110125/2-A
Matrix: Solid
Analysis Batch: 110219

Client Sample ID: Lab Control Sample
Prep Type: Soluble

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|-------|---|------|-------------|
| Chloride | 250 | 242.1 | | mg/Kg | | 97 | 90 - 110 |

Lab Sample ID: LCSD 880-110125/3-A
Matrix: Solid
Analysis Batch: 110219

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 | 242.4 | | mg/Kg | | 97 | 90 - 110 | 0 | 20 |

Lab Sample ID: 880-58112-7 MS
Matrix: Solid
Analysis Batch: 110219

Client Sample ID: S-2 (1.5')
Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Chloride | 11.3 | F1 | 248 | 375.1 | F1 | mg/Kg | | 147 | 90 - 110 |

Lab Sample ID: 880-58112-7 MSD
Matrix: Solid
Analysis Batch: 110219

Client Sample ID: S-2 (1.5')
Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 11.3 | F1 | 248 | 376.6 | F1 | mg/Kg | | 147 | 90 - 110 | 0 | 20 |

Lab Sample ID: 880-58112-17 MS
Matrix: Solid
Analysis Batch: 110219

Client Sample ID: S-4 (1.5')
Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Chloride | 112 | | 253 | 384.3 | | mg/Kg | | 108 | 90 - 110 |

Lab Sample ID: 880-58112-17 MSD
Matrix: Solid
Analysis Batch: 110219

Client Sample ID: S-4 (1.5')
Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 112 | | 253 | 384.6 | | mg/Kg | | 108 | 90 - 110 | 0 | 20 |

QC Association Summary

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 110089

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 880-58112-31 | S-6 (4.0') | Total/NA | Solid | 8021B | 110128 |
| MB 880-110097/5-A | Method Blank | Total/NA | Solid | 8021B | 110097 |
| MB 880-110128/5-A | Method Blank | Total/NA | Solid | 8021B | 110128 |
| LCS 880-110128/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 110128 |
| LCSD 880-110128/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 110128 |
| 880-58110-A-1-C MS | Matrix Spike | Total/NA | Solid | 8021B | 110128 |
| 880-58110-A-1-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 110128 |

Prep Batch: 110097

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| MB 880-110097/5-A | Method Blank | Total/NA | Solid | 5035 | |

Prep Batch: 110113

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| 880-58112-1 | S-1 (0-1.0') | Total/NA | Solid | 5035 | |
| 880-58112-2 | S-1 (1.5') | Total/NA | Solid | 5035 | |
| 880-58112-3 | S-1 (2.0') | Total/NA | Solid | 5035 | |
| 880-58112-4 | S-1 (3.0') | Total/NA | Solid | 5035 | |
| 880-58112-5 | S-1 (4.0') | Total/NA | Solid | 5035 | |
| 880-58112-6 | S-2 (0-1.0') | Total/NA | Solid | 5035 | |
| 880-58112-7 | S-2 (1.5') | Total/NA | Solid | 5035 | |
| 880-58112-8 | S-2 (2.0') | Total/NA | Solid | 5035 | |
| 880-58112-9 | S-2 (3.0') | Total/NA | Solid | 5035 | |
| 880-58112-10 | S-2 (4.0') | Total/NA | Solid | 5035 | |
| MB 880-110113/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-110113/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-110113/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-58111-A-21-B MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 880-58111-A-21-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

Prep Batch: 110115

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 880-58112-11 | S-3 (0-1.0') | Total/NA | Solid | 5035 | |
| 880-58112-12 | S-3 (1.5') | Total/NA | Solid | 5035 | |
| 880-58112-13 | S-3 (2.0') | Total/NA | Solid | 5035 | |
| 880-58112-14 | S-3 (3.0') | Total/NA | Solid | 5035 | |
| 880-58112-15 | S-3 (4.0') | Total/NA | Solid | 5035 | |
| 880-58112-16 | S-4 (0-1.0') | Total/NA | Solid | 5035 | |
| 880-58112-17 | S-4 (1.5') | Total/NA | Solid | 5035 | |
| 880-58112-18 | S-4 (2.0') | Total/NA | Solid | 5035 | |
| 880-58112-19 | S-4 (3.0') | Total/NA | Solid | 5035 | |
| 880-58112-20 | S-4 (4.0') | Total/NA | Solid | 5035 | |
| 880-58112-21 | S-5 (0-1.0') | Total/NA | Solid | 5035 | |
| 880-58112-22 | S-5 (1.5') | Total/NA | Solid | 5035 | |
| 880-58112-23 | S-5 (2.0') | Total/NA | Solid | 5035 | |
| 880-58112-24 | S-5 (3.0') | Total/NA | Solid | 5035 | |
| 880-58112-25 | S-5 (4.0') | Total/NA | Solid | 5035 | |
| 880-58112-26 | S-5 (5.0') | Total/NA | Solid | 5035 | |
| 880-58112-27 | S-6 (0-1.0') | Total/NA | Solid | 5035 | |
| 880-58112-28 | S-6 (1.5') | Total/NA | Solid | 5035 | |
| 880-58112-29 | S-6 (2.0') | Total/NA | Solid | 5035 | |

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 110115 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 880-58112-30 | S-6 (3.0') | Total/NA | Solid | 5035 | |
| MB 880-110115/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-110115/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-110115/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-58112-11 MS | S-3 (0-1.0') | Total/NA | Solid | 5035 | |
| 880-58112-11 MSD | S-3 (0-1.0') | Total/NA | Solid | 5035 | |

Prep Batch: 110128

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 880-58112-31 | S-6 (4.0') | Total/NA | Solid | 5035 | |
| MB 880-110128/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-110128/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-110128/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-58110-A-1-C MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 880-58110-A-1-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

Analysis Batch: 110185

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 880-58112-11 | S-3 (0-1.0') | Total/NA | Solid | 8021B | 110115 |
| 880-58112-12 | S-3 (1.5') | Total/NA | Solid | 8021B | 110115 |
| 880-58112-13 | S-3 (2.0') | Total/NA | Solid | 8021B | 110115 |
| 880-58112-14 | S-3 (3.0') | Total/NA | Solid | 8021B | 110115 |
| 880-58112-15 | S-3 (4.0') | Total/NA | Solid | 8021B | 110115 |
| 880-58112-16 | S-4 (0-1.0') | Total/NA | Solid | 8021B | 110115 |
| 880-58112-17 | S-4 (1.5') | Total/NA | Solid | 8021B | 110115 |
| 880-58112-18 | S-4 (2.0') | Total/NA | Solid | 8021B | 110115 |
| 880-58112-19 | S-4 (3.0') | Total/NA | Solid | 8021B | 110115 |
| 880-58112-20 | S-4 (4.0') | Total/NA | Solid | 8021B | 110115 |
| 880-58112-21 | S-5 (0-1.0') | Total/NA | Solid | 8021B | 110115 |
| 880-58112-22 | S-5 (1.5') | Total/NA | Solid | 8021B | 110115 |
| 880-58112-23 | S-5 (2.0') | Total/NA | Solid | 8021B | 110115 |
| 880-58112-24 | S-5 (3.0') | Total/NA | Solid | 8021B | 110115 |
| 880-58112-25 | S-5 (4.0') | Total/NA | Solid | 8021B | 110115 |
| 880-58112-26 | S-5 (5.0') | Total/NA | Solid | 8021B | 110115 |
| 880-58112-27 | S-6 (0-1.0') | Total/NA | Solid | 8021B | 110115 |
| 880-58112-28 | S-6 (1.5') | Total/NA | Solid | 8021B | 110115 |
| 880-58112-29 | S-6 (2.0') | Total/NA | Solid | 8021B | 110115 |
| 880-58112-30 | S-6 (3.0') | Total/NA | Solid | 8021B | 110115 |
| MB 880-110115/5-A | Method Blank | Total/NA | Solid | 8021B | 110115 |
| MB 880-110188/5-A | Method Blank | Total/NA | Solid | 8021B | 110188 |
| LCS 880-110115/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 110115 |
| LCSD 880-110115/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 110115 |
| 880-58112-11 MS | S-3 (0-1.0') | Total/NA | Solid | 8021B | 110115 |
| 880-58112-11 MSD | S-3 (0-1.0') | Total/NA | Solid | 8021B | 110115 |

Prep Batch: 110188

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| MB 880-110188/5-A | Method Blank | Total/NA | Solid | 5035 | |

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 110207

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 880-58112-1 | S-1 (0-1.0') | Total/NA | Solid | Total BTEX | |
| 880-58112-2 | S-1 (1.5') | Total/NA | Solid | Total BTEX | |
| 880-58112-3 | S-1 (2.0') | Total/NA | Solid | Total BTEX | |
| 880-58112-4 | S-1 (3.0') | Total/NA | Solid | Total BTEX | |
| 880-58112-5 | S-1 (4.0') | Total/NA | Solid | Total BTEX | |
| 880-58112-6 | S-2 (0-1.0') | Total/NA | Solid | Total BTEX | |
| 880-58112-7 | S-2 (1.5') | Total/NA | Solid | Total BTEX | |
| 880-58112-8 | S-2 (2.0') | Total/NA | Solid | Total BTEX | |
| 880-58112-9 | S-2 (3.0') | Total/NA | Solid | Total BTEX | |
| 880-58112-10 | S-2 (4.0') | Total/NA | Solid | Total BTEX | |
| 880-58112-11 | S-3 (0-1.0') | Total/NA | Solid | Total BTEX | |
| 880-58112-12 | S-3 (1.5') | Total/NA | Solid | Total BTEX | |
| 880-58112-13 | S-3 (2.0') | Total/NA | Solid | Total BTEX | |
| 880-58112-14 | S-3 (3.0') | Total/NA | Solid | Total BTEX | |
| 880-58112-15 | S-3 (4.0') | Total/NA | Solid | Total BTEX | |
| 880-58112-16 | S-4 (0-1.0') | Total/NA | Solid | Total BTEX | |
| 880-58112-17 | S-4 (1.5') | Total/NA | Solid | Total BTEX | |
| 880-58112-18 | S-4 (2.0') | Total/NA | Solid | Total BTEX | |
| 880-58112-19 | S-4 (3.0') | Total/NA | Solid | Total BTEX | |
| 880-58112-20 | S-4 (4.0') | Total/NA | Solid | Total BTEX | |
| 880-58112-21 | S-5 (0-1.0') | Total/NA | Solid | Total BTEX | |
| 880-58112-22 | S-5 (1.5') | Total/NA | Solid | Total BTEX | |
| 880-58112-23 | S-5 (2.0') | Total/NA | Solid | Total BTEX | |
| 880-58112-24 | S-5 (3.0') | Total/NA | Solid | Total BTEX | |
| 880-58112-25 | S-5 (4.0') | Total/NA | Solid | Total BTEX | |
| 880-58112-26 | S-5 (5.0') | Total/NA | Solid | Total BTEX | |
| 880-58112-27 | S-6 (0-1.0') | Total/NA | Solid | Total BTEX | |
| 880-58112-28 | S-6 (1.5') | Total/NA | Solid | Total BTEX | |
| 880-58112-29 | S-6 (2.0') | Total/NA | Solid | Total BTEX | |
| 880-58112-30 | S-6 (3.0') | Total/NA | Solid | Total BTEX | |
| 880-58112-31 | S-6 (4.0') | Total/NA | Solid | Total BTEX | |

Analysis Batch: 110227

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| 880-58112-1 | S-1 (0-1.0') | Total/NA | Solid | 8021B | 110113 |
| 880-58112-2 | S-1 (1.5') | Total/NA | Solid | 8021B | 110113 |
| 880-58112-3 | S-1 (2.0') | Total/NA | Solid | 8021B | 110113 |
| 880-58112-4 | S-1 (3.0') | Total/NA | Solid | 8021B | 110113 |
| 880-58112-5 | S-1 (4.0') | Total/NA | Solid | 8021B | 110113 |
| 880-58112-6 | S-2 (0-1.0') | Total/NA | Solid | 8021B | 110113 |
| 880-58112-7 | S-2 (1.5') | Total/NA | Solid | 8021B | 110113 |
| 880-58112-8 | S-2 (2.0') | Total/NA | Solid | 8021B | 110113 |
| 880-58112-9 | S-2 (3.0') | Total/NA | Solid | 8021B | 110113 |
| 880-58112-10 | S-2 (4.0') | Total/NA | Solid | 8021B | 110113 |
| MB 880-110113/5-A | Method Blank | Total/NA | Solid | 8021B | 110113 |
| LCS 880-110113/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 110113 |
| LCSD 880-110113/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 110113 |
| 880-58111-A-21-B MS | Matrix Spike | Total/NA | Solid | 8021B | 110113 |
| 880-58111-A-21-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 110113 |

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

GC Semi VOA

Analysis Batch: 110103

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|----------|------------|
| 880-58112-1 | S-1 (0-1.0') | Total/NA | Solid | 8015B NM | 110110 |
| 880-58112-2 | S-1 (1.5') | Total/NA | Solid | 8015B NM | 110110 |
| 880-58112-3 | S-1 (2.0') | Total/NA | Solid | 8015B NM | 110110 |
| 880-58112-4 | S-1 (3.0') | Total/NA | Solid | 8015B NM | 110110 |
| 880-58112-5 | S-1 (4.0') | Total/NA | Solid | 8015B NM | 110110 |
| 880-58112-6 | S-2 (0-1.0') | Total/NA | Solid | 8015B NM | 110110 |
| 880-58112-7 | S-2 (1.5') | Total/NA | Solid | 8015B NM | 110110 |
| 880-58112-8 | S-2 (2.0') | Total/NA | Solid | 8015B NM | 110110 |
| 880-58112-9 | S-2 (3.0') | Total/NA | Solid | 8015B NM | 110111 |
| 880-58112-10 | S-2 (4.0') | Total/NA | Solid | 8015B NM | 110111 |
| 880-58112-11 | S-3 (0-1.0') | Total/NA | Solid | 8015B NM | 110111 |
| 880-58112-12 | S-3 (1.5') | Total/NA | Solid | 8015B NM | 110111 |
| 880-58112-13 | S-3 (2.0') | Total/NA | Solid | 8015B NM | 110111 |
| 880-58112-14 | S-3 (3.0') | Total/NA | Solid | 8015B NM | 110111 |
| 880-58112-15 | S-3 (4.0') | Total/NA | Solid | 8015B NM | 110111 |
| 880-58112-16 | S-4 (0-1.0') | Total/NA | Solid | 8015B NM | 110111 |
| 880-58112-17 | S-4 (1.5') | Total/NA | Solid | 8015B NM | 110111 |
| 880-58112-18 | S-4 (2.0') | Total/NA | Solid | 8015B NM | 110111 |
| 880-58112-19 | S-4 (3.0') | Total/NA | Solid | 8015B NM | 110111 |
| 880-58112-20 | S-4 (4.0') | Total/NA | Solid | 8015B NM | 110111 |
| 880-58112-21 | S-5 (0-1.0') | Total/NA | Solid | 8015B NM | 110111 |
| 880-58112-22 | S-5 (1.5') | Total/NA | Solid | 8015B NM | 110111 |
| 880-58112-23 | S-5 (2.0') | Total/NA | Solid | 8015B NM | 110111 |
| 880-58112-24 | S-5 (3.0') | Total/NA | Solid | 8015B NM | 110111 |
| 880-58112-25 | S-5 (4.0') | Total/NA | Solid | 8015B NM | 110111 |
| 880-58112-26 | S-5 (5.0') | Total/NA | Solid | 8015B NM | 110111 |
| 880-58112-27 | S-6 (0-1.0') | Total/NA | Solid | 8015B NM | 110111 |
| 880-58112-28 | S-6 (1.5') | Total/NA | Solid | 8015B NM | 110111 |
| MB 880-110110/1-A | Method Blank | Total/NA | Solid | 8015B NM | 110110 |
| MB 880-110111/1-A | Method Blank | Total/NA | Solid | 8015B NM | 110111 |
| LCS 880-110110/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 110110 |
| LCS 880-110111/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 110111 |
| LCS 880-110110/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 110110 |
| LCS 880-110111/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 110111 |
| 880-58111-A-19-B MS | Matrix Spike | Total/NA | Solid | 8015B NM | 110110 |
| 880-58111-A-19-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 110110 |
| 880-58112-9 MS | S-2 (3.0') | Total/NA | Solid | 8015B NM | 110111 |
| 880-58112-9 MSD | S-2 (3.0') | Total/NA | Solid | 8015B NM | 110111 |

Prep Batch: 110110

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|-------------|------------|
| 880-58112-1 | S-1 (0-1.0') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-2 | S-1 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-3 | S-1 (2.0') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-4 | S-1 (3.0') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-5 | S-1 (4.0') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-6 | S-2 (0-1.0') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-7 | S-2 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-8 | S-2 (2.0') | Total/NA | Solid | 8015NM Prep | |
| MB 880-110110/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-110110/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 110110 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|-------------|------------|
| LCSD 880-110110/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-58111-A-19-B MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-58111-A-19-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

Prep Batch: 110111

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|-------------|------------|
| 880-58112-9 | S-2 (3.0') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-10 | S-2 (4.0') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-11 | S-3 (0-1.0') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-12 | S-3 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-13 | S-3 (2.0') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-14 | S-3 (3.0') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-15 | S-3 (4.0') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-16 | S-4 (0-1.0') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-17 | S-4 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-18 | S-4 (2.0') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-19 | S-4 (3.0') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-20 | S-4 (4.0') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-21 | S-5 (0-1.0') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-22 | S-5 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-23 | S-5 (2.0') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-24 | S-5 (3.0') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-25 | S-5 (4.0') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-26 | S-5 (5.0') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-27 | S-6 (0-1.0') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-28 | S-6 (1.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-110111/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-110111/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-110111/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-58112-9 MS | S-2 (3.0') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-9 MSD | S-2 (3.0') | Total/NA | Solid | 8015NM Prep | |

Prep Batch: 110116

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|-------------|------------|
| 880-58112-29 | S-6 (2.0') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-30 | S-6 (3.0') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-31 | S-6 (4.0') | Total/NA | Solid | 8015NM Prep | |
| MB 880-110116/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-110116/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-110116/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-58112-29 MS | S-6 (2.0') | Total/NA | Solid | 8015NM Prep | |
| 880-58112-29 MSD | S-6 (2.0') | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 110221

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-58112-29 | S-6 (2.0') | Total/NA | Solid | 8015B NM | 110116 |
| 880-58112-30 | S-6 (3.0') | Total/NA | Solid | 8015B NM | 110116 |
| 880-58112-31 | S-6 (4.0') | Total/NA | Solid | 8015B NM | 110116 |
| MB 880-110116/1-A | Method Blank | Total/NA | Solid | 8015B NM | 110116 |
| LCS 880-110116/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 110116 |
| LCSD 880-110116/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 110116 |

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 110221 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|----------|------------|
| 880-58112-29 MS | S-6 (2.0') | Total/NA | Solid | 8015B NM | 110116 |
| 880-58112-29 MSD | S-6 (2.0') | Total/NA | Solid | 8015B NM | 110116 |

Analysis Batch: 110233

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 880-58112-1 | S-1 (0-1.0') | Total/NA | Solid | 8015 NM | |
| 880-58112-2 | S-1 (1.5') | Total/NA | Solid | 8015 NM | |
| 880-58112-3 | S-1 (2.0') | Total/NA | Solid | 8015 NM | |
| 880-58112-4 | S-1 (3.0') | Total/NA | Solid | 8015 NM | |
| 880-58112-5 | S-1 (4.0') | Total/NA | Solid | 8015 NM | |
| 880-58112-6 | S-2 (0-1.0') | Total/NA | Solid | 8015 NM | |
| 880-58112-7 | S-2 (1.5') | Total/NA | Solid | 8015 NM | |
| 880-58112-8 | S-2 (2.0') | Total/NA | Solid | 8015 NM | |
| 880-58112-9 | S-2 (3.0') | Total/NA | Solid | 8015 NM | |
| 880-58112-10 | S-2 (4.0') | Total/NA | Solid | 8015 NM | |
| 880-58112-11 | S-3 (0-1.0') | Total/NA | Solid | 8015 NM | |
| 880-58112-12 | S-3 (1.5') | Total/NA | Solid | 8015 NM | |
| 880-58112-13 | S-3 (2.0') | Total/NA | Solid | 8015 NM | |
| 880-58112-14 | S-3 (3.0') | Total/NA | Solid | 8015 NM | |
| 880-58112-15 | S-3 (4.0') | Total/NA | Solid | 8015 NM | |
| 880-58112-16 | S-4 (0-1.0') | Total/NA | Solid | 8015 NM | |
| 880-58112-17 | S-4 (1.5') | Total/NA | Solid | 8015 NM | |
| 880-58112-18 | S-4 (2.0') | Total/NA | Solid | 8015 NM | |
| 880-58112-19 | S-4 (3.0') | Total/NA | Solid | 8015 NM | |
| 880-58112-20 | S-4 (4.0') | Total/NA | Solid | 8015 NM | |
| 880-58112-21 | S-5 (0-1.0') | Total/NA | Solid | 8015 NM | |
| 880-58112-22 | S-5 (1.5') | Total/NA | Solid | 8015 NM | |
| 880-58112-23 | S-5 (2.0') | Total/NA | Solid | 8015 NM | |
| 880-58112-24 | S-5 (3.0') | Total/NA | Solid | 8015 NM | |
| 880-58112-25 | S-5 (4.0') | Total/NA | Solid | 8015 NM | |
| 880-58112-26 | S-5 (5.0') | Total/NA | Solid | 8015 NM | |
| 880-58112-27 | S-6 (0-1.0') | Total/NA | Solid | 8015 NM | |
| 880-58112-28 | S-6 (1.5') | Total/NA | Solid | 8015 NM | |
| 880-58112-29 | S-6 (2.0') | Total/NA | Solid | 8015 NM | |
| 880-58112-30 | S-6 (3.0') | Total/NA | Solid | 8015 NM | |
| 880-58112-31 | S-6 (4.0') | Total/NA | Solid | 8015 NM | |

HPLC/IC

Leach Batch: 110118

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-58112-27 | S-6 (0-1.0') | Soluble | Solid | DI Leach | |
| 880-58112-28 | S-6 (1.5') | Soluble | Solid | DI Leach | |
| 880-58112-29 | S-6 (2.0') | Soluble | Solid | DI Leach | |
| 880-58112-30 | S-6 (3.0') | Soluble | Solid | DI Leach | |
| 880-58112-31 | S-6 (4.0') | Soluble | Solid | DI Leach | |
| MB 880-110118/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-110118/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-110118/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 890-8151-A-1-D MS | Matrix Spike | Soluble | Solid | DI Leach | |
| 890-8151-A-1-E MSD | Matrix Spike Duplicate | Soluble | Solid | DI Leach | |

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

HPLC/IC

Leach Batch: 110124

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-58112-1 | S-1 (0-1.0') | Soluble | Solid | DI Leach | |
| 880-58112-2 | S-1 (1.5') | Soluble | Solid | DI Leach | |
| 880-58112-3 | S-1 (2.0') | Soluble | Solid | DI Leach | |
| 880-58112-4 | S-1 (3.0') | Soluble | Solid | DI Leach | |
| 880-58112-5 | S-1 (4.0') | Soluble | Solid | DI Leach | |
| 880-58112-6 | S-2 (0-1.0') | Soluble | Solid | DI Leach | |
| MB 880-110124/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-110124/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-110124/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-58103-A-2-C MS | Matrix Spike | Soluble | Solid | DI Leach | |
| 880-58103-A-2-D MSD | Matrix Spike Duplicate | Soluble | Solid | DI Leach | |

Leach Batch: 110125

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-58112-7 | S-2 (1.5') | Soluble | Solid | DI Leach | |
| 880-58112-8 | S-2 (2.0') | Soluble | Solid | DI Leach | |
| 880-58112-9 | S-2 (3.0') | Soluble | Solid | DI Leach | |
| 880-58112-10 | S-2 (4.0') | Soluble | Solid | DI Leach | |
| 880-58112-11 | S-3 (0-1.0') | Soluble | Solid | DI Leach | |
| 880-58112-12 | S-3 (1.5') | Soluble | Solid | DI Leach | |
| 880-58112-13 | S-3 (2.0') | Soluble | Solid | DI Leach | |
| 880-58112-14 | S-3 (3.0') | Soluble | Solid | DI Leach | |
| 880-58112-15 | S-3 (4.0') | Soluble | Solid | DI Leach | |
| 880-58112-16 | S-4 (0-1.0') | Soluble | Solid | DI Leach | |
| 880-58112-17 | S-4 (1.5') | Soluble | Solid | DI Leach | |
| 880-58112-18 | S-4 (2.0') | Soluble | Solid | DI Leach | |
| 880-58112-19 | S-4 (3.0') | Soluble | Solid | DI Leach | |
| 880-58112-20 | S-4 (4.0') | Soluble | Solid | DI Leach | |
| 880-58112-21 | S-5 (0-1.0') | Soluble | Solid | DI Leach | |
| 880-58112-22 | S-5 (1.5') | Soluble | Solid | DI Leach | |
| 880-58112-23 | S-5 (2.0') | Soluble | Solid | DI Leach | |
| 880-58112-24 | S-5 (3.0') | Soluble | Solid | DI Leach | |
| 880-58112-25 | S-5 (4.0') | Soluble | Solid | DI Leach | |
| 880-58112-26 | S-5 (5.0') | Soluble | Solid | DI Leach | |
| MB 880-110125/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-110125/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-110125/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-58112-7 MS | S-2 (1.5') | Soluble | Solid | DI Leach | |
| 880-58112-7 MSD | S-2 (1.5') | Soluble | Solid | DI Leach | |
| 880-58112-17 MS | S-4 (1.5') | Soluble | Solid | DI Leach | |
| 880-58112-17 MSD | S-4 (1.5') | Soluble | Solid | DI Leach | |

Analysis Batch: 110138

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 880-58112-27 | S-6 (0-1.0') | Soluble | Solid | 300.0 | 110118 |
| 880-58112-28 | S-6 (1.5') | Soluble | Solid | 300.0 | 110118 |
| 880-58112-29 | S-6 (2.0') | Soluble | Solid | 300.0 | 110118 |
| 880-58112-30 | S-6 (3.0') | Soluble | Solid | 300.0 | 110118 |
| 880-58112-31 | S-6 (4.0') | Soluble | Solid | 300.0 | 110118 |
| MB 880-110118/1-A | Method Blank | Soluble | Solid | 300.0 | 110118 |
| LCS 880-110118/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 110118 |

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 110138 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| LCSD 880-110118/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 110118 |
| 890-8151-A-1-D MS | Matrix Spike | Soluble | Solid | 300.0 | 110118 |
| 890-8151-A-1-E MSD | Matrix Spike Duplicate | Soluble | Solid | 300.0 | 110118 |

Analysis Batch: 110199

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 880-58112-1 | S-1 (0-1.0') | Soluble | Solid | 300.0 | 110124 |
| 880-58112-2 | S-1 (1.5') | Soluble | Solid | 300.0 | 110124 |
| 880-58112-3 | S-1 (2.0') | Soluble | Solid | 300.0 | 110124 |
| 880-58112-4 | S-1 (3.0') | Soluble | Solid | 300.0 | 110124 |
| 880-58112-5 | S-1 (4.0') | Soluble | Solid | 300.0 | 110124 |
| 880-58112-6 | S-2 (0-1.0') | Soluble | Solid | 300.0 | 110124 |
| MB 880-110124/1-A | Method Blank | Soluble | Solid | 300.0 | 110124 |
| LCS 880-110124/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 110124 |
| LCSD 880-110124/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 110124 |
| 880-58103-A-2-C MS | Matrix Spike | Soluble | Solid | 300.0 | 110124 |
| 880-58103-A-2-D MSD | Matrix Spike Duplicate | Soluble | Solid | 300.0 | 110124 |

Analysis Batch: 110219

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 880-58112-7 | S-2 (1.5') | Soluble | Solid | 300.0 | 110125 |
| 880-58112-8 | S-2 (2.0') | Soluble | Solid | 300.0 | 110125 |
| 880-58112-9 | S-2 (3.0') | Soluble | Solid | 300.0 | 110125 |
| 880-58112-10 | S-2 (4.0') | Soluble | Solid | 300.0 | 110125 |
| 880-58112-11 | S-3 (0-1.0') | Soluble | Solid | 300.0 | 110125 |
| 880-58112-12 | S-3 (1.5') | Soluble | Solid | 300.0 | 110125 |
| 880-58112-13 | S-3 (2.0') | Soluble | Solid | 300.0 | 110125 |
| 880-58112-14 | S-3 (3.0') | Soluble | Solid | 300.0 | 110125 |
| 880-58112-15 | S-3 (4.0') | Soluble | Solid | 300.0 | 110125 |
| 880-58112-16 | S-4 (0-1.0') | Soluble | Solid | 300.0 | 110125 |
| 880-58112-17 | S-4 (1.5') | Soluble | Solid | 300.0 | 110125 |
| 880-58112-18 | S-4 (2.0') | Soluble | Solid | 300.0 | 110125 |
| 880-58112-19 | S-4 (3.0') | Soluble | Solid | 300.0 | 110125 |
| 880-58112-20 | S-4 (4.0') | Soluble | Solid | 300.0 | 110125 |
| 880-58112-21 | S-5 (0-1.0') | Soluble | Solid | 300.0 | 110125 |
| 880-58112-22 | S-5 (1.5') | Soluble | Solid | 300.0 | 110125 |
| 880-58112-23 | S-5 (2.0') | Soluble | Solid | 300.0 | 110125 |
| 880-58112-24 | S-5 (3.0') | Soluble | Solid | 300.0 | 110125 |
| 880-58112-25 | S-5 (4.0') | Soluble | Solid | 300.0 | 110125 |
| 880-58112-26 | S-5 (5.0') | Soluble | Solid | 300.0 | 110125 |
| MB 880-110125/1-A | Method Blank | Soluble | Solid | 300.0 | 110125 |
| LCS 880-110125/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 110125 |
| LCSD 880-110125/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 110125 |
| 880-58112-7 MS | S-2 (1.5') | Soluble | Solid | 300.0 | 110125 |
| 880-58112-7 MSD | S-2 (1.5') | Soluble | Solid | 300.0 | 110125 |
| 880-58112-17 MS | S-4 (1.5') | Soluble | Solid | 300.0 | 110125 |
| 880-58112-17 MSD | S-4 (1.5') | Soluble | Solid | 300.0 | 110125 |

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-58112-1

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 110113 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110227 | 05/15/25 20:02 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/15/25 20:02 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/14/25 23:03 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10 mL | 110110 | 05/14/25 10:55 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/14/25 23:03 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 110124 | 05/14/25 05:00 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 110199 | 05/15/25 14:34 | SMC | EET MID |

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-58112-2

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

| 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 | 110113 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110227 | 05/15/25 20:23 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/15/25 20:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/14/25 23:19 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.96 g | 10 mL | 110110 | 05/14/25 10:55 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/14/25 23:19 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 110124 | 05/14/25 05:00 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110199 | 05/15/25 14:41 | SMC | EET MID |

Client Sample ID: S-1 (2.0')

Lab Sample ID: 880-58112-3

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 110113 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110227 | 05/15/25 20:43 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/15/25 20:43 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/14/25 23:35 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 110110 | 05/14/25 10:55 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/14/25 23:35 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 110124 | 05/14/25 05:00 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110199 | 05/15/25 14:47 | SMC | EET MID |

Client Sample ID: S-1 (3.0')

Lab Sample ID: 880-58112-4

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

| 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 | 110113 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110227 | 05/15/25 21:03 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/15/25 21:03 | SM | EET MID |

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

Client Sample ID: S-1 (3.0')
Date Collected: 05/12/25 00:00
Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-4
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 | | | 110233 | 05/14/25 23:51 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 110110 | 05/14/25 10:55 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/14/25 23:51 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 110124 | 05/14/25 05:00 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110199 | 05/15/25 14:54 | SMC | EET MID |

Client Sample ID: S-1 (4.0')
Date Collected: 05/12/25 00:00
Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-5
Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 110113 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110227 | 05/15/25 21:24 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/15/25 21:24 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/15/25 00:07 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 110110 | 05/14/25 10:55 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/15/25 00:07 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 110124 | 05/14/25 05:00 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110199 | 05/15/25 15:01 | SMC | EET MID |

Client Sample ID: S-2 (0-1.0')
Date Collected: 05/12/25 00:00
Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-6
Matrix: Solid

| 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 | 110113 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110227 | 05/15/25 21:44 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/15/25 21:44 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/15/25 00:23 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10 mL | 110110 | 05/14/25 10:55 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/15/25 00:23 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 110124 | 05/14/25 05:00 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110199 | 05/15/25 15:08 | SMC | EET MID |

Client Sample ID: S-2 (1.5')
Date Collected: 05/12/25 00:00
Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-7
Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 110113 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110227 | 05/15/25 22:05 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/15/25 22:05 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/15/25 00:39 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10 mL | 110110 | 05/14/25 10:55 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/15/25 00:39 | TKC | EET MID |

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

Client Sample ID: S-2 (1.5')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-7
 Matrix: Solid

| 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 | 110125 | 05/14/25 11:34 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110219 | 05/15/25 12:50 | SMC | EET MID |

Client Sample ID: S-2 (2.0')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-8
 Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 110113 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110227 | 05/15/25 22:25 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/15/25 22:25 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/15/25 00:55 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 110110 | 05/14/25 10:55 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/15/25 00:55 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 110125 | 05/14/25 11:34 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110219 | 05/15/25 13:06 | SMC | EET MID |

Client Sample ID: S-2 (3.0')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-9
 Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 110113 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110227 | 05/15/25 22:46 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/15/25 22:46 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/15/25 03:05 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10 mL | 110111 | 05/14/25 11:00 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/15/25 03:05 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 110125 | 05/14/25 11:34 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110219 | 05/15/25 13:11 | SMC | EET MID |

Client Sample ID: S-2 (4.0')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-10
 Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 110113 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110227 | 05/15/25 23:06 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/15/25 23:06 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/15/25 03:53 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10 mL | 110111 | 05/14/25 11:00 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/15/25 03:53 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 110125 | 05/14/25 11:34 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110219 | 05/15/25 13:16 | SMC | EET MID |

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-58112-11

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

| 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 | 110115 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110185 | 05/15/25 22:04 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/15/25 22:04 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/15/25 04:10 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10 mL | 110111 | 05/14/25 11:00 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/15/25 04:10 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 110125 | 05/14/25 11:34 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110219 | 05/15/25 13:22 | SMC | EET MID |

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-58112-12

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

| 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 | 110115 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110185 | 05/15/25 22:25 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/15/25 22:25 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/15/25 04:26 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 110111 | 05/14/25 11:00 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/15/25 04:26 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 110125 | 05/14/25 11:34 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110219 | 05/15/25 13:37 | SMC | EET MID |

Client Sample ID: S-3 (2.0')

Lab Sample ID: 880-58112-13

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

| 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 | 110115 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110185 | 05/15/25 22:45 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/15/25 22:45 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/15/25 04:44 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 110111 | 05/14/25 11:00 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/15/25 04:44 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 110125 | 05/14/25 11:34 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110219 | 05/15/25 13:42 | SMC | EET MID |

Client Sample ID: S-3 (3.0')

Lab Sample ID: 880-58112-14

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 110115 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110185 | 05/15/25 23:06 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/15/25 23:06 | SM | EET MID |

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

Client Sample ID: S-3 (3.0')
Date Collected: 05/12/25 00:00
Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-14
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 | | | 110233 | 05/15/25 05:00 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 110111 | 05/14/25 11:00 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/15/25 05:00 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 110125 | 05/14/25 11:34 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110219 | 05/15/25 13:48 | SMC | EET MID |

Client Sample ID: S-3 (4.0')
Date Collected: 05/12/25 00:00
Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-15
Matrix: Solid

| 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 | 110115 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110185 | 05/15/25 23:27 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/15/25 23:27 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/15/25 05:17 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 110111 | 05/14/25 11:00 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/15/25 05:17 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 110125 | 05/14/25 11:34 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110219 | 05/15/25 13:53 | SMC | EET MID |

Client Sample ID: S-4 (0-1.0')
Date Collected: 05/12/25 00:00
Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-16
Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.04 g | 5 mL | 110115 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110185 | 05/15/25 23:47 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/15/25 23:47 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/15/25 05:32 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 110111 | 05/14/25 11:00 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/15/25 05:32 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 110125 | 05/14/25 11:34 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110219 | 05/15/25 13:58 | SMC | EET MID |

Client Sample ID: S-4 (1.5')
Date Collected: 05/12/25 00:00
Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-17
Matrix: Solid

| 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 | 110115 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110185 | 05/16/25 00:08 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/16/25 00:08 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/15/25 05:49 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 110111 | 05/14/25 11:00 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/15/25 05:49 | TKC | EET MID |

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

Client Sample ID: S-4 (1.5')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-17
 Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 110125 | 05/14/25 11:34 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110219 | 05/15/25 14:03 | SMC | EET MID |

Client Sample ID: S-4 (2.0')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-18
 Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 110115 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110185 | 05/16/25 00:28 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/16/25 00:28 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/15/25 06:05 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10 mL | 110111 | 05/14/25 11:00 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/15/25 06:05 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 110125 | 05/14/25 11:34 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110219 | 05/15/25 14:19 | SMC | EET MID |

Client Sample ID: S-4 (3.0')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-19
 Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 110115 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110185 | 05/16/25 00:49 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/16/25 00:49 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/15/25 06:37 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 110111 | 05/14/25 11:00 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/15/25 06:37 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 110125 | 05/14/25 11:34 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110219 | 05/15/25 14:24 | SMC | EET MID |

Client Sample ID: S-4 (4.0')
 Date Collected: 05/12/25 00:00
 Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-20
 Matrix: Solid

| 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 | 110115 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110185 | 05/16/25 01:09 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/16/25 01:09 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/15/25 06:54 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 110111 | 05/14/25 11:00 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/15/25 06:54 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 110125 | 05/14/25 11:34 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110219 | 05/15/25 14:39 | SMC | EET MID |

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-58112-21

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 110115 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110185 | 05/16/25 02:33 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/16/25 02:33 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/15/25 07:10 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 110111 | 05/14/25 11:00 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/15/25 07:10 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 110125 | 05/14/25 11:34 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110219 | 05/15/25 14:45 | SMC | EET MID |

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-58112-22

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

| 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 | 110115 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110185 | 05/16/25 02:54 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/16/25 02:54 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/15/25 07:27 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10 mL | 110111 | 05/14/25 11:00 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/15/25 07:27 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 110125 | 05/14/25 11:34 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110219 | 05/15/25 14:50 | SMC | EET MID |

Client Sample ID: S-5 (2.0')

Lab Sample ID: 880-58112-23

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 110115 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110185 | 05/16/25 03:14 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/16/25 03:14 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/15/25 07:42 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10 mL | 110111 | 05/14/25 11:00 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/15/25 07:42 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 110125 | 05/14/25 11:34 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110219 | 05/15/25 14:55 | SMC | EET MID |

Client Sample ID: S-5 (3.0')

Lab Sample ID: 880-58112-24

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

| 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 | 110115 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110185 | 05/16/25 03:35 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/16/25 03:35 | SM | EET MID |

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

Client Sample ID: S-5 (3.0')

Lab Sample ID: 880-58112-24

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

| 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 | | | 110233 | 05/15/25 08:00 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 110111 | 05/14/25 11:00 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/15/25 08:00 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 110125 | 05/14/25 11:34 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110219 | 05/15/25 15:00 | SMC | EET MID |

Client Sample ID: S-5 (4.0')

Lab Sample ID: 880-58112-25

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 110115 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110185 | 05/16/25 03:55 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/16/25 03:55 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/15/25 08:15 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 110111 | 05/14/25 11:00 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/15/25 08:15 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 110125 | 05/14/25 11:34 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110219 | 05/15/25 15:05 | SMC | EET MID |

Client Sample ID: S-5 (5.0')

Lab Sample ID: 880-58112-26

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

| 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 | 110115 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110185 | 05/16/25 04:16 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/16/25 04:16 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/15/25 08:33 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10 mL | 110111 | 05/14/25 11:00 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/15/25 08:33 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 110125 | 05/14/25 11:34 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110219 | 05/15/25 15:10 | SMC | EET MID |

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

Lab Sample ID: 880-58112-27

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 110115 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110185 | 05/16/25 04:36 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/16/25 04:36 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/15/25 08:49 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 110111 | 05/14/25 11:00 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/15/25 08:49 | TKC | EET MID |

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-58112-27

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 110118 | 05/14/25 11:22 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110138 | 05/14/25 17:45 | CH | EET MID |

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-58112-28

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 110115 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110185 | 05/16/25 04:57 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/16/25 04:57 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/15/25 09:05 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 110111 | 05/14/25 11:00 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110103 | 05/15/25 09:05 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 110118 | 05/14/25 11:22 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110138 | 05/14/25 17:51 | CH | EET MID |

Client Sample ID: S-6 (2.0')

Lab Sample ID: 880-58112-29

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 110115 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110185 | 05/16/25 05:18 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/16/25 05:18 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/15/25 12:01 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 110116 | 05/14/25 11:12 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110221 | 05/15/25 12:01 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 110118 | 05/14/25 11:22 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110138 | 05/14/25 17:58 | CH | EET MID |

Client Sample ID: S-6 (3.0')

Lab Sample ID: 880-58112-30

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:03

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 110115 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110185 | 05/16/25 05:38 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/16/25 05:38 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/15/25 15:14 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.07 g | 10 mL | 110116 | 05/14/25 11:12 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110221 | 05/15/25 15:14 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 110118 | 05/14/25 11:22 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110138 | 05/14/25 18:05 | CH | EET MID |

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

Client Sample ID: S-6 (4.0')
Date Collected: 05/12/25 00:00
Date Received: 05/13/25 17:03

Lab Sample ID: 880-58112-31
Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 110128 | 05/14/25 18:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110089 | 05/15/25 05:04 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110207 | 05/15/25 05:04 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110233 | 05/15/25 15:29 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 110116 | 05/14/25 11:12 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110221 | 05/15/25 15:29 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 110118 | 05/14/25 11:22 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110138 | 05/14/25 18:12 | 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: Lea Federal Unit 21H

Job ID: 880-58112-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

| Authority | Program | Identification Number | Expiration Date |
|---|-------------|-----------------------|-----------------|
| Texas | NELAP | T104704400 | 06-30-25 |
| 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: Lea Federal Unit 21H

Job ID: 880-58112-1
SDG: Lea County, New Mexico

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

Protocol References:

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

Laboratory References:

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



Sample Summary

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58112-1
 SDG: Lea County, New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---------------|------------------|--------|----------------|----------------|
| 880-58112-1 | S-1 (0-1.0') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-2 | S-1 (1.5') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-3 | S-1 (2.0') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-4 | S-1 (3.0') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-5 | S-1 (4.0') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-6 | S-2 (0-1.0') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-7 | S-2 (1.5') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-8 | S-2 (2.0') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-9 | S-2 (3.0') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-10 | S-2 (4.0') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-11 | S-3 (0-1.0') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-12 | S-3 (1.5') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-13 | S-3 (2.0') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-14 | S-3 (3.0') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-15 | S-3 (4.0') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-16 | S-4 (0-1.0') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-17 | S-4 (1.5') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-18 | S-4 (2.0') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-19 | S-4 (3.0') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-20 | S-4 (4.0') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-21 | S-5 (0-1.0') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-22 | S-5 (1.5') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-23 | S-5 (2.0') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-24 | S-5 (3.0') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-25 | S-5 (4.0') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-26 | S-5 (5.0') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-27 | S-6 (0-1.0') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-28 | S-6 (1.5') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-29 | S-6 (2.0') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-30 | S-6 (3.0') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |
| 880-58112-31 | S-6 (4.0') | Solid | 05/12/25 00:00 | 05/13/25 17:03 |

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

Chain of Custody



880-58112 Chain of Custody

4

Project Manager: Ashton Thielke
Company Name: Carmona Resources
Address: 310 W Wall St Ste 500
 Midland, TX 79701
City, State ZIP: Midland, TX 79701
Phone: 432-813-8988
Email: laci.luig@coterra.com & ashton.thielke@coterra.com

Bill to: (if different)
Company Name: Cimarex Energy
Address: 600 N Marlenfield St, Suite 600
 Midland, TX 79701

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

Project Name: Lea Federal Unit 21H
Project Number: 2716
Project Location: Lea County, New Mexico
Sampler's Name: JR
PO #:

Turn Around
 Routine Rush
Due Date: Standard

SAMPLE RECEIPT
 Received Intact: Yes No Yes No
 Cooler Custody Seals: Yes No N/A
 Sample Custody Seals: Yes No N/A
 Total Containers: 1.0

Thermometer ID: 12.0
Correction Factor: 0.1
Temperature Reading: 1.3
Corrected Temperature: 1.0

Wet Ice: Yes No

ANALYSIS REQUEST

| Sample Identification | Date | Time | Soil | Water | Grab/Comp | # of Cont | Pres. Code | Parameters |
|-----------------------|-----------|------|------|-------|-----------|-----------|------------|--|
| S-1 (0-1.0') | 5/12/2025 | | X | | G | 1 | | BTX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 300.0 pH |
| S-1 (1.5') | 5/12/2025 | | X | | G | 1 | | |
| S-1 (2.0') | 5/12/2025 | | X | | G | 1 | | |
| S-1 (3.0') | 5/12/2025 | | X | | G | 1 | | |
| S-1 (4.0') | 5/12/2025 | | X | | G | 1 | | |
| S-2 (0-1.0') | 5/12/2025 | | X | | G | 1 | | |
| S-2 (1.5') | 5/12/2025 | | X | | G | 1 | | |
| S-2 (2.0') | 5/12/2025 | | X | | G | 1 | | |
| S-2 (3.0') | 5/12/2025 | | X | | G | 1 | | |
| S-2 (4.0') | 5/12/2025 | | X | | G | 1 | | |

Preservative Codes
 None: NO DI Water: H₂O
 Cool: Cool MeOH: Me
 HCL: HC HNO₃: HN
 H₂SO₄: H₂ NaOH: Na
 H₃PO₄: HP
 NaHSO₄: NABIS
 Na₂S₂O₃: NaSO₃
 Zn Acetate+NaOH: Zn
 NaOH+Ascorbic Acid: SACP

Comments:

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

Received by: (Signature) *[Signature]* Date/Time 5.12.25 1703



Chain of Custody

Work Order No: _____

Page 2 of 4

| | | | |
|------------------|-----------------------|-------------------------|--|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Laci Luig |
| Company Name: | Carmona Resources | Company Name: | Cimarex Energy |
| Address: | 310 W Wall St Ste 500 | Address: | 600 N Marrenfield St, Suite 600 |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | Midland, TX 79701 |
| Phone: | 432-813-8988 | Email: | laci.luig@coterra.com & ashton.thielke@coterra.com |

Work Order Comments

Program: UST/PST PRP Rowfields RRC Iperfund

State of Project: Level II Level III ST/UST RRP Level IV

Deliverables: EDD ADAPT Other: _____

| | | | |
|------------------|------------------------|---|------------|
| Project Name: | Lea Federal Unit 21H | Turn Around | Pres. Code |
| Project Number: | 2716 | <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush | |
| Project Location | Lea County, New Mexico | Due Date: | |
| Sampler's Name: | JR | | |
| PO #: | | | |

ANALYSIS REQUEST

None: NO
Cool: Cool
HCL: HC
H₂SO₄: H₂
H₃PO₄: HP
NaHSO₄: NABIS
Na₂S₂O₃: NaSO₃
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

| Sample Identification | Date | Time | Soil | Water | Grab/Comp | # of Cont | Parameters | |
|-----------------------|-----------|------|------|-------|-----------|-----------|------------|----|
| | | | | | | | Yes | No |
| S-3 (0-1.0') | 5/12/2025 | | X | | G | 1 | | |
| S-3 (1.5') | 5/12/2025 | | X | | G | 1 | | |
| S-3 (2.0') | 5/12/2025 | | X | | G | 1 | | |
| S-3 (3.0') | 5/12/2025 | | X | | G | 1 | | |
| S-3 (4.0') | 5/12/2025 | | X | | G | 1 | | |
| S-4 (0-1.0') | 5/12/2025 | | X | | G | 1 | | |
| S-4 (1.5') | 5/12/2025 | | X | | G | 1 | | |
| S-4 (2.0') | 5/12/2025 | | X | | G | 1 | | |
| S-4 (3.0') | 5/12/2025 | | X | | G | 1 | | |
| S-4 (4.0') | 5/12/2025 | | X | | G | 1 | | |

| Sample Comments |
|-----------------------------|
| Hold |
| Chloride 300.0 |
| TPH 8015M (GRO + DRO + MRO) |
| BTEX 8021B |

Comments:

Relinquished by: (Signature) _____ Date/Time _____

Received by: (Signature) _____ Date/Time _____



Chain of Custody

Work Order No: _____

Page 3 of 4

| | |
|---|--|
| Project Manager: Ashton Thielke | Bill to: (if different) Laci Luig |
| Company Name: Carmona Resources | Company Name: Cimarex Energy |
| Address: 310 W Wall St Ste 500 | Address: 600 N Marlenfield St, Suite 600 |
| City, State ZIP: Midland, TX 79701 | City, State ZIP: Midland, TX 79701 |
| Phone: 432-813-8988 | Email: laci.luig@coterra.com & ashton.thielke@coterra.com |

Work Order Comments

Program: UST/PST PRP Brownfields RC perfund

State of Project: Level II Level III ST/UST RRP Level IV

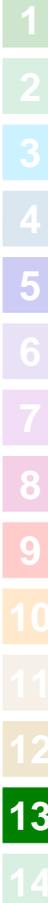
Deliverables: EDD ADaPT Other:

| Project Name: | Turn Around | | Pres. Code | ANALYSIS REQUEST | | Preservative Codes |
|--|---|-------------------------------|------------|------------------|-----------|---|
| | <input checked="" type="checkbox"/> Routine | <input type="checkbox"/> Rush | | Parameters | # of Cont | |
| Lea Federal Unit 21H | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | None: NO DI Water: H ₂ O |
| Project Number: 2716 | Due Date: Standard | | | | | Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na |
| Project Location: Lea County, New Mexico | Wet Ice: Yes No | | | | | H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC |
| Sampler's Name: JR | Thermometer ID: _____ | | | | | |
| PO #: _____ | Correction Factor: _____ | | | | | |
| SAMPLE RECEIPT | Temperature Reading: _____ | | | | | |
| Received Intact: Yes No | Corrected Temperature: _____ | | | | | |
| Cooler Custody Seals: Yes No N/A | | | | | | |
| Sample Custody Seals: Yes No N/A | | | | | | |
| Total Containers: _____ | | | | | | |
| Sample Identification | Date | Time | Soil | Water | Grab/Comp | |
| S-5 (0-1.0') | 5/12/2025 | | X | | G 1 | BTEX 8021B |
| S-5 (1.5') | 5/12/2025 | | X | | G 1 | TPH 8015M (GRO + DRO + MRO) |
| S-5 (2.0') | 5/12/2025 | | X | | G 1 | Chloride 300.0 |
| S-5 (3.0') | 5/12/2025 | | X | | G 1 | |
| S-5 (4.0') | 5/12/2025 | | X | | G 1 | |
| S-5 (5.0') | 5/12/2025 | | X | | G 1 | |
| S-6 (0-1.0') | 5/12/2025 | | X | | G 1 | |
| S-6 (1.5') | 5/12/2025 | | X | | G 1 | |
| S-6 (2.0') | 5/12/2025 | | X | | G 1 | |
| S-6 (3.0') | 5/12/2025 | | X | | G 1 | |

Comments:

Relinquished by: (Signature) _____ Date/Time _____

Received by: (Signature) _____ Date/Time _____



Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-58112-1
SDG Number: Lea County, New Mexico

Login Number: 58112
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

- 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: Ashton Thielke
 Carmona Resources
 310 W Wall St
 Ste 500
 Midland, Texas 79701

Generated 5/16/2025 12:40:23 PM

JOB DESCRIPTION

Lea Federal Unit 21H
 Lea County, New Mexico

JOB NUMBER

880-58109-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

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

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

Authorization



Generated
5/16/2025 12:40:23 PM

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

Client: Carmona Resources
Project/Site: Lea Federal Unit 21H

Laboratory Job ID: 880-58109-1
SDG: Lea 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 | 11 |
| QC Sample Results | 12 |
| QC Association Summary | 17 |
| Lab Chronicle | 20 |
| Certification Summary | 22 |
| Method Summary | 23 |
| Sample Summary | 24 |
| Chain of Custody | 25 |
| Receipt Checklists | 26 |

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

Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea Federal Unit 21H

Job ID: 880-58109-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

| Qualifier | Qualifier Description |
|-----------|--|
| 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: Lea Federal Unit 21H

Job ID: 880-58109-1

Job ID: 880-58109-1

Eurofins Midland

Job Narrative 880-58109-1

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 5/13/2025 5:05 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 1.2°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-58109-1), H-2 (0-0.5') (880-58109-2), H-3 (0-0.5') (880-58109-3), H-4 (0-0.5') (880-58109-4), H-5 (0-0.5') (880-58109-5) and H-6 (0-0.5') (880-58109-6).

GC VOA

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-110185 recovered above the upper control limit for MTBE. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 880-110185/33).

Method 8021B: The laboratory control sample duplicate (LCSD) for preparation batch 880-110188 and analytical batch 880-110185 recovered outside control limits for the following analytes: <AffectedAnalytes>. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

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 method blank for preparation batch 880-110104 and analytical batch 880-110100 contained Gasoline Range Organics (GRO)-C6-C10 above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

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 880-110122 and analytical batch 880-110158 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: Lea Federal Unit 21H

Job ID: 880-58109-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-58109-1

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:05

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------|--------------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 16:56 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 16:56 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 16:56 | 1 |
| m-Xylene & p-Xylene | <0.00404 | U | 0.00404 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 16:56 | 1 |
| o-Xylene | 0.118 | | 0.00202 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 16:56 | 1 |
| Xylenes, Total | 0.118 | | 0.00404 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 16:56 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 91 | | 70 - 130 | 05/15/25 08:29 | 05/15/25 16:56 | 1 |
| 1,4-Difluorobenzene (Surr) | 91 | | 70 - 130 | 05/15/25 08:29 | 05/15/25 16:56 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------|--------------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | 0.118 | | 0.00404 | | mg/Kg | | | 05/15/25 16:56 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 05/14/25 21:59 | 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 | | 05/14/25 09:46 | 05/14/25 21:59 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 05/14/25 09:46 | 05/14/25 21:59 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 05/14/25 09:46 | 05/14/25 21:59 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 84 | | 70 - 130 | 05/14/25 09:46 | 05/14/25 21:59 | 1 |
| o-Terphenyl (Surr) | 79 | | 70 - 130 | 05/14/25 09:46 | 05/14/25 21:59 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|-------------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 90.8 | | 10.1 | | mg/Kg | | | 05/14/25 21:03 | 1 |

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

Lab Sample ID: 880-58109-2

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:05

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------|--------------------|-----------|----------------|-----|--------------|---|-----------------------|-----------------------|----------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 17:17 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 17:17 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 17:17 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 17:17 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 17:17 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 17:17 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 89 | | 70 - 130 | 05/15/25 08:29 | 05/15/25 17:17 | 1 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 | 05/15/25 08:29 | 05/15/25 17:17 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58109-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-58109-2

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 05/15/25 17:17 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 05/14/25 22:30 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 05/14/25 09:46 | 05/14/25 22:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 05/14/25 09:46 | 05/14/25 22:30 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 05/14/25 09:46 | 05/14/25 22:30 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 88 | | 70 - 130 | | | | 05/14/25 09:46 | 05/14/25 22:30 | 1 |
| o-Terphenyl (Surr) | 86 | | 70 - 130 | | | | 05/14/25 09:46 | 05/14/25 22:30 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 300 | | 9.94 | | mg/Kg | | | 05/14/25 21:10 | 1 |

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

Lab Sample ID: 880-58109-3

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:05

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 17:37 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 17:37 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 17:37 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 17:37 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 17:37 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 17:37 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 91 | | 70 - 130 | | | | 05/15/25 08:29 | 05/15/25 17:37 | 1 |
| 1,4-Difluorobenzene (Surr) | 83 | | 70 - 130 | | | | 05/15/25 08:29 | 05/15/25 17:37 | 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 | | | 05/15/25 17:37 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 05/14/25 22:47 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 05/14/25 09:46 | 05/14/25 22:47 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 05/14/25 09:46 | 05/14/25 22:47 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58109-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-58109-3

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:05

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 | | 05/14/25 09:46 | 05/14/25 22:47 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 86 | | 70 - 130 | | | | 05/14/25 09:46 | 05/14/25 22:47 | 1 |
| o-Terphenyl (Surr) | 82 | | 70 - 130 | | | | 05/14/25 09:46 | 05/14/25 22:47 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 93.1 | | 9.96 | | mg/Kg | | | 05/14/25 21:17 | 1 |

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

Lab Sample ID: 880-58109-4

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:05

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 17:58 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 17:58 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 17:58 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 17:58 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 17:58 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 17:58 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 88 | | 70 - 130 | | | | 05/15/25 08:29 | 05/15/25 17:58 | 1 |
| 1,4-Difluorobenzene (Surr) | 96 | | 70 - 130 | | | | 05/15/25 08:29 | 05/15/25 17:58 | 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 | | | 05/15/25 17:58 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 05/14/25 23:03 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 05/14/25 09:46 | 05/14/25 23:03 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 05/14/25 09:46 | 05/14/25 23:03 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 05/14/25 09:46 | 05/14/25 23:03 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 87 | | 70 - 130 | | | | 05/14/25 09:46 | 05/14/25 23:03 | 1 |
| o-Terphenyl (Surr) | 83 | | 70 - 130 | | | | 05/14/25 09:46 | 05/14/25 23:03 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 82.9 | | 10.0 | | mg/Kg | | | 05/14/25 21:24 | 1 |

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58109-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-58109-5

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:05

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 18:18 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 18:18 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 18:18 | 1 |
| m-Xylene & p-Xylene | <0.00404 | U | 0.00404 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 18:18 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 18:18 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 18:18 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 89 | | 70 - 130 | 05/15/25 08:29 | 05/15/25 18:18 | 1 |
| 1,4-Difluorobenzene (Surr) | 97 | | 70 - 130 | 05/15/25 08:29 | 05/15/25 18:18 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 05/15/25 18:18 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 89.9 | | 50.1 | | mg/Kg | | | 05/14/25 23:19 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 05/14/25 09:46 | 05/14/25 23:19 | 1 |
| Diesel Range Organics (Over C10-C28) | 89.9 | | 50.1 | | mg/Kg | | 05/14/25 09:46 | 05/14/25 23:19 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 05/14/25 09:46 | 05/14/25 23:19 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 87 | | 70 - 130 | 05/14/25 09:46 | 05/14/25 23:19 | 1 |
| o-Terphenyl (Surr) | 86 | | 70 - 130 | 05/14/25 09:46 | 05/14/25 23:19 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 96.5 | F1 | 10.1 | | mg/Kg | | | 05/14/25 19:06 | 1 |

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

Lab Sample ID: 880-58109-6

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:05

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 18:39 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 18:39 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 18:39 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 18:39 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 18:39 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 18:39 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 87 | | 70 - 130 | 05/15/25 08:29 | 05/15/25 18:39 | 1 |
| 1,4-Difluorobenzene (Surr) | 96 | | 70 - 130 | 05/15/25 08:29 | 05/15/25 18:39 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58109-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-58109-6

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 05/15/25 18:39 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 79.9 | | 50.2 | | mg/Kg | | | 05/14/25 23:35 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|-------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 05/14/25 09:46 | 05/14/25 23:35 | 1 |
| Diesel Range Organics (Over C10-C28) | 79.9 | | 50.2 | | mg/Kg | | 05/14/25 09:46 | 05/14/25 23:35 | 1 |
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 05/14/25 09:46 | 05/14/25 23:35 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 85 | | 70 - 130 | | | | 05/14/25 09:46 | 05/14/25 23:35 | 1 |
| o-Terphenyl (Surr) | 83 | | 70 - 130 | | | | 05/14/25 09:46 | 05/14/25 23:35 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 89.7 | | 10.0 | | mg/Kg | | | 05/14/25 19:27 | 1 |

Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit 21H

Job ID: 880-58109-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | |
|--------------------|------------------------|--|-------------------|
| | | BFB1 (70-130) | DFBZ1 (70-130) |
| 880-58109-1 | H-1 (0-0.5') | 91 | 91 |
| 880-58109-2 | H-2 (0-0.5') | 89 | 99 |
| 880-58109-3 | H-3 (0-0.5') | 91 | 83 |
| 880-58109-4 | H-4 (0-0.5') | 88 | 96 |
| 880-58109-5 | H-5 (0-0.5') | 89 | 97 |
| 880-58109-6 | H-6 (0-0.5') | 87 | 96 |
| 890-8159-A-6-C MS | Matrix Spike | 108 | 92 |
| 890-8159-A-6-D MSD | Matrix Spike Duplicate | 105 | 91 |
| LCS 880-110188/1-A | Lab Control Sample | 108 | 89 |
| LCS 880-110188/2-A | Lab Control Sample Dup | 111 | 101 |
| MB 880-110188/5-A | Method Blank | 90 | 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) |
| 880-58102-A-9-B MS | Matrix Spike | 94 | 86 |
| 880-58102-A-9-C MSD | Matrix Spike Duplicate | 95 | 86 |
| 880-58109-1 | H-1 (0-0.5') | 84 | 79 |
| 880-58109-2 | H-2 (0-0.5') | 88 | 86 |
| 880-58109-3 | H-3 (0-0.5') | 86 | 82 |
| 880-58109-4 | H-4 (0-0.5') | 87 | 83 |
| 880-58109-5 | H-5 (0-0.5') | 87 | 86 |
| 880-58109-6 | H-6 (0-0.5') | 85 | 83 |
| LCS 880-110104/2-A | Lab Control Sample | 105 | 111 |
| LCS 880-110104/3-A | Lab Control Sample Dup | 123 | 109 |
| MB 880-110104/1-A | Method Blank | 85 | 86 |

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58109-1
 SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-110188/5-A
 Matrix: Solid
 Analysis Batch: 110185

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 110188

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 11:05 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 11:05 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 11:05 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 11:05 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 11:05 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 05/15/25 08:29 | 05/15/25 11:05 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 90 | | 70 - 130 | 05/15/25 08:29 | 05/15/25 11:05 | 1 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 | 05/15/25 08:29 | 05/15/25 11:05 | 1 |

Lab Sample ID: LCS 880-110188/1-A
 Matrix: Solid
 Analysis Batch: 110185

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 110188

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|-------------|------------|---------------|-------|---|------|-------------|
| Benzene | 0.100 | 0.07612 | | mg/Kg | | 76 | 70 - 130 |
| Toluene | 0.100 | 0.08219 | | mg/Kg | | 82 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.09630 | | mg/Kg | | 96 | 70 - 130 |
| m-Xylene & p-Xylene | 0.200 | 0.1793 | | mg/Kg | | 90 | 70 - 130 |
| o-Xylene | 0.100 | 0.08678 | | mg/Kg | | 87 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 108 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 89 | | 70 - 130 |

Lab Sample ID: LCSD 880-110188/2-A
 Matrix: Solid
 Analysis Batch: 110185

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 110188

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Benzene | 0.100 | 0.09033 | | mg/Kg | | 90 | 70 - 130 | 17 | 35 |
| Toluene | 0.100 | 0.08533 | | mg/Kg | | 85 | 70 - 130 | 4 | 35 |
| Ethylbenzene | 0.100 | 0.08961 | | mg/Kg | | 90 | 70 - 130 | 7 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.1713 | | mg/Kg | | 86 | 70 - 130 | 5 | 35 |
| o-Xylene | 0.100 | 0.09693 | | mg/Kg | | 97 | 70 - 130 | 11 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|-----------------------------|----------------|----------------|----------|
| 4-Bromofluorobenzene (Surr) | 111 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 101 | | 70 - 130 |

Lab Sample ID: 890-8159-A-6-C MS
 Matrix: Solid
 Analysis Batch: 110185

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 110188

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Benzene | <0.00200 | U | 0.100 | 0.08714 | | mg/Kg | | 87 | 70 - 130 |
| Toluene | <0.00200 | U | 0.100 | 0.08777 | | mg/Kg | | 88 | 70 - 130 |

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58109-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 890-8159-A-6-C MS
 Matrix: Solid
 Analysis Batch: 110185

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 110188

| Analyte | Sample | Sample | Spike | MS | MS | Unit | D | %Rec | %Rec |
|---------------------|----------|-----------|-------|---------|-----------|-------|---|------|----------|
| | Result | Qualifier | | Result | Qualifier | | | | |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.09897 | | mg/Kg | | 99 | 70 - 130 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.200 | 0.1881 | | mg/Kg | | 94 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.100 | 0.09200 | | mg/Kg | | 92 | 70 - 130 |

| Surrogate | MS | MS | Limits |
|-----------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 4-Bromofluorobenzene (Surr) | 108 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 92 | | 70 - 130 |

Lab Sample ID: 890-8159-A-6-D MSD
 Matrix: Solid
 Analysis Batch: 110185

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 110188

| Analyte | Sample | Sample | Spike | MSD | MSD | Unit | D | %Rec | %Rec | RPD | RPD | Limit |
|---------------------|----------|-----------|-------|---------|-----------|-------|---|------|----------|-----|-----|-------|
| | Result | Qualifier | | Result | Qualifier | | | | | | | |
| Benzene | <0.00200 | U | 0.100 | 0.08001 | | mg/Kg | | 80 | 70 - 130 | 9 | | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.08023 | | mg/Kg | | 80 | 70 - 130 | 9 | | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.08926 | | mg/Kg | | 89 | 70 - 130 | 10 | | 35 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.200 | 0.1716 | | mg/Kg | | 86 | 70 - 130 | 9 | | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.08355 | | mg/Kg | | 84 | 70 - 130 | 10 | | 35 |

| Surrogate | MSD | MSD | Limits |
|-----------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 4-Bromofluorobenzene (Surr) | 105 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 91 | | 70 - 130 |

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

Lab Sample ID: MB 880-110104/1-A
 Matrix: Solid
 Analysis Batch: 110100

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 110104

| 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 | | 05/14/25 09:46 | 05/14/25 18:13 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 05/14/25 09:46 | 05/14/25 18:13 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 05/14/25 09:46 | 05/14/25 18:13 | 1 |

| Surrogate | MB | MB | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| 1-Chlorooctane (Surr) | 85 | | 70 - 130 | 05/14/25 09:46 | 05/14/25 18:13 | 1 |
| o-Terphenyl (Surr) | 86 | | 70 - 130 | 05/14/25 09:46 | 05/14/25 18:13 | 1 |

Lab Sample ID: LCS 880-110104/2-A
 Matrix: Solid
 Analysis Batch: 110100

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 110104

| Analyte | Spike | LCS | LCS | Unit | D | %Rec | %Rec |
|--------------------------------------|-------|-------|-----|-------|---|------|----------|
| | | | | | | | |
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 878.9 | | mg/Kg | | 88 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 923.9 | | mg/Kg | | 92 | 70 - 130 |

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58109-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-110104/2-A
Matrix: Solid
Analysis Batch: 110100

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110104

| Surrogate | LCS LCS | | Limits |
|-----------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1-Chlorooctane (Surr) | 105 | | 70 - 130 |
| o-Terphenyl (Surr) | 111 | | 70 - 130 |

Lab Sample ID: LCSD 880-110104/3-A
Matrix: Solid
Analysis Batch: 110100

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 110104

| Analyte | Spike Added | LCSD LCSD | | Unit | D | %Rec | %Rec | | RPD | Limit |
|--------------------------------------|-------------|-----------|-----------|-------|---|------|----------|-----|-----|-------|
| | | Result | Qualifier | | | | Limits | RPD | | |
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 871.4 | | mg/Kg | | 87 | 70 - 130 | 1 | | 20 |
| Diesel Range Organics (Over C10-C28) | 1000 | 873.7 | | mg/Kg | | 87 | 70 - 130 | 6 | | 20 |

| Surrogate | LCSD LCSD | | Limits |
|-----------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1-Chlorooctane (Surr) | 123 | | 70 - 130 |
| o-Terphenyl (Surr) | 109 | | 70 - 130 |

Lab Sample ID: 880-58102-A-9-B MS
Matrix: Solid
Analysis Batch: 110100

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 110104

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS MS | | Unit | D | %Rec | %Rec | |
|--------------------------------------|---------------|------------------|-------------|--------|-----------|-------|---|------|----------|-----|
| | | | | Result | Qualifier | | | | Limits | RPD |
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 998 | 713.8 | | mg/Kg | | 72 | 70 - 130 | |
| Diesel Range Organics (Over C10-C28) | 92.9 | | 998 | 817.7 | | mg/Kg | | 73 | 70 - 130 | |

| Surrogate | MS MS | | Limits |
|-----------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1-Chlorooctane (Surr) | 94 | | 70 - 130 |
| o-Terphenyl (Surr) | 86 | | 70 - 130 |

Lab Sample ID: 880-58102-A-9-C MSD
Matrix: Solid
Analysis Batch: 110100

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 110104

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD MSD | | Unit | D | %Rec | %Rec | | RPD | Limit |
|--------------------------------------|---------------|------------------|-------------|---------|-----------|-------|---|------|----------|-----|-----|-------|
| | | | | Result | Qualifier | | | | Limits | RPD | | |
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 998 | 727.5 | | mg/Kg | | 73 | 70 - 130 | 2 | | 20 |
| Diesel Range Organics (Over C10-C28) | 92.9 | | 998 | 818.9 | | mg/Kg | | 73 | 70 - 130 | 0 | | 20 |

| Surrogate | MSD MSD | | Limits |
|-----------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1-Chlorooctane (Surr) | 95 | | 70 - 130 |
| o-Terphenyl (Surr) | 86 | | 70 - 130 |

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58109-1
 SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-110121/1-A
 Matrix: Solid
 Analysis Batch: 110146

Client Sample ID: Method Blank
 Prep Type: Soluble

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|-----------|--------------|------|-----|-------|---|----------|----------------|---------|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 05/14/25 17:52 | 1 |

Lab Sample ID: LCS 880-110121/2-A
 Matrix: Solid
 Analysis Batch: 110146

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|-------|---|------|-------------|
| Chloride | 250 | 254.8 | | mg/Kg | | 102 | 90 - 110 |

Lab Sample ID: LCSD 880-110121/3-A
 Matrix: Solid
 Analysis Batch: 110146

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 | 254.7 | | mg/Kg | | 102 | 90 - 110 | 0 | 20 |

Lab Sample ID: 880-58102-A-11-C MS
 Matrix: Solid
 Analysis Batch: 110146

Client Sample ID: Matrix Spike
 Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Chloride | 119 | | 250 | 385.1 | | mg/Kg | | 106 | 90 - 110 |

Lab Sample ID: 880-58102-A-11-D MSD
 Matrix: Solid
 Analysis Batch: 110146

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 119 | | 250 | 384.8 | | mg/Kg | | 106 | 90 - 110 | 0 | 20 |

Lab Sample ID: MB 880-110122/1-A
 Matrix: Solid
 Analysis Batch: 110158

Client Sample ID: Method Blank
 Prep Type: Soluble

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|-----------|--------------|------|-----|-------|---|----------|----------------|---------|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 05/14/25 18:46 | 1 |

Lab Sample ID: LCS 880-110122/2-A
 Matrix: Solid
 Analysis Batch: 110158

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|-------|---|------|-------------|
| Chloride | 250 | 259.6 | | mg/Kg | | 104 | 90 - 110 |

Lab Sample ID: LCSD 880-110122/3-A
 Matrix: Solid
 Analysis Batch: 110158

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 | 257.4 | | mg/Kg | | 103 | 90 - 110 | 1 | 20 |

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58109-1
 SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-58109-5 MS
Matrix: Solid
Analysis Batch: 110158

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

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Chloride | 96.5 | F1 | 252 | 372.7 | | mg/Kg | | 110 | 90 - 110 |

Lab Sample ID: 880-58109-5 MSD
Matrix: Solid
Analysis Batch: 110158

Client Sample ID: H-5 (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 | 96.5 | F1 | 252 | 375.2 | F1 | mg/Kg | | 111 | 90 - 110 | 1 | 20 |

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

QC Association Summary

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58109-1
 SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 110185

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 880-58109-1 | H-1 (0-0.5') | Total/NA | Solid | 8021B | 110188 |
| 880-58109-2 | H-2 (0-0.5') | Total/NA | Solid | 8021B | 110188 |
| 880-58109-3 | H-3 (0-0.5') | Total/NA | Solid | 8021B | 110188 |
| 880-58109-4 | H-4 (0-0.5') | Total/NA | Solid | 8021B | 110188 |
| 880-58109-5 | H-5 (0-0.5') | Total/NA | Solid | 8021B | 110188 |
| 880-58109-6 | H-6 (0-0.5') | Total/NA | Solid | 8021B | 110188 |
| MB 880-110188/5-A | Method Blank | Total/NA | Solid | 8021B | 110188 |
| LCS 880-110188/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 110188 |
| LCSD 880-110188/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 110188 |
| 890-8159-A-6-C MS | Matrix Spike | Total/NA | Solid | 8021B | 110188 |
| 890-8159-A-6-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 110188 |

Prep Batch: 110188

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 880-58109-1 | H-1 (0-0.5') | Total/NA | Solid | 5035 | |
| 880-58109-2 | H-2 (0-0.5') | Total/NA | Solid | 5035 | |
| 880-58109-3 | H-3 (0-0.5') | Total/NA | Solid | 5035 | |
| 880-58109-4 | H-4 (0-0.5') | Total/NA | Solid | 5035 | |
| 880-58109-5 | H-5 (0-0.5') | Total/NA | Solid | 5035 | |
| 880-58109-6 | H-6 (0-0.5') | Total/NA | Solid | 5035 | |
| MB 880-110188/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-110188/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-110188/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 890-8159-A-6-C MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 890-8159-A-6-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

Analysis Batch: 110334

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 880-58109-1 | H-1 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 880-58109-2 | H-2 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 880-58109-3 | H-3 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 880-58109-4 | H-4 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 880-58109-5 | H-5 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 880-58109-6 | H-6 (0-0.5') | Total/NA | Solid | Total BTEX | |

GC Semi VOA

Analysis Batch: 110100

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-58109-1 | H-1 (0-0.5') | Total/NA | Solid | 8015B NM | 110104 |
| 880-58109-2 | H-2 (0-0.5') | Total/NA | Solid | 8015B NM | 110104 |
| 880-58109-3 | H-3 (0-0.5') | Total/NA | Solid | 8015B NM | 110104 |
| 880-58109-4 | H-4 (0-0.5') | Total/NA | Solid | 8015B NM | 110104 |
| 880-58109-5 | H-5 (0-0.5') | Total/NA | Solid | 8015B NM | 110104 |
| 880-58109-6 | H-6 (0-0.5') | Total/NA | Solid | 8015B NM | 110104 |
| MB 880-110104/1-A | Method Blank | Total/NA | Solid | 8015B NM | 110104 |
| LCS 880-110104/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 110104 |
| LCSD 880-110104/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 110104 |
| 880-58102-A-9-B MS | Matrix Spike | Total/NA | Solid | 8015B NM | 110104 |
| 880-58102-A-9-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 110104 |

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit 21H

Job ID: 880-58109-1
SDG: Lea County, New Mexico

GC Semi VOA

Prep Batch: 110104

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|-------------|------------|
| 880-58109-1 | H-1 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-58109-2 | H-2 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-58109-3 | H-3 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-58109-4 | H-4 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-58109-5 | H-5 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-58109-6 | H-6 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-110104/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-110104/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-110104/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-58102-A-9-B MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-58102-A-9-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 110230

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 880-58109-1 | H-1 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 880-58109-2 | H-2 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 880-58109-3 | H-3 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 880-58109-4 | H-4 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 880-58109-5 | H-5 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 880-58109-6 | H-6 (0-0.5') | Total/NA | Solid | 8015 NM | |

HPLC/IC

Leach Batch: 110121

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|----------|------------|
| 880-58109-1 | H-1 (0-0.5') | Soluble | Solid | DI Leach | |
| 880-58109-2 | H-2 (0-0.5') | Soluble | Solid | DI Leach | |
| 880-58109-3 | H-3 (0-0.5') | Soluble | Solid | DI Leach | |
| 880-58109-4 | H-4 (0-0.5') | Soluble | Solid | DI Leach | |
| MB 880-110121/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-110121/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-110121/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-58102-A-11-C MS | Matrix Spike | Soluble | Solid | DI Leach | |
| 880-58102-A-11-D MSD | Matrix Spike Duplicate | Soluble | Solid | DI Leach | |

Leach Batch: 110122

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-58109-5 | H-5 (0-0.5') | Soluble | Solid | DI Leach | |
| 880-58109-6 | H-6 (0-0.5') | Soluble | Solid | DI Leach | |
| MB 880-110122/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-110122/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-110122/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-58109-5 MS | H-5 (0-0.5') | Soluble | Solid | DI Leach | |
| 880-58109-5 MSD | H-5 (0-0.5') | Soluble | Solid | DI Leach | |

Analysis Batch: 110146

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 880-58109-1 | H-1 (0-0.5') | Soluble | Solid | 300.0 | 110121 |
| 880-58109-2 | H-2 (0-0.5') | Soluble | Solid | 300.0 | 110121 |
| 880-58109-3 | H-3 (0-0.5') | Soluble | Solid | 300.0 | 110121 |
| 880-58109-4 | H-4 (0-0.5') | Soluble | Solid | 300.0 | 110121 |

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58109-1
 SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 110146 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| MB 880-110121/1-A | Method Blank | Soluble | Solid | 300.0 | 110121 |
| LCS 880-110121/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 110121 |
| LCSD 880-110121/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 110121 |
| 880-58102-A-11-C MS | Matrix Spike | Soluble | Solid | 300.0 | 110121 |
| 880-58102-A-11-D MSD | Matrix Spike Duplicate | Soluble | Solid | 300.0 | 110121 |

Analysis Batch: 110158

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 880-58109-5 | H-5 (0-0.5') | Soluble | Solid | 300.0 | 110122 |
| 880-58109-6 | H-6 (0-0.5') | Soluble | Solid | 300.0 | 110122 |
| MB 880-110122/1-A | Method Blank | Soluble | Solid | 300.0 | 110122 |
| LCS 880-110122/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 110122 |
| LCSD 880-110122/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 110122 |
| 880-58109-5 MS | H-5 (0-0.5') | Soluble | Solid | 300.0 | 110122 |
| 880-58109-5 MSD | H-5 (0-0.5') | Soluble | Solid | 300.0 | 110122 |

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

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58109-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-58109-1

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:05

| 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 | 110188 | 05/15/25 08:29 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110185 | 05/15/25 16:56 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110334 | 05/15/25 16:56 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110230 | 05/14/25 21:59 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 110104 | 05/14/25 09:46 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110100 | 05/14/25 21:59 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 110121 | 05/14/25 11:25 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110146 | 05/14/25 21:03 | CH | EET MID |

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

Lab Sample ID: 880-58109-2

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:05

| 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 | 110188 | 05/15/25 08:29 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110185 | 05/15/25 17:17 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110334 | 05/15/25 17:17 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110230 | 05/14/25 22:30 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 110104 | 05/14/25 09:46 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110100 | 05/14/25 22:30 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 110121 | 05/14/25 11:25 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110146 | 05/14/25 21:10 | CH | EET MID |

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

Lab Sample ID: 880-58109-3

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:05

| 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 | 110188 | 05/15/25 08:29 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110185 | 05/15/25 17:37 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110334 | 05/15/25 17:37 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110230 | 05/14/25 22:47 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 110104 | 05/14/25 09:46 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110100 | 05/14/25 22:47 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 110121 | 05/14/25 11:25 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110146 | 05/14/25 21:17 | CH | EET MID |

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

Lab Sample ID: 880-58109-4

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:05

| 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 | 110188 | 05/15/25 08:29 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110185 | 05/15/25 17:58 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110334 | 05/15/25 17:58 | SM | EET MID |

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-58109-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-58109-4

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:05

| 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 | | | 110230 | 05/14/25 23:03 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 110104 | 05/14/25 09:46 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110100 | 05/14/25 23:03 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 110121 | 05/14/25 11:25 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110146 | 05/14/25 21:24 | CH | EET MID |

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

Lab Sample ID: 880-58109-5

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:05

| 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 | 110188 | 05/15/25 08:29 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110185 | 05/15/25 18:18 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110334 | 05/15/25 18:18 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110230 | 05/14/25 23:19 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10 mL | 110104 | 05/14/25 09:46 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110100 | 05/14/25 23:19 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 110122 | 05/14/25 11:27 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110158 | 05/14/25 19:06 | CH | EET MID |

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

Lab Sample ID: 880-58109-6

Date Collected: 05/12/25 00:00

Matrix: Solid

Date Received: 05/13/25 17:05

| 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 | 110188 | 05/15/25 08:29 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 110185 | 05/15/25 18:39 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 110334 | 05/15/25 18:39 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 110230 | 05/14/25 23:35 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10 mL | 110104 | 05/14/25 09:46 | FC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 110100 | 05/14/25 23:35 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 110122 | 05/14/25 11:27 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 110158 | 05/14/25 19:27 | 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: Lea Federal Unit 21H

Job ID: 880-58109-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

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

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: Lea Federal Unit 21H

Job ID: 880-58109-1
SDG: Lea County, New Mexico

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

Protocol References:

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

Laboratory References:

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



Sample Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit 21H

Job ID: 880-58109-1
SDG: Lea County, New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---------------|------------------|--------|----------------|----------------|
| 880-58109-1 | H-1 (0-0.5') | Solid | 05/12/25 00:00 | 05/13/25 17:05 |
| 880-58109-2 | H-2 (0-0.5') | Solid | 05/12/25 00:00 | 05/13/25 17:05 |
| 880-58109-3 | H-3 (0-0.5') | Solid | 05/12/25 00:00 | 05/13/25 17:05 |
| 880-58109-4 | H-4 (0-0.5') | Solid | 05/12/25 00:00 | 05/13/25 17:05 |
| 880-58109-5 | H-5 (0-0.5') | Solid | 05/12/25 00:00 | 05/13/25 17:05 |
| 880-58109-6 | H-6 (0-0.5') | Solid | 05/12/25 00:00 | 05/13/25 17:05 |

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-58109-1
SDG Number: Lea County, New Mexico

Login Number: 58109

List Number: 1

Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

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



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

June 06, 2025

ASHTON THIELKE
CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND, TX 79701

RE: LEA FEDERAL UNIT 21H

Enclosed are the results of analyses for samples received by the laboratory on 06/05/25 15:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

| | | | |
|-------------------|--------------------------------|---------------------|---------------|
| Received: | 06/05/2025 | Sampling Date: | 06/05/2025 |
| Reported: | 06/06/2025 | Sampling Type: | Soil |
| Project Name: | LEA FEDERAL UNIT 21H | Sampling Condition: | Cool & Intact |
| Project Number: | 2716 | Sample Received By: | Alyssa Parras |
| Project Location: | CIMAREX-LEA COUNTY, NEW MEXICO | | |

Sample ID: CS - 1 (1.5') (H253380-01)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/06/2025 | ND | 2.27 | 113 | 2.00 | 3.05 | |
| Toluene* | <0.050 | 0.050 | 06/06/2025 | ND | 2.07 | 104 | 2.00 | 4.22 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/06/2025 | ND | 2.07 | 103 | 2.00 | 3.73 | |
| Total Xylenes* | <0.150 | 0.150 | 06/06/2025 | ND | 6.36 | 106 | 6.00 | 3.75 | |
| Total BTEX | <0.300 | 0.300 | 06/06/2025 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 06/06/2025 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/05/2025 | ND | 203 | 102 | 200 | 2.67 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/05/2025 | ND | 201 | 100 | 200 | 2.95 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/05/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 74.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.0 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

| | | | |
|-------------------|--------------------------------|---------------------|---------------|
| Received: | 06/05/2025 | Sampling Date: | 06/05/2025 |
| Reported: | 06/06/2025 | Sampling Type: | Soil |
| Project Name: | LEA FEDERAL UNIT 21H | Sampling Condition: | Cool & Intact |
| Project Number: | 2716 | Sample Received By: | Alyssa Parras |
| Project Location: | CIMAREX-LEA COUNTY, NEW MEXICO | | |

Sample ID: SW - 1 (1.5') (H253380-02)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/06/2025 | ND | 2.27 | 113 | 2.00 | 3.05 | | |
| Toluene* | <0.050 | 0.050 | 06/06/2025 | ND | 2.07 | 104 | 2.00 | 4.22 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/06/2025 | ND | 2.07 | 103 | 2.00 | 3.73 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/06/2025 | ND | 6.36 | 106 | 6.00 | 3.75 | | |
| Total BTEX | <0.300 | 0.300 | 06/06/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 06/06/2025 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 06/05/2025 | ND | 203 | 102 | 200 | 2.67 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/05/2025 | ND | 201 | 100 | 200 | 2.95 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/05/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 68.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.4 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

| | | | |
|-------------------|--------------------------------|---------------------|---------------|
| Received: | 06/05/2025 | Sampling Date: | 06/05/2025 |
| Reported: | 06/06/2025 | Sampling Type: | Soil |
| Project Name: | LEA FEDERAL UNIT 21H | Sampling Condition: | Cool & Intact |
| Project Number: | 2716 | Sample Received By: | Alyssa Parras |
| Project Location: | CIMAREX-LEA COUNTY, NEW MEXICO | | |

Sample ID: SW - 2 (1.5') (H253380-03)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/06/2025 | ND | 2.27 | 113 | 2.00 | 3.05 | | |
| Toluene* | <0.050 | 0.050 | 06/06/2025 | ND | 2.07 | 104 | 2.00 | 4.22 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/06/2025 | ND | 2.07 | 103 | 2.00 | 3.73 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/06/2025 | ND | 6.36 | 106 | 6.00 | 3.75 | | |
| Total BTEX | <0.300 | 0.300 | 06/06/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 06/06/2025 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 06/05/2025 | ND | 203 | 102 | 200 | 2.67 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/05/2025 | ND | 201 | 100 | 200 | 2.95 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/05/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 85.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.0 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

| | | | |
|-------------------|--------------------------------|---------------------|---------------|
| Received: | 06/05/2025 | Sampling Date: | 06/05/2025 |
| Reported: | 06/06/2025 | Sampling Type: | Soil |
| Project Name: | LEA FEDERAL UNIT 21H | Sampling Condition: | Cool & Intact |
| Project Number: | 2716 | Sample Received By: | Alyssa Parras |
| Project Location: | CIMAREX-LEA COUNTY, NEW MEXICO | | |

Sample ID: SW - 3 (1.5') (H253380-04)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/06/2025 | ND | 2.27 | 113 | 2.00 | 3.05 | | |
| Toluene* | <0.050 | 0.050 | 06/06/2025 | ND | 2.07 | 104 | 2.00 | 4.22 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/06/2025 | ND | 2.07 | 103 | 2.00 | 3.73 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/06/2025 | ND | 6.36 | 106 | 6.00 | 3.75 | | |
| Total BTEX | <0.300 | 0.300 | 06/06/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 06/06/2025 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 06/06/2025 | ND | 203 | 102 | 200 | 2.67 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/06/2025 | ND | 201 | 100 | 200 | 2.95 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/06/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 66.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 62.0 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

| | | | |
|-------------------|--------------------------------|---------------------|---------------|
| Received: | 06/05/2025 | Sampling Date: | 06/05/2025 |
| Reported: | 06/06/2025 | Sampling Type: | Soil |
| Project Name: | LEA FEDERAL UNIT 21H | Sampling Condition: | Cool & Intact |
| Project Number: | 2716 | Sample Received By: | Alyssa Parras |
| Project Location: | CIMAREX-LEA COUNTY, NEW MEXICO | | |

Sample ID: SW - 4 (1.5') (H253380-05)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/06/2025 | ND | 2.27 | 113 | 2.00 | 3.05 | | |
| Toluene* | <0.050 | 0.050 | 06/06/2025 | ND | 2.07 | 104 | 2.00 | 4.22 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/06/2025 | ND | 2.07 | 103 | 2.00 | 3.73 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/06/2025 | ND | 6.36 | 106 | 6.00 | 3.75 | | |
| Total BTEX | <0.300 | 0.300 | 06/06/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 06/06/2025 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 06/05/2025 | ND | 203 | 102 | 200 | 2.67 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/05/2025 | ND | 201 | 100 | 200 | 2.95 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/05/2025 | ND | | | | | | |

Surrogate: 1-Chlorooctane 70.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.6 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
 Carmona Resources
 310 W Wall St
 Ste 500
 Midland, Texas 79701

Generated 6/11/2025 12:23:48 PM

JOB DESCRIPTION

Lea Federal Unit 21H
 Lea County, New Mexico

JOB NUMBER

880-59114-1

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
6/11/2025 12:23:48 PM

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

Client: Carmona Resources
Project/Site: Lea Federal Unit 21H

Laboratory Job ID: 880-59114-1
SDG: Lea 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 | 7 |
| QC Sample Results | 8 |
| QC Association Summary | 12 |
| Lab Chronicle | 14 |
| Certification Summary | 15 |
| Method Summary | 16 |
| Sample Summary | 17 |
| Chain of Custody | 18 |
| Receipt Checklists | 19 |

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

Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea Federal Unit 21H

Job ID: 880-59114-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

| Qualifier | Qualifier Description |
|-----------|--|
| 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: Lea Federal Unit 21H

Job ID: 880-59114-1

Job ID: 880-59114-1

Eurofins Midland

Job Narrative 880-59114-1

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

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

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

Receipt

The sample was received on 6/9/2025 3:32 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.9°C.

Receipt Exceptions

The following sample was received and analyzed from an unpreserved bulk soil jar: Backfill (880-59114-1).

GC VOA

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

Diesel Range Organics

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-111853 and analytical batch 880-111854 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.

The associated samples are: Backfill (880-59114-1), (880-59089-A-1-A), (880-59089-A-1-B MS) and (880-59089-A-1-C MSD).

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: Lea Federal Unit 21H

Job ID: 880-59114-1
 SDG: Lea County, New Mexico

Client Sample ID: Backfill

Lab Sample ID: 880-59114-1

Date Collected: 06/09/25 00:00

Matrix: Solid

Date Received: 06/09/25 15:32

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 | | 06/09/25 16:44 | 06/09/25 21:45 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 06/09/25 16:44 | 06/09/25 21:45 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 06/09/25 16:44 | 06/09/25 21:45 | 1 |
| m-Xylene & p-Xylene | <0.00403 | U | 0.00403 | | mg/Kg | | 06/09/25 16:44 | 06/09/25 21:45 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 06/09/25 16:44 | 06/09/25 21:45 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 06/09/25 16:44 | 06/09/25 21:45 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 89 | | 70 - 130 | 06/09/25 16:44 | 06/09/25 21:45 | 1 |
| 1,4-Difluorobenzene (Surr) | 101 | | 70 - 130 | 06/09/25 16:44 | 06/09/25 21:45 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | | 06/09/25 21:45 | 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 | | | 06/11/25 03:11 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 06/10/25 09:02 | 06/11/25 03:11 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 06/10/25 09:02 | 06/11/25 03:11 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 06/10/25 09:02 | 06/11/25 03:11 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 102 | | 70 - 130 | 06/10/25 09:02 | 06/11/25 03:11 | 1 |
| o-Terphenyl (Surr) | 97 | | 70 - 130 | 06/10/25 09:02 | 06/11/25 03:11 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 97.7 | | 10.1 | | mg/Kg | | | 06/10/25 10:51 | 1 |

Surrogate Summary

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-59114-1
 SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---------------------|------------------------|--|-------------------|
| Lab Sample ID | Client Sample ID | BFB1 (70-130) | DFBZ1 (70-130) |
| 880-59079-A-1-B MS | Matrix Spike | 92 | 102 |
| 880-59079-A-1-C MSD | Matrix Spike Duplicate | 95 | 101 |
| 880-59114-1 | Backfill | 89 | 101 |
| LCS 880-111766/1-A | Lab Control Sample | 95 | 100 |
| LCSD 880-111766/2-A | Lab Control Sample Dup | 96 | 105 |
| MB 880-111766/5-A | Method Blank | 98 | 90 |

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

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

Matrix: Solid

Prep Type: Total/NA

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---------------------|------------------------|--|-------------------|
| Lab Sample ID | Client Sample ID | 1CO1 (70-130) | OTPH1 (70-130) |
| 880-59113-A-1-C MS | Matrix Spike | 108 | 96 |
| 880-59113-A-1-D MSD | Matrix Spike Duplicate | 109 | 97 |
| 880-59114-1 | Backfill | 102 | 97 |
| LCS 880-111864/2-A | Lab Control Sample | 78 | 83 |
| LCSD 880-111864/3-A | Lab Control Sample Dup | 99 | 85 |
| MB 880-111864/1-A | Method Blank | 85 | 83 |

Surrogate Legend
 1CO = 1-Chlorooctane (Surr)
 OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-59114-1
 SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-111766/5-A
 Matrix: Solid
 Analysis Batch: 111753

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 111766

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/09/25 10:26 | 06/09/25 13:40 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/09/25 10:26 | 06/09/25 13:40 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/09/25 10:26 | 06/09/25 13:40 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 06/09/25 10:26 | 06/09/25 13:40 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/09/25 10:26 | 06/09/25 13:40 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 06/09/25 10:26 | 06/09/25 13:40 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 98 | | 70 - 130 | 06/09/25 10:26 | 06/09/25 13:40 | 1 |
| 1,4-Difluorobenzene (Surr) | 90 | | 70 - 130 | 06/09/25 10:26 | 06/09/25 13:40 | 1 |

Lab Sample ID: LCS 880-111766/1-A
 Matrix: Solid
 Analysis Batch: 111753

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 111766

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|-------------|------------|---------------|-------|---|------|-------------|
| Benzene | 0.100 | 0.09768 | | mg/Kg | | 98 | 70 - 130 |
| Toluene | 0.100 | 0.08918 | | mg/Kg | | 89 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.09476 | | mg/Kg | | 95 | 70 - 130 |
| m-Xylene & p-Xylene | 0.200 | 0.1990 | | mg/Kg | | 100 | 70 - 130 |
| o-Xylene | 0.100 | 0.09898 | | mg/Kg | | 99 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 95 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 |

Lab Sample ID: LCSD 880-111766/2-A
 Matrix: Solid
 Analysis Batch: 111753

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 111766

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Benzene | 0.100 | 0.1004 | | mg/Kg | | 100 | 70 - 130 | 3 | 35 |
| Toluene | 0.100 | 0.09131 | | mg/Kg | | 91 | 70 - 130 | 2 | 35 |
| Ethylbenzene | 0.100 | 0.09765 | | mg/Kg | | 98 | 70 - 130 | 3 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.2051 | | mg/Kg | | 103 | 70 - 130 | 3 | 35 |
| o-Xylene | 0.100 | 0.1020 | | mg/Kg | | 102 | 70 - 130 | 3 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|-----------------------------|----------------|----------------|----------|
| 4-Bromofluorobenzene (Surr) | 96 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 105 | | 70 - 130 |

Lab Sample ID: 880-59079-A-1-B MS
 Matrix: Solid
 Analysis Batch: 111753

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 111766

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Benzene | <0.00199 | U | 0.100 | 0.1048 | | mg/Kg | | 105 | 70 - 130 |
| Toluene | <0.00199 | U | 0.100 | 0.08507 | | mg/Kg | | 85 | 70 - 130 |

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-59114-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-59079-A-1-B MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 111753

Prep Batch: 111766

| Analyte | Sample | Sample | Spike | MS | MS | Unit | D | %Rec | %Rec |
|---------------------|----------|-----------|-------|---------|-----------|-------|---|------|----------|
| | Result | Qualifier | | Result | Qualifier | | | | |
| Ethylbenzene | <0.00199 | U | 0.100 | 0.08487 | | mg/Kg | | 85 | 70 - 130 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.200 | 0.1717 | | mg/Kg | | 86 | 70 - 130 |
| o-Xylene | <0.00199 | U | 0.100 | 0.08480 | | mg/Kg | | 85 | 70 - 130 |

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

Lab Sample ID: 880-59079-A-1-C MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 111753

Prep Batch: 111766

| Analyte | Sample | Sample | Spike | MSD | MSD | Unit | D | %Rec | %Rec | RPD | Limit |
|---------------------|----------|-----------|-------|---------|-----------|-------|---|------|----------|-----|-------|
| | Result | Qualifier | | Result | Qualifier | | | | | | |
| Benzene | <0.00199 | U | 0.100 | 0.09806 | | mg/Kg | | 98 | 70 - 130 | 7 | 35 |
| Toluene | <0.00199 | U | 0.100 | 0.08716 | | mg/Kg | | 87 | 70 - 130 | 2 | 35 |
| Ethylbenzene | <0.00199 | U | 0.100 | 0.09075 | | mg/Kg | | 91 | 70 - 130 | 7 | 35 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.200 | 0.1906 | | mg/Kg | | 95 | 70 - 130 | 10 | 35 |
| o-Xylene | <0.00199 | U | 0.100 | 0.09520 | | mg/Kg | | 95 | 70 - 130 | 12 | 35 |

| Surrogate | MSD | MSD | Limits |
|-----------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 4-Bromofluorobenzene (Surr) | 95 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 101 | | 70 - 130 |

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

Lab Sample ID: MB 880-111864/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 111872

Prep Batch: 111864

| 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 | | 06/10/25 09:02 | 06/11/25 01:37 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 06/10/25 09:02 | 06/11/25 01:37 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 06/10/25 09:02 | 06/11/25 01:37 | 1 |

| Surrogate | MB | MB | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| 1-Chlorooctane (Surr) | 85 | | 70 - 130 | 06/10/25 09:02 | 06/11/25 01:37 | 1 |
| o-Terphenyl (Surr) | 83 | | 70 - 130 | 06/10/25 09:02 | 06/11/25 01:37 | 1 |

Lab Sample ID: LCS 880-111864/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 111872

Prep Batch: 111864

| Analyte | Spike | LCS | LCS | Unit | D | %Rec | %Rec |
|--------------------------------------|-------|-------|-----|-------|---|------|----------|
| | | | | | | | |
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 875.1 | | mg/Kg | | 88 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 928.3 | | mg/Kg | | 93 | 70 - 130 |

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-59114-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-111864/2-A
Matrix: Solid
Analysis Batch: 111872

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111864

| Surrogate | LCS | | Limits |
|-----------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1-Chlorooctane (Surr) | 78 | | 70 - 130 |
| o-Terphenyl (Surr) | 83 | | 70 - 130 |

Lab Sample ID: LCSD 880-111864/3-A
Matrix: Solid
Analysis Batch: 111872

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 111864

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec | | RPD | Limit |
|--------------------------------------|-------------|-------------|----------------|-------|---|------|----------|-----|-----|-------|
| | | | | | | | Limits | RPD | | |
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 901.1 | | mg/Kg | | 90 | 70 - 130 | 3 | | 20 |
| Diesel Range Organics (Over C10-C28) | 1000 | 904.8 | | mg/Kg | | 90 | 70 - 130 | 3 | | 20 |

| Surrogate | LCSD | | Limits |
|-----------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1-Chlorooctane (Surr) | 99 | | 70 - 130 |
| o-Terphenyl (Surr) | 85 | | 70 - 130 |

Lab Sample ID: 880-59113-A-1-C MS
Matrix: Solid
Analysis Batch: 111872

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 111864

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec | | RPD | Limit |
|--------------------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|----------|-----|-----|-------|
| | | | | | | | | | Limits | RPD | | |
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 998 | 704.2 | | mg/Kg | | 71 | 70 - 130 | | | |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 998 | 850.3 | | mg/Kg | | 85 | 70 - 130 | | | |

| Surrogate | MS | | Limits |
|-----------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1-Chlorooctane (Surr) | 108 | | 70 - 130 |
| o-Terphenyl (Surr) | 96 | | 70 - 130 |

Lab Sample ID: 880-59113-A-1-D MSD
Matrix: Solid
Analysis Batch: 111872

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 111864

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec | | RPD | Limit |
|--------------------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|----------|-----|-----|-------|
| | | | | | | | | | Limits | RPD | | |
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 998 | 707.6 | | mg/Kg | | 71 | 70 - 130 | 0 | | 20 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 998 | 846.0 | | mg/Kg | | 85 | 70 - 130 | 1 | | 20 |

| Surrogate | MSD | | Limits |
|-----------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1-Chlorooctane (Surr) | 109 | | 70 - 130 |
| o-Terphenyl (Surr) | 97 | | 70 - 130 |

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-59114-1
 SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-111853/1-A
 Matrix: Solid
 Analysis Batch: 111854

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 | | | 06/10/25 08:51 | 1 |

Lab Sample ID: LCS 880-111853/2-A
 Matrix: Solid
 Analysis Batch: 111854

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|-------|---|------|-------------|
| Chloride | 250 | 244.1 | | mg/Kg | | 98 | 90 - 110 |

Lab Sample ID: LCSD 880-111853/3-A
 Matrix: Solid
 Analysis Batch: 111854

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 | 244.9 | | mg/Kg | | 98 | 90 - 110 | 0 | 20 |

Lab Sample ID: 880-59089-A-1-B MS
 Matrix: Solid
 Analysis Batch: 111854

Client Sample ID: Matrix Spike
 Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Chloride | 156 | F1 | 251 | 461.6 | F1 | mg/Kg | | 122 | 90 - 110 |

Lab Sample ID: 880-59089-A-1-C MSD
 Matrix: Solid
 Analysis Batch: 111854

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 156 | F1 | 251 | 458.0 | F1 | mg/Kg | | 120 | 90 - 110 | 1 | 20 |

QC Association Summary

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-59114-1
 SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 111753

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 880-59114-1 | Backfill | Total/NA | Solid | 8021B | 111766 |
| MB 880-111766/5-A | Method Blank | Total/NA | Solid | 8021B | 111766 |
| LCS 880-111766/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 111766 |
| LCSD 880-111766/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 111766 |
| 880-59079-A-1-B MS | Matrix Spike | Total/NA | Solid | 8021B | 111766 |
| 880-59079-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 111766 |

Prep Batch: 111766

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 880-59114-1 | Backfill | Total/NA | Solid | 5035 | |
| MB 880-111766/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-111766/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-111766/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-59079-A-1-B MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 880-59079-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

Analysis Batch: 111907

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 880-59114-1 | Backfill | Total/NA | Solid | Total BTEX | |

GC Semi VOA

Prep Batch: 111864

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|-------------|------------|
| 880-59114-1 | Backfill | Total/NA | Solid | 8015NM Prep | |
| MB 880-111864/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-111864/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-111864/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-59113-A-1-C MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-59113-A-1-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 111872

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-59114-1 | Backfill | Total/NA | Solid | 8015B NM | 111864 |
| MB 880-111864/1-A | Method Blank | Total/NA | Solid | 8015B NM | 111864 |
| LCS 880-111864/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 111864 |
| LCSD 880-111864/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 111864 |
| 880-59113-A-1-C MS | Matrix Spike | Total/NA | Solid | 8015B NM | 111864 |
| 880-59113-A-1-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 111864 |

Analysis Batch: 111976

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 880-59114-1 | Backfill | Total/NA | Solid | 8015 NM | |

HPLC/IC

Leach Batch: 111853

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-59114-1 | Backfill | Soluble | Solid | DI Leach | |
| MB 880-111853/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-111853/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-111853/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-59114-1
 SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 111853 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-59089-A-1-B MS | Matrix Spike | Soluble | Solid | DI Leach | |
| 880-59089-A-1-C MSD | Matrix Spike Duplicate | Soluble | Solid | DI Leach | |

Analysis Batch: 111854

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 880-59114-1 | Backfill | Soluble | Solid | 300.0 | 111853 |
| MB 880-111853/1-A | Method Blank | Soluble | Solid | 300.0 | 111853 |
| LCS 880-111853/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 111853 |
| LCSD 880-111853/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 111853 |
| 880-59089-A-1-B MS | Matrix Spike | Soluble | Solid | 300.0 | 111853 |
| 880-59089-A-1-C MSD | Matrix Spike Duplicate | Soluble | Solid | 300.0 | 111853 |

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

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Federal Unit 21H

Job ID: 880-59114-1
 SDG: Lea County, New Mexico

Client Sample ID: Backfill

Lab Sample ID: 880-59114-1

Date Collected: 06/09/25 00:00

Matrix: Solid

Date Received: 06/09/25 15:32

| 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 | 111766 | 06/09/25 16:44 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 111753 | 06/09/25 21:45 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 111907 | 06/09/25 21:45 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 111976 | 06/11/25 03:11 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 111864 | 06/10/25 09:02 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 111872 | 06/11/25 03:11 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 111853 | 06/09/25 16:52 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 111854 | 06/10/25 10:51 | SMC | 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: Lea Federal Unit 21H

Job ID: 880-59114-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

| Authority | Program | Identification Number | Expiration Date | | | | | | | | | | | | |
|--|-------------|-----------------------|-----------------|-----------------|-------------|--------|---------|---------|--|-------|-----------|------------|--|-------|------------|
| Texas | NELAP | T104704400 | 06-30-25 | | | | | | | | | | | | |
| <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: Lea Federal Unit 21H

Job ID: 880-59114-1
SDG: Lea County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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



Sample Summary

Client: Carmona Resources
Project/Site: Lea Federal Unit 21H

Job ID: 880-59114-1
SDG: Lea County, New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---------------|------------------|--------|----------------|----------------|
| 880-59114-1 | Backfill | Solid | 06/09/25 00:00 | 06/09/25 15:32 |

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-59114-1
SDG Number: Lea County, New Mexico

Login Number: 59114

List Number: 1

Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

- 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: Ashton Thielke
 Carmona Resources
 310 W Wall St
 Ste 500
 Midland, Texas 79701

Generated 11/3/2025 11:18:10 AM

JOB DESCRIPTION

LEA FEDERAL UNIT 21 H
 2716

JOB NUMBER

890-9003-1

Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad NM 88220



Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
11/3/2025 11:18:10 AM

Authorized for release by
Jessica Kramer, Project Manager
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: LEA FEDERAL UNIT 21 H

Laboratory Job ID: 890-9003-1
SDG: 2716

Table of Contents

| | |
|----------------------------------|----|
| Cover Page | 1 |
| Table of Contents | 3 |
| Definitions/Glossary | 4 |
| Case Narrative | 5 |
| Client Sample Results | 7 |
| Surrogate Summary | 22 |
| QC Sample Results | 24 |
| QC Association Summary | 30 |
| Lab Chronicle | 35 |
| Certification Summary | 42 |
| Method Summary | 43 |
| Sample Summary | 44 |
| Chain of Custody | 45 |
| Receipt Checklists | 47 |

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

Definitions/Glossary

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

Qualifiers

GC VOA

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

GC Semi VOA

| Qualifier | Qualifier Description |
|-----------|---|
| *- | LCS and/or LCSD is outside acceptance limits, low biased. |
| *1 | LCS/LCSD RPD exceeds control limits. |
| 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: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1

Job ID: 890-9003-1

Eurofins Carlsbad

Job Narrative 890-9003-1

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 10/31/2025 11:16 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -5.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS - 1 (1.5') (890-9003-1), CS - 2 (1.5') (890-9003-2), CS - 3 (1.5') (890-9003-3), CS - 4 (1.5') (890-9003-4), CS - 5 (1.5') (890-9003-5), CS - 6 (1.5') (890-9003-6), CS - 7 (1.5') (890-9003-7), CS - 8 (1.5') (890-9003-8), CS - 9 (1.5') (890-9003-9), CS - 10 (1.5') (890-9003-10), CS - 11 (1.5') (890-9003-11), CS - 12 (1.5') (890-9003-12), CS - 13 (1.5') (890-9003-13), CS - 14 (1.5') (890-9003-14), CS - 15 (1.5') (890-9003-15), CS - 16 (1.5') (890-9003-16), CS - 17 (1.5') (890-9003-17), CS - 18 (1.5') (890-9003-18), CS - 19 (1.5') (890-9003-19) and CS - 20 (1.5') (890-9003-20).

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS - 13 (1.5') (890-9003-13), CS - 14 (1.5') (890-9003-14), CS - 17 (1.5') (890-9003-17), CS - 18 (1.5') (890-9003-18) and CS - 19 (1.5') (890-9003-19). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS - 1 (1.5') (890-9003-1), (LCS 880-122664/2-A), (890-9002-A-1-F MS) and (890-9002-A-1-G MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-122664 and analytical batch 880-122675 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-122665 and analytical batch 880-122677 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 880-122665 and analytical batch 880-122677 was outside the control limits.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-122641 and analytical batch 880-122662 were outside control limits for Chloride. 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.

Eurofins Carlsbad

Case Narrative

Client: Carmona Resources
Project: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1

Job ID: 890-9003-1 (Continued)

Eurofins Carlsbad

The associated samples are: CS - 11 (1.5') (890-9003-11), CS - 12 (1.5') (890-9003-12), CS - 13 (1.5') (890-9003-13), CS - 14 (1.5') (890-9003-14), CS - 15 (1.5') (890-9003-15), CS - 16 (1.5') (890-9003-16), CS - 17 (1.5') (890-9003-17), CS - 18 (1.5') (890-9003-18), CS - 19 (1.5') (890-9003-19), CS - 20 (1.5') (890-9003-20), (890-9003-A-11-C MS) and (890-9003-A-11-D MSD).

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

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

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

Client Sample ID: CS - 1 (1.5')

Lab Sample ID: 890-9003-1

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:32 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:32 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:32 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:32 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:32 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:32 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 116 | | 70 - 130 | 11/01/25 14:06 | 11/01/25 21:32 | 1 |
| 1,4-Difluorobenzene (Surr) | 102 | | 70 - 130 | 11/01/25 14:06 | 11/01/25 21:32 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 11/01/25 21:32 | 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 | | | 11/03/25 00:48 | 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 *- *1 | 50.0 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 00:48 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U *- *1 | 50.0 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 00:48 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 00:48 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 110 | | 70 - 130 | 11/02/25 17:19 | 11/03/25 00:48 | 1 |
| o-Terphenyl (Surr) | 138 | S1+ | 70 - 130 | 11/02/25 17:19 | 11/03/25 00:48 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 186 | | 10.1 | | mg/Kg | | | 11/02/25 14:51 | 1 |

Client Sample ID: CS - 2 (1.5')

Lab Sample ID: 890-9003-2

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:53 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:53 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:53 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:53 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:53 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:53 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 117 | | 70 - 130 | 11/01/25 14:06 | 11/01/25 21:53 | 1 |
| 1,4-Difluorobenzene (Surr) | 103 | | 70 - 130 | 11/01/25 14:06 | 11/01/25 21:53 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

Client Sample ID: CS - 2 (1.5')

Lab Sample ID: 890-9003-2

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 11/01/25 21:53 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 11/03/25 01:01 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U *- *1 | 50.0 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 01:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U *- *1 | 50.0 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 01:01 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 01:01 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 102 | | 70 - 130 | 11/02/25 17:19 | 11/03/25 01:01 | 1 |
| o-Terphenyl (Surr) | 129 | | 70 - 130 | 11/02/25 17:19 | 11/03/25 01:01 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 130 | | 10.1 | | mg/Kg | | | 11/02/25 15:06 | 1 |

Client Sample ID: CS - 3 (1.5')

Lab Sample ID: 890-9003-3

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 22:13 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 22:13 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 22:13 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 22:13 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 22:13 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 22:13 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 116 | | 70 - 130 | 11/01/25 14:06 | 11/01/25 22:13 | 1 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 | 11/01/25 14:06 | 11/01/25 22:13 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 11/01/25 22:13 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 11/03/25 01:16 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U *- *1 | 49.9 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 01:16 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U *- *1 | 49.9 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 01:16 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

Client Sample ID: CS - 3 (1.5')

Lab Sample ID: 890-9003-3

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 01:16 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 98 | | 70 - 130 | | | | 11/02/25 17:19 | 11/03/25 01:16 | 1 |
| o-Terphenyl (Surr) | 127 | | 70 - 130 | | | | 11/02/25 17:19 | 11/03/25 01:16 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 132 | | 10.0 | | mg/Kg | | | 11/02/25 15:12 | 1 |

Client Sample ID: CS - 4 (1.5')

Lab Sample ID: 890-9003-4

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 22:34 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 22:34 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 22:34 | 1 |
| m-Xylene & p-Xylene | <0.00397 | U | 0.00397 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 22:34 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 22:34 | 1 |
| Xylenes, Total | <0.00397 | U | 0.00397 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 22:34 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 112 | | 70 - 130 | | | | 11/01/25 14:06 | 11/01/25 22:34 | 1 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 | | | | 11/01/25 14:06 | 11/01/25 22:34 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00397 | U | 0.00397 | | mg/Kg | | | 11/01/25 22:34 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 11/03/25 01:30 | 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 | <50.0 | U *- *1 | 50.0 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 01:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U *- *1 | 50.0 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 01:30 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 01:30 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 97 | | 70 - 130 | | | | 11/02/25 17:19 | 11/03/25 01:30 | 1 |
| o-Terphenyl (Surr) | 123 | | 70 - 130 | | | | 11/02/25 17:19 | 11/03/25 01:30 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 105 | | 10.0 | | mg/Kg | | | 11/02/25 15:17 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

Client Sample ID: CS - 5 (1.5')

Lab Sample ID: 890-9003-5

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 22:54 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 22:54 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 22:54 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 22:54 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 22:54 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 22:54 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 88 | | 70 - 130 | 11/01/25 14:06 | 11/01/25 22:54 | 1 |
| 1,4-Difluorobenzene (Surr) | 73 | | 70 - 130 | 11/01/25 14:06 | 11/01/25 22:54 | 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 | | | 11/01/25 22:54 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 11/03/25 01:44 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U *- *1 | 49.8 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 01:44 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U *- *1 | 49.8 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 01:44 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 01:44 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 101 | | 70 - 130 | 11/02/25 17:19 | 11/03/25 01:44 | 1 |
| o-Terphenyl (Surr) | 126 | | 70 - 130 | 11/02/25 17:19 | 11/03/25 01:44 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 185 | | 10.1 | | mg/Kg | | | 11/02/25 15:22 | 1 |

Client Sample ID: CS - 6 (1.5')

Lab Sample ID: 890-9003-6

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 23:14 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 23:14 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 23:14 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 23:14 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 23:14 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 23:14 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 115 | | 70 - 130 | 11/01/25 14:06 | 11/01/25 23:14 | 1 |
| 1,4-Difluorobenzene (Surr) | 101 | | 70 - 130 | 11/01/25 14:06 | 11/01/25 23:14 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

Client Sample ID: CS - 6 (1.5')

Lab Sample ID: 890-9003-6

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 11/01/25 23:14 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 11/03/25 01:58 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U *- *1 | 49.8 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 01:58 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U *- *1 | 49.8 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 01:58 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 01:58 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 103 | | 70 - 130 | 11/02/25 17:19 | 11/03/25 01:58 | 1 |
| o-Terphenyl (Surr) | 128 | | 70 - 130 | 11/02/25 17:19 | 11/03/25 01:58 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 129 | | 10.0 | | mg/Kg | | | 11/02/25 15:38 | 1 |

Client Sample ID: CS - 7 (1.5')

Lab Sample ID: 890-9003-7

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 23:35 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 23:35 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 23:35 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 23:35 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 23:35 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 23:35 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 120 | | 70 - 130 | 11/01/25 14:06 | 11/01/25 23:35 | 1 |
| 1,4-Difluorobenzene (Surr) | 102 | | 70 - 130 | 11/01/25 14:06 | 11/01/25 23:35 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 11/01/25 23:35 | 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 | | | 11/03/25 02:13 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U *- *1 | 49.9 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 02:13 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U *- *1 | 49.9 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 02:13 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

Client Sample ID: CS - 7 (1.5')

Lab Sample ID: 890-9003-7

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 02:13 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 99 | | 70 - 130 | | | | 11/02/25 17:19 | 11/03/25 02:13 | 1 |
| o-Terphenyl (Surr) | 123 | | 70 - 130 | | | | 11/02/25 17:19 | 11/03/25 02:13 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 159 | | 9.96 | | mg/Kg | | | 11/02/25 15:43 | 1 |

Client Sample ID: CS - 8 (1.5')

Lab Sample ID: 890-9003-8

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 23:55 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 23:55 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 23:55 | 1 |
| m-Xylene & p-Xylene | <0.00403 | U | 0.00403 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 23:55 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 23:55 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 23:55 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 115 | | 70 - 130 | | | | 11/01/25 14:06 | 11/01/25 23:55 | 1 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 | | | | 11/01/25 14:06 | 11/01/25 23:55 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | | 11/01/25 23:55 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 11/03/25 02:26 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U *- *1 | 50.0 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 02:26 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U *- *1 | 50.0 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 02:26 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 02:26 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 101 | | 70 - 130 | | | | 11/02/25 17:19 | 11/03/25 02:26 | 1 |
| o-Terphenyl (Surr) | 126 | | 70 - 130 | | | | 11/02/25 17:19 | 11/03/25 02:26 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 92.6 | | 9.98 | | mg/Kg | | | 11/02/25 15:48 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

Client Sample ID: CS - 9 (1.5')

Lab Sample ID: 890-9003-9

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 00:16 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 00:16 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 00:16 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 00:16 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 00:16 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 00:16 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 111 | | 70 - 130 | 11/01/25 14:06 | 11/02/25 00:16 | 1 |
| 1,4-Difluorobenzene (Surr) | 97 | | 70 - 130 | 11/01/25 14:06 | 11/02/25 00:16 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 11/02/25 00:16 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 11/03/25 02:41 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U * - *1 | 49.9 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 02:41 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U * - *1 | 49.9 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 02:41 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 02:41 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 96 | | 70 - 130 | 11/02/25 17:19 | 11/03/25 02:41 | 1 |
| o-Terphenyl (Surr) | 121 | | 70 - 130 | 11/02/25 17:19 | 11/03/25 02:41 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 176 | | 10.1 | | mg/Kg | | | 11/02/25 15:53 | 1 |

Client Sample ID: CS - 10 (1.5')

Lab Sample ID: 890-9003-10

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 00:36 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 00:36 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 00:36 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 00:36 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 00:36 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 00:36 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 113 | | 70 - 130 | 11/01/25 14:06 | 11/02/25 00:36 | 1 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 | 11/01/25 14:06 | 11/02/25 00:36 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

Client Sample ID: CS - 10 (1.5')

Lab Sample ID: 890-9003-10

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 11/02/25 00:36 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 11/03/25 03:09 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U *- *1 | 50.0 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 03:09 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U *- *1 | 50.0 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 03:09 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 03:09 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 103 | | 70 - 130 | 11/02/25 17:19 | 11/03/25 03:09 | 1 |
| o-Terphenyl (Surr) | 128 | | 70 - 130 | 11/02/25 17:19 | 11/03/25 03:09 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 121 | | 10.1 | | mg/Kg | | | 11/02/25 15:59 | 1 |

Client Sample ID: CS - 11 (1.5')

Lab Sample ID: 890-9003-11

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 01:31 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 01:31 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 01:31 | 1 |
| m-Xylene & p-Xylene | <0.00404 | U | 0.00404 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 01:31 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 01:31 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 01:31 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 113 | | 70 - 130 | 11/01/25 14:06 | 11/02/25 01:31 | 1 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 | 11/01/25 14:06 | 11/02/25 01:31 | 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 | | | 11/02/25 01:31 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 11/03/25 03:23 | 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 *- *1 | 49.8 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 03:23 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U *- *1 | 49.8 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 03:23 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

Client Sample ID: CS - 11 (1.5')

Lab Sample ID: 890-9003-11

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 03:23 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 99 | | 70 - 130 | | | | 11/02/25 17:19 | 11/03/25 03:23 | 1 |
| o-Terphenyl (Surr) | 123 | | 70 - 130 | | | | 11/02/25 17:19 | 11/03/25 03:23 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 179 | F1 | 9.94 | | mg/Kg | | | 11/02/25 16:04 | 1 |

Client Sample ID: CS - 12 (1.5')

Lab Sample ID: 890-9003-12

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 01:49 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 01:49 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 01:49 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 01:49 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 01:49 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 01:49 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 108 | | 70 - 130 | | | | 11/01/25 14:06 | 11/02/25 01:49 | 1 |
| 1,4-Difluorobenzene (Surr) | 92 | | 70 - 130 | | | | 11/01/25 14:06 | 11/02/25 01:49 | 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 | | | 11/02/25 01:49 | 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 | | | 11/03/25 03:38 | 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 | <49.9 | U *- *1 | 49.9 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 03:38 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U *- *1 | 49.9 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 03:38 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 03:38 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 97 | | 70 - 130 | | | | 11/02/25 17:19 | 11/03/25 03:38 | 1 |
| o-Terphenyl (Surr) | 120 | | 70 - 130 | | | | 11/02/25 17:19 | 11/03/25 03:38 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 99.7 | | 9.98 | | mg/Kg | | | 11/02/25 16:20 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

Client Sample ID: CS - 13 (1.5')

Lab Sample ID: 890-9003-13

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 01:51 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 01:51 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 01:51 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 01:51 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 01:51 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 01:51 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 115 | | 70 - 130 | 11/01/25 14:06 | 11/02/25 01:51 | 1 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 | 11/01/25 14:06 | 11/02/25 01:51 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 11/02/25 01:51 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 11/03/25 00:05 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U F1 | 49.9 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 00:05 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 00:05 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 00:05 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 63 | S1- | 70 - 130 | 11/02/25 17:23 | 11/03/25 00:05 | 1 |
| o-Terphenyl (Surr) | 81 | | 70 - 130 | 11/02/25 17:23 | 11/03/25 00:05 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 60.5 | | 10.0 | | mg/Kg | | | 11/02/25 16:25 | 1 |

Client Sample ID: CS - 14 (1.5')

Lab Sample ID: 890-9003-14

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 02:11 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 02:11 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 02:11 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 02:11 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 02:11 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 02:11 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 117 | | 70 - 130 | 11/01/25 14:06 | 11/02/25 02:11 | 1 |
| 1,4-Difluorobenzene (Surr) | 97 | | 70 - 130 | 11/01/25 14:06 | 11/02/25 02:11 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

Client Sample ID: CS - 14 (1.5')

Lab Sample ID: 890-9003-14

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 11/02/25 02:11 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 11/03/25 00:48 | 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 | <49.8 | U | 49.8 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 00:48 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 00:48 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 00:48 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 65 | S1- | 70 - 130 | 11/02/25 17:23 | 11/03/25 00:48 | 1 |
| o-Terphenyl (Surr) | 81 | | 70 - 130 | 11/02/25 17:23 | 11/03/25 00:48 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 120 | | 9.96 | | mg/Kg | | | 11/02/25 16:41 | 1 |

Client Sample ID: CS - 15 (1.5')

Lab Sample ID: 890-9003-15

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 02:32 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 02:32 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 02:32 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 02:32 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 02:32 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 02:32 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 112 | | 70 - 130 | 11/01/25 14:06 | 11/02/25 02:32 | 1 |
| 1,4-Difluorobenzene (Surr) | 94 | | 70 - 130 | 11/01/25 14:06 | 11/02/25 02:32 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 11/02/25 02:32 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 11/03/25 01:01 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 01:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 01:01 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

Client Sample ID: CS - 15 (1.5')

Lab Sample ID: 890-9003-15

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 01:01 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 79 | | 70 - 130 | | | | 11/02/25 17:23 | 11/03/25 01:01 | 1 |
| o-Terphenyl (Surr) | 96 | | 70 - 130 | | | | 11/02/25 17:23 | 11/03/25 01:01 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 161 | | 9.92 | | mg/Kg | | | 11/02/25 16:46 | 1 |

Client Sample ID: CS - 16 (1.5')

Lab Sample ID: 890-9003-16

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 02:52 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 02:52 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 02:52 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 02:52 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 02:52 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 02:52 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 114 | | 70 - 130 | | | | 11/01/25 14:06 | 11/02/25 02:52 | 1 |
| 1,4-Difluorobenzene (Surr) | 101 | | 70 - 130 | | | | 11/01/25 14:06 | 11/02/25 02:52 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 11/02/25 02:52 | 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 | | | 11/03/25 01:16 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 01:16 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 01:16 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 01:16 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 73 | | 70 - 130 | | | | 11/02/25 17:23 | 11/03/25 01:16 | 1 |
| o-Terphenyl (Surr) | 90 | | 70 - 130 | | | | 11/02/25 17:23 | 11/03/25 01:16 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 92.1 | | 9.90 | | mg/Kg | | | 11/02/25 16:51 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

Client Sample ID: CS - 17 (1.5')

Lab Sample ID: 890-9003-17

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 03:13 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 03:13 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 03:13 | 1 |
| m-Xylene & p-Xylene | <0.00397 | U | 0.00397 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 03:13 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 03:13 | 1 |
| Xylenes, Total | <0.00397 | U | 0.00397 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 03:13 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 117 | | 70 - 130 | 11/01/25 14:06 | 11/02/25 03:13 | 1 |
| 1,4-Difluorobenzene (Surr) | 102 | | 70 - 130 | 11/01/25 14:06 | 11/02/25 03:13 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00397 | U | 0.00397 | | mg/Kg | | | 11/02/25 03:13 | 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 | | | 11/03/25 01:30 | 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 | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 01:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 01:30 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 01:30 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 66 | S1- | 70 - 130 | 11/02/25 17:23 | 11/03/25 01:30 | 1 |
| o-Terphenyl (Surr) | 82 | | 70 - 130 | 11/02/25 17:23 | 11/03/25 01:30 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 159 | | 10.0 | | mg/Kg | | | 11/02/25 16:56 | 1 |

Client Sample ID: CS - 18 (1.5')

Lab Sample ID: 890-9003-18

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 03:33 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 03:33 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 03:33 | 1 |
| m-Xylene & p-Xylene | <0.00403 | U | 0.00403 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 03:33 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 03:33 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 03:33 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 113 | | 70 - 130 | 11/01/25 14:06 | 11/02/25 03:33 | 1 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 | 11/01/25 14:06 | 11/02/25 03:33 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

Client Sample ID: CS - 18 (1.5')

Lab Sample ID: 890-9003-18

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | | 11/02/25 03:33 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 11/03/25 01:44 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 01:44 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 01:44 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 01:44 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 69 | S1- | 70 - 130 | 11/02/25 17:23 | 11/03/25 01:44 | 1 |
| o-Terphenyl (Surr) | 86 | | 70 - 130 | 11/02/25 17:23 | 11/03/25 01:44 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 91.8 | | 9.98 | | mg/Kg | | | 11/02/25 17:02 | 1 |

Client Sample ID: CS - 19 (1.5')

Lab Sample ID: 890-9003-19

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 03:53 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 03:53 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 03:53 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 03:53 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 03:53 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 03:53 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 114 | | 70 - 130 | 11/01/25 14:06 | 11/02/25 03:53 | 1 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 | 11/01/25 14:06 | 11/02/25 03:53 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 11/02/25 03:53 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 11/03/25 01:58 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 01:58 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 01:58 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

Client Sample ID: CS - 19 (1.5')

Lab Sample ID: 890-9003-19

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 01:58 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 69 | S1- | 70 - 130 | | | | 11/02/25 17:23 | 11/03/25 01:58 | 1 |
| o-Terphenyl (Surr) | 85 | | 70 - 130 | | | | 11/02/25 17:23 | 11/03/25 01:58 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 157 | | 9.94 | | mg/Kg | | | 11/02/25 17:07 | 1 |

Client Sample ID: CS - 20 (1.5')

Lab Sample ID: 890-9003-20

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 04:14 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 04:14 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 04:14 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 04:14 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 04:14 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 11/01/25 14:06 | 11/02/25 04:14 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 113 | | 70 - 130 | | | | 11/01/25 14:06 | 11/02/25 04:14 | 1 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 | | | | 11/01/25 14:06 | 11/02/25 04:14 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 11/02/25 04:14 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 11/03/25 02:13 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 02:13 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 02:13 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 02:13 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 73 | | 70 - 130 | | | | 11/02/25 17:23 | 11/03/25 02:13 | 1 |
| o-Terphenyl (Surr) | 89 | | 70 - 130 | | | | 11/02/25 17:23 | 11/03/25 02:13 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 92.9 | | 10.1 | | mg/Kg | | | 11/02/25 17:12 | 1 |

Eurofins Carlsbad

Surrogate Summary

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

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) |
| 890-9003-1 | CS - 1 (1.5') | 116 | 102 |
| 890-9003-1 MS | CS - 1 (1.5') | 107 | 93 |
| 890-9003-1 MSD | CS - 1 (1.5') | 113 | 98 |
| 890-9003-2 | CS - 2 (1.5') | 117 | 103 |
| 890-9003-3 | CS - 3 (1.5') | 116 | 99 |
| 890-9003-4 | CS - 4 (1.5') | 112 | 99 |
| 890-9003-5 | CS - 5 (1.5') | 88 | 73 |
| 890-9003-6 | CS - 6 (1.5') | 115 | 101 |
| 890-9003-7 | CS - 7 (1.5') | 120 | 102 |
| 890-9003-8 | CS - 8 (1.5') | 115 | 98 |
| 890-9003-9 | CS - 9 (1.5') | 111 | 97 |
| 890-9003-10 | CS - 10 (1.5') | 113 | 99 |
| 890-9003-11 | CS - 11 (1.5') | 113 | 100 |
| 890-9003-12 | CS - 12 (1.5') | 108 | 92 |
| 890-9003-13 | CS - 13 (1.5') | 115 | 98 |
| 890-9003-14 | CS - 14 (1.5') | 117 | 97 |
| 890-9003-15 | CS - 15 (1.5') | 112 | 94 |
| 890-9003-16 | CS - 16 (1.5') | 114 | 101 |
| 890-9003-17 | CS - 17 (1.5') | 117 | 102 |
| 890-9003-18 | CS - 18 (1.5') | 113 | 99 |
| 890-9003-19 | CS - 19 (1.5') | 114 | 100 |
| 890-9003-20 | CS - 20 (1.5') | 113 | 100 |
| LCS 880-122638/1-A | Lab Control Sample | 106 | 94 |
| LCS D 880-122638/2-A | Lab Control Sample Dup | 107 | 96 |
| MB 880-122517/5-A | Method Blank | 109 | 93 |
| MB 880-122638/5-A | Method Blank | 110 | 93 |

Surrogate Legend

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

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

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | |
|--------------------|------------------------|--|-------------------|
| | | 1CO1 (70-130) | OTPH1 (70-130) |
| 890-9002-A-1-F MS | Matrix Spike | 118 | 131 S1+ |
| 890-9002-A-1-G MSD | Matrix Spike Duplicate | 118 | 131 S1+ |
| 890-9003-1 | CS - 1 (1.5') | 110 | 138 S1+ |
| 890-9003-2 | CS - 2 (1.5') | 102 | 129 |
| 890-9003-3 | CS - 3 (1.5') | 98 | 127 |
| 890-9003-4 | CS - 4 (1.5') | 97 | 123 |
| 890-9003-5 | CS - 5 (1.5') | 101 | 126 |
| 890-9003-6 | CS - 6 (1.5') | 103 | 128 |
| 890-9003-7 | CS - 7 (1.5') | 99 | 123 |
| 890-9003-8 | CS - 8 (1.5') | 101 | 126 |
| 890-9003-9 | CS - 9 (1.5') | 96 | 121 |
| 890-9003-10 | CS - 10 (1.5') | 103 | 128 |
| 890-9003-11 | CS - 11 (1.5') | 99 | 123 |

Eurofins Carlsbad

Surrogate Summary

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

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) |
| 890-9003-12 | CS - 12 (1.5') | 97 | 120 |
| 890-9003-13 | CS - 13 (1.5') | 63 S1- | 81 |
| 890-9003-13 MS | CS - 13 (1.5') | 81 | 89 |
| 890-9003-13 MSD | CS - 13 (1.5') | 83 | 92 |
| 890-9003-14 | CS - 14 (1.5') | 65 S1- | 81 |
| 890-9003-15 | CS - 15 (1.5') | 79 | 96 |
| 890-9003-16 | CS - 16 (1.5') | 73 | 90 |
| 890-9003-17 | CS - 17 (1.5') | 66 S1- | 82 |
| 890-9003-18 | CS - 18 (1.5') | 69 S1- | 86 |
| 890-9003-19 | CS - 19 (1.5') | 69 S1- | 85 |
| 890-9003-20 | CS - 20 (1.5') | 73 | 89 |
| LCS 880-122664/2-A | Lab Control Sample | 118 | 131 S1+ |
| LCS 880-122665/2-A | Lab Control Sample | 81 | 89 |
| LCSD 880-122664/3-A | Lab Control Sample Dup | 113 | 128 |
| LCSD 880-122665/3-A | Lab Control Sample Dup | 81 | 89 |
| MB 880-122664/1-A | Method Blank | 98 | 119 |
| MB 880-122665/1-A | Method Blank | 59 S1- | 73 |

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
 OTPH = o-Terphenyl (Surr)

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

QC Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-122517/5-A
 Matrix: Solid
 Analysis Batch: 122519

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 122517

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/31/25 08:40 | 11/01/25 09:46 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/31/25 08:40 | 11/01/25 09:46 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/31/25 08:40 | 11/01/25 09:46 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 10/31/25 08:40 | 11/01/25 09:46 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/31/25 08:40 | 11/01/25 09:46 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/31/25 08:40 | 11/01/25 09:46 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 109 | | 70 - 130 | | | | 10/31/25 08:40 | 11/01/25 09:46 | 1 |
| 1,4-Difluorobenzene (Surr) | 93 | | 70 - 130 | | | | 10/31/25 08:40 | 11/01/25 09:46 | 1 |

Lab Sample ID: MB 880-122638/5-A
 Matrix: Solid
 Analysis Batch: 122519

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 122638

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:11 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:11 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:11 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:11 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:11 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:11 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 110 | | 70 - 130 | | | | 11/01/25 14:06 | 11/01/25 21:11 | 1 |
| 1,4-Difluorobenzene (Surr) | 93 | | 70 - 130 | | | | 11/01/25 14:06 | 11/01/25 21:11 | 1 |

Lab Sample ID: LCS 880-122638/1-A
 Matrix: Solid
 Analysis Batch: 122519

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 122638

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|-------|---|------|-------------|
| | | | | | | | |
| Toluene | 0.100 | 0.07636 | | mg/Kg | | 76 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.07634 | | mg/Kg | | 76 | 70 - 130 |
| m-Xylene & p-Xylene | 0.200 | 0.1561 | | mg/Kg | | 78 | 70 - 130 |
| o-Xylene | 0.100 | 0.08295 | | mg/Kg | | 83 | 70 - 130 |
| Surrogate | %Recovery | Qualifier | Limits | | | | |
| 4-Bromofluorobenzene (Surr) | 106 | | 70 - 130 | | | | |
| 1,4-Difluorobenzene (Surr) | 94 | | 70 - 130 | | | | |

Lab Sample ID: LCSD 880-122638/2-A
 Matrix: Solid
 Analysis Batch: 122519

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 122638

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | |
|---------|-------------|-------------|----------------|-------|---|------|-------------|-----|-------|
| | | | | | | | | RPD | Limit |
| Benzene | 0.100 | 0.08550 | | mg/Kg | | 85 | 70 - 130 | 17 | 35 |

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

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

Lab Sample ID: LCSD 880-122638/2-A
 Matrix: Solid
 Analysis Batch: 122519

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 122638

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec | | RPD | Limit |
|-----------------------------|------------------|------------------|----------------|-------|---|------|----------|-----|-----|-------|
| | | | | | | | Limits | RPD | | |
| Toluene | 0.100 | 0.08899 | | mg/Kg | | 89 | 70 - 130 | 15 | 35 | |
| Ethylbenzene | 0.100 | 0.08937 | | mg/Kg | | 89 | 70 - 130 | 16 | 35 | |
| m-Xylene & p-Xylene | 0.200 | 0.1815 | | mg/Kg | | 91 | 70 - 130 | 15 | 35 | |
| o-Xylene | 0.100 | 0.09465 | | mg/Kg | | 95 | 70 - 130 | 13 | 35 | |
| | | LCSD | LCSD | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 107 | | 70 - 130 | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 96 | | 70 - 130 | | | | | | | |

Lab Sample ID: 890-9003-1 MS
 Matrix: Solid
 Analysis Batch: 122519

Client Sample ID: CS - 1 (1.5')
 Prep Type: Total/NA
 Prep Batch: 122638

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec | | RPD | Limit |
|-----------------------------|------------------|------------------|---------------|-----------|--------------|-------|---|------|----------|-----|-----|-------|
| | | | | | | | | | Limits | RPD | | |
| Benzene | <0.00199 | U | 0.100 | 0.09395 | | mg/Kg | | 94 | 70 - 130 | | | |
| Toluene | <0.00199 | U | 0.100 | 0.09518 | | mg/Kg | | 95 | 70 - 130 | | | |
| Ethylbenzene | <0.00199 | U | 0.100 | 0.09353 | | mg/Kg | | 94 | 70 - 130 | | | |
| m-Xylene & p-Xylene | <0.00398 | U | 0.200 | 0.1880 | | mg/Kg | | 94 | 70 - 130 | | | |
| o-Xylene | <0.00199 | U | 0.100 | 0.09728 | | mg/Kg | | 97 | 70 - 130 | | | |
| | | MS | MS | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 107 | | 70 - 130 | | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 93 | | 70 - 130 | | | | | | | | | |

Lab Sample ID: 890-9003-1 MSD
 Matrix: Solid
 Analysis Batch: 122519

Client Sample ID: CS - 1 (1.5')
 Prep Type: Total/NA
 Prep Batch: 122638

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec | | RPD | Limit |
|-----------------------------|------------------|------------------|---------------|------------|---------------|-------|---|------|----------|-----|-----|-------|
| | | | | | | | | | Limits | RPD | | |
| Benzene | <0.00199 | U | 0.100 | 0.09792 | | mg/Kg | | 98 | 70 - 130 | 4 | 35 | |
| Toluene | <0.00199 | U | 0.100 | 0.09855 | | mg/Kg | | 99 | 70 - 130 | 3 | 35 | |
| Ethylbenzene | <0.00199 | U | 0.100 | 0.09799 | | mg/Kg | | 98 | 70 - 130 | 5 | 35 | |
| m-Xylene & p-Xylene | <0.00398 | U | 0.200 | 0.1953 | | mg/Kg | | 98 | 70 - 130 | 4 | 35 | |
| o-Xylene | <0.00199 | U | 0.100 | 0.1007 | | mg/Kg | | 101 | 70 - 130 | 3 | 35 | |
| | | MSD | MSD | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 113 | | 70 - 130 | | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 | | | | | | | | | |

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

Lab Sample ID: MB 880-122664/1-A
 Matrix: Solid
 Analysis Batch: 122675

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 122664

| Analyte | MB MB | | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:18 | 11/02/25 21:18 | 1 |

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

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

Lab Sample ID: MB 880-122664/1-A
Matrix: Solid
Analysis Batch: 122675

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 122664

| Analyte | MB MB | | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:18 | 11/02/25 21:18 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:18 | 11/02/25 21:18 | 1 |
| Surrogate | MB MB | | Limits | | | | Prepared | Analyzed | Dil Fac |
| | %Recovery | Qualifier | | | | | | | |
| 1-Chlorooctane (Surr) | 98 | | 70 - 130 | | | | 11/02/25 17:18 | 11/02/25 21:18 | 1 |
| o-Terphenyl (Surr) | 119 | | 70 - 130 | | | | 11/02/25 17:18 | 11/02/25 21:18 | 1 |

Lab Sample ID: LCS 880-122664/2-A
Matrix: Solid
Analysis Batch: 122675

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 122664

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------------|-------------|------------|---------------|-------|---|------|-------------|
| | | | | | | | |
| Diesel Range Organics (Over C10-C28) | 1000 | 1181 | | mg/Kg | | 118 | 70 - 130 |
| Surrogate | LCS LCS | | Limits | | | | %Rec |
| | %Recovery | Qualifier | | | | | |
| 1-Chlorooctane (Surr) | 118 | | 70 - 130 | | | | |
| o-Terphenyl (Surr) | 131 | S1+ | 70 - 130 | | | | |

Lab Sample ID: LCSD 880-122664/3-A
Matrix: Solid
Analysis Batch: 122675

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 122664

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | |
|--------------------------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-------|
| | | | | | | | | RPD | Limit |
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 614.4 | *- *1 | mg/Kg | | 61 | 70 - 130 | 64 | 20 |
| Diesel Range Organics (Over C10-C28) | 1000 | 599.2 | *- *1 | mg/Kg | | 60 | 70 - 130 | 65 | 20 |
| Surrogate | LCSD LCSD | | Limits | | | %Rec | %Rec | | |
| | %Recovery | Qualifier | | | | | | | |
| 1-Chlorooctane (Surr) | 113 | | 70 - 130 | | | | | | |
| o-Terphenyl (Surr) | 128 | | 70 - 130 | | | | | | |

Lab Sample ID: 890-9002-A-1-F MS
Matrix: Solid
Analysis Batch: 122675

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 122664

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| | | | | | | | | | |
| Diesel Range Organics (Over C10-C28) | <50.0 | U *- *1 | 997 | 1099 | | mg/Kg | | 109 | 70 - 130 |
| Surrogate | MS MS | | Limits | | | | | %Rec | %Rec |
| | %Recovery | Qualifier | | | | | | | |
| 1-Chlorooctane (Surr) | 118 | | 70 - 130 | | | | | | |
| o-Terphenyl (Surr) | 131 | S1+ | 70 - 130 | | | | | | |

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

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

Lab Sample ID: 890-9002-A-1-G MSD
Matrix: Solid
Analysis Batch: 122675

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 122664

| Analyte | Sample | Sample | Spike | MSD | MSD | Unit | D | %Rec | %Rec | RPD | Limit |
|--------------------------------------|------------------|------------------|---------------|--------|-----------|-------|---|------|----------|-----|-------|
| | Result | Qualifier | Added | Result | Qualifier | | | | Limits | | |
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U *- *1 | 997 | 994.2 | | mg/Kg | | 100 | 70 - 130 | 2 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U *- *1 | 997 | 1071 | | mg/Kg | | 106 | 70 - 130 | 3 | 20 |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane (Surr) | 118 | | 70 - 130 | | | | | | | | |
| o-Terphenyl (Surr) | 131 | S1+ | 70 - 130 | | | | | | | | |

Lab Sample ID: MB 880-122665/1-A
Matrix: Solid
Analysis Batch: 122677

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 122665

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| | Result | Qualifier | | | | | | | |
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:23 | 11/02/25 21:33 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:23 | 11/02/25 21:33 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:23 | 11/02/25 21:33 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 59 | S1- | 70 - 130 | | | | 11/02/25 17:23 | 11/02/25 21:33 | 1 |
| o-Terphenyl (Surr) | 73 | | 70 - 130 | | | | 11/02/25 17:23 | 11/02/25 21:33 | 1 |

Lab Sample ID: LCS 880-122665/2-A
Matrix: Solid
Analysis Batch: 122677

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 122665

| Analyte | Spike Added | LCS | LCS | Unit | D | %Rec | %Rec | RPD | Limit |
|--------------------------------------|------------------|------------------|---------------|-------|---|------|----------|-----|-------|
| | | Result | Qualifier | | | | Limits | | |
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 817.6 | | mg/Kg | | 82 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | 1000 | 850.8 | | mg/Kg | | 85 | 70 - 130 | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | |
| 1-Chlorooctane (Surr) | 81 | | 70 - 130 | | | | | | |
| o-Terphenyl (Surr) | 89 | | 70 - 130 | | | | | | |

Lab Sample ID: LCSD 880-122665/3-A
Matrix: Solid
Analysis Batch: 122677

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 122665

| Analyte | Spike Added | LCSD | LCSD | Unit | D | %Rec | %Rec | RPD | Limit |
|--------------------------------------|-------------|--------|-----------|-------|---|------|----------|-----|-------|
| | | Result | Qualifier | | | | Limits | | |
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 828.1 | | mg/Kg | | 83 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | 1000 | 839.8 | | mg/Kg | | 84 | 70 - 130 | 1 | 20 |

QC Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

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

Lab Sample ID: LCSD 880-122665/3-A
 Matrix: Solid
 Analysis Batch: 122677

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 122665

| Surrogate | LCSD | | Limits |
|-----------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1-Chlorooctane (Surr) | 81 | | 70 - 130 |
| o-Terphenyl (Surr) | 89 | | 70 - 130 |

Lab Sample ID: 890-9003-13 MS
 Matrix: Solid
 Analysis Batch: 122677

Client Sample ID: CS - 13 (1.5')
 Prep Type: Total/NA
 Prep Batch: 122665

| Analyte | Sample | Sample | Spike | MS | | Unit | D | %Rec | %Rec | Limits |
|--------------------------------------|--------|-----------|-------|--------|-----------|-------|---|------|------|----------|
| | Result | Qualifier | | Result | Qualifier | | | | | |
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U F1 | 999 | 672.8 | F1 | mg/Kg | | 67 | | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 999 | 763.6 | | mg/Kg | | 76 | | 70 - 130 |

| Surrogate | MS | | Limits |
|-----------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1-Chlorooctane (Surr) | 81 | | 70 - 130 |
| o-Terphenyl (Surr) | 89 | | 70 - 130 |

Lab Sample ID: 890-9003-13 MSD
 Matrix: Solid
 Analysis Batch: 122677

Client Sample ID: CS - 13 (1.5')
 Prep Type: Total/NA
 Prep Batch: 122665

| Analyte | Sample | Sample | Spike | MSD | | Unit | D | %Rec | %Rec | Limits | RPD | |
|--------------------------------------|--------|-----------|-------|--------|-----------|-------|---|------|------|----------|-----|-------|
| | Result | Qualifier | | Result | Qualifier | | | | | | RPD | Limit |
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U F1 | 999 | 681.1 | F1 | mg/Kg | | 68 | | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 999 | 798.3 | | mg/Kg | | 80 | | 70 - 130 | 4 | 20 |

| Surrogate | MSD | | Limits |
|-----------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1-Chlorooctane (Surr) | 83 | | 70 - 130 |
| o-Terphenyl (Surr) | 92 | | 70 - 130 |

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-122641/1-A
 Matrix: Solid
 Analysis Batch: 122662

Client Sample ID: Method Blank
 Prep Type: Soluble

| Analyte | MB | | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 11/02/25 14:35 | 1 |

Lab Sample ID: LCS 880-122641/2-A
 Matrix: Solid
 Analysis Batch: 122662

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

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

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-122641/3-A
Matrix: Solid
Analysis Batch: 122662

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 | 232.2 | | mg/Kg | | 93 | 90 - 110 | 0 | 20 |

Lab Sample ID: 890-9003-1 MS
Matrix: Solid
Analysis Batch: 122662

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

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Chloride | 186 | | 252 | 417.6 | | mg/Kg | | 92 | 90 - 110 |

Lab Sample ID: 890-9003-1 MSD
Matrix: Solid
Analysis Batch: 122662

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

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 186 | | 252 | 418.3 | | mg/Kg | | 92 | 90 - 110 | 0 | 20 |

Lab Sample ID: 890-9003-11 MS
Matrix: Solid
Analysis Batch: 122662

Client Sample ID: CS - 11 (1.5')
Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Chloride | 179 | F1 | 249 | 390.1 | F1 | mg/Kg | | 85 | 90 - 110 |

Lab Sample ID: 890-9003-11 MSD
Matrix: Solid
Analysis Batch: 122662

Client Sample ID: CS - 11 (1.5')
Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 179 | F1 | 249 | 389.9 | F1 | mg/Kg | | 85 | 90 - 110 | 0 | 20 |

QC Association Summary

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

GC VOA

Prep Batch: 122517

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| MB 880-122517/5-A | Method Blank | Total/NA | Solid | 5035 | |

Analysis Batch: 122519

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 890-9003-1 | CS - 1 (1.5') | Total/NA | Solid | 8021B | 122638 |
| 890-9003-2 | CS - 2 (1.5') | Total/NA | Solid | 8021B | 122638 |
| 890-9003-3 | CS - 3 (1.5') | Total/NA | Solid | 8021B | 122638 |
| 890-9003-4 | CS - 4 (1.5') | Total/NA | Solid | 8021B | 122638 |
| 890-9003-5 | CS - 5 (1.5') | Total/NA | Solid | 8021B | 122638 |
| 890-9003-6 | CS - 6 (1.5') | Total/NA | Solid | 8021B | 122638 |
| 890-9003-7 | CS - 7 (1.5') | Total/NA | Solid | 8021B | 122638 |
| 890-9003-8 | CS - 8 (1.5') | Total/NA | Solid | 8021B | 122638 |
| 890-9003-9 | CS - 9 (1.5') | Total/NA | Solid | 8021B | 122638 |
| 890-9003-10 | CS - 10 (1.5') | Total/NA | Solid | 8021B | 122638 |
| 890-9003-11 | CS - 11 (1.5') | Total/NA | Solid | 8021B | 122638 |
| 890-9003-12 | CS - 12 (1.5') | Total/NA | Solid | 8021B | 122638 |
| 890-9003-13 | CS - 13 (1.5') | Total/NA | Solid | 8021B | 122638 |
| 890-9003-14 | CS - 14 (1.5') | Total/NA | Solid | 8021B | 122638 |
| 890-9003-15 | CS - 15 (1.5') | Total/NA | Solid | 8021B | 122638 |
| 890-9003-16 | CS - 16 (1.5') | Total/NA | Solid | 8021B | 122638 |
| 890-9003-17 | CS - 17 (1.5') | Total/NA | Solid | 8021B | 122638 |
| 890-9003-18 | CS - 18 (1.5') | Total/NA | Solid | 8021B | 122638 |
| 890-9003-19 | CS - 19 (1.5') | Total/NA | Solid | 8021B | 122638 |
| 890-9003-20 | CS - 20 (1.5') | Total/NA | Solid | 8021B | 122638 |
| MB 880-122517/5-A | Method Blank | Total/NA | Solid | 8021B | 122517 |
| MB 880-122638/5-A | Method Blank | Total/NA | Solid | 8021B | 122638 |
| LCS 880-122638/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 122638 |
| LCSD 880-122638/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 122638 |
| 890-9003-1 MS | CS - 1 (1.5') | Total/NA | Solid | 8021B | 122638 |
| 890-9003-1 MSD | CS - 1 (1.5') | Total/NA | Solid | 8021B | 122638 |

Prep Batch: 122638

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 890-9003-1 | CS - 1 (1.5') | Total/NA | Solid | 5035 | |
| 890-9003-2 | CS - 2 (1.5') | Total/NA | Solid | 5035 | |
| 890-9003-3 | CS - 3 (1.5') | Total/NA | Solid | 5035 | |
| 890-9003-4 | CS - 4 (1.5') | Total/NA | Solid | 5035 | |
| 890-9003-5 | CS - 5 (1.5') | Total/NA | Solid | 5035 | |
| 890-9003-6 | CS - 6 (1.5') | Total/NA | Solid | 5035 | |
| 890-9003-7 | CS - 7 (1.5') | Total/NA | Solid | 5035 | |
| 890-9003-8 | CS - 8 (1.5') | Total/NA | Solid | 5035 | |
| 890-9003-9 | CS - 9 (1.5') | Total/NA | Solid | 5035 | |
| 890-9003-10 | CS - 10 (1.5') | Total/NA | Solid | 5035 | |
| 890-9003-11 | CS - 11 (1.5') | Total/NA | Solid | 5035 | |
| 890-9003-12 | CS - 12 (1.5') | Total/NA | Solid | 5035 | |
| 890-9003-13 | CS - 13 (1.5') | Total/NA | Solid | 5035 | |
| 890-9003-14 | CS - 14 (1.5') | Total/NA | Solid | 5035 | |
| 890-9003-15 | CS - 15 (1.5') | Total/NA | Solid | 5035 | |
| 890-9003-16 | CS - 16 (1.5') | Total/NA | Solid | 5035 | |
| 890-9003-17 | CS - 17 (1.5') | Total/NA | Solid | 5035 | |
| 890-9003-18 | CS - 18 (1.5') | Total/NA | Solid | 5035 | |

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

GC VOA (Continued)

Prep Batch: 122638 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 890-9003-19 | CS - 19 (1.5') | Total/NA | Solid | 5035 | |
| 890-9003-20 | CS - 20 (1.5') | Total/NA | Solid | 5035 | |
| MB 880-122638/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-122638/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-122638/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 890-9003-1 MS | CS - 1 (1.5') | Total/NA | Solid | 5035 | |
| 890-9003-1 MSD | CS - 1 (1.5') | Total/NA | Solid | 5035 | |

Analysis Batch: 122728

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 890-9003-1 | CS - 1 (1.5') | Total/NA | Solid | Total BTEX | |
| 890-9003-2 | CS - 2 (1.5') | Total/NA | Solid | Total BTEX | |
| 890-9003-3 | CS - 3 (1.5') | Total/NA | Solid | Total BTEX | |
| 890-9003-4 | CS - 4 (1.5') | Total/NA | Solid | Total BTEX | |
| 890-9003-5 | CS - 5 (1.5') | Total/NA | Solid | Total BTEX | |
| 890-9003-6 | CS - 6 (1.5') | Total/NA | Solid | Total BTEX | |
| 890-9003-7 | CS - 7 (1.5') | Total/NA | Solid | Total BTEX | |
| 890-9003-8 | CS - 8 (1.5') | Total/NA | Solid | Total BTEX | |
| 890-9003-9 | CS - 9 (1.5') | Total/NA | Solid | Total BTEX | |
| 890-9003-10 | CS - 10 (1.5') | Total/NA | Solid | Total BTEX | |
| 890-9003-11 | CS - 11 (1.5') | Total/NA | Solid | Total BTEX | |
| 890-9003-12 | CS - 12 (1.5') | Total/NA | Solid | Total BTEX | |
| 890-9003-13 | CS - 13 (1.5') | Total/NA | Solid | Total BTEX | |
| 890-9003-14 | CS - 14 (1.5') | Total/NA | Solid | Total BTEX | |
| 890-9003-15 | CS - 15 (1.5') | Total/NA | Solid | Total BTEX | |
| 890-9003-16 | CS - 16 (1.5') | Total/NA | Solid | Total BTEX | |
| 890-9003-17 | CS - 17 (1.5') | Total/NA | Solid | Total BTEX | |
| 890-9003-18 | CS - 18 (1.5') | Total/NA | Solid | Total BTEX | |
| 890-9003-19 | CS - 19 (1.5') | Total/NA | Solid | Total BTEX | |
| 890-9003-20 | CS - 20 (1.5') | Total/NA | Solid | Total BTEX | |

GC Semi VOA

Prep Batch: 122664

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|-------------|------------|
| 890-9003-1 | CS - 1 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9003-2 | CS - 2 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9003-3 | CS - 3 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9003-4 | CS - 4 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9003-5 | CS - 5 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9003-6 | CS - 6 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9003-7 | CS - 7 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9003-8 | CS - 8 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9003-9 | CS - 9 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9003-10 | CS - 10 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9003-11 | CS - 11 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9003-12 | CS - 12 (1.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-122664/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-122664/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-122664/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 890-9002-A-1-F MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

GC Semi VOA (Continued)

Prep Batch: 122664 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|-------------|------------|
| 890-9002-A-1-G MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

Prep Batch: 122665

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|-------------|------------|
| 890-9003-13 | CS - 13 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9003-14 | CS - 14 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9003-15 | CS - 15 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9003-16 | CS - 16 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9003-17 | CS - 17 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9003-18 | CS - 18 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9003-19 | CS - 19 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9003-20 | CS - 20 (1.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-122665/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-122665/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-122665/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 890-9003-13 MS | CS - 13 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9003-13 MSD | CS - 13 (1.5') | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 122675

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 890-9003-1 | CS - 1 (1.5') | Total/NA | Solid | 8015B NM | 122664 |
| 890-9003-2 | CS - 2 (1.5') | Total/NA | Solid | 8015B NM | 122664 |
| 890-9003-3 | CS - 3 (1.5') | Total/NA | Solid | 8015B NM | 122664 |
| 890-9003-4 | CS - 4 (1.5') | Total/NA | Solid | 8015B NM | 122664 |
| 890-9003-5 | CS - 5 (1.5') | Total/NA | Solid | 8015B NM | 122664 |
| 890-9003-6 | CS - 6 (1.5') | Total/NA | Solid | 8015B NM | 122664 |
| 890-9003-7 | CS - 7 (1.5') | Total/NA | Solid | 8015B NM | 122664 |
| 890-9003-8 | CS - 8 (1.5') | Total/NA | Solid | 8015B NM | 122664 |
| 890-9003-9 | CS - 9 (1.5') | Total/NA | Solid | 8015B NM | 122664 |
| 890-9003-10 | CS - 10 (1.5') | Total/NA | Solid | 8015B NM | 122664 |
| 890-9003-11 | CS - 11 (1.5') | Total/NA | Solid | 8015B NM | 122664 |
| 890-9003-12 | CS - 12 (1.5') | Total/NA | Solid | 8015B NM | 122664 |
| MB 880-122664/1-A | Method Blank | Total/NA | Solid | 8015B NM | 122664 |
| LCS 880-122664/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 122664 |
| LCSD 880-122664/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 122664 |
| 890-9002-A-1-F MS | Matrix Spike | Total/NA | Solid | 8015B NM | 122664 |
| 890-9002-A-1-G MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 122664 |

Analysis Batch: 122677

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 890-9003-13 | CS - 13 (1.5') | Total/NA | Solid | 8015B NM | 122665 |
| 890-9003-14 | CS - 14 (1.5') | Total/NA | Solid | 8015B NM | 122665 |
| 890-9003-15 | CS - 15 (1.5') | Total/NA | Solid | 8015B NM | 122665 |
| 890-9003-16 | CS - 16 (1.5') | Total/NA | Solid | 8015B NM | 122665 |
| 890-9003-17 | CS - 17 (1.5') | Total/NA | Solid | 8015B NM | 122665 |
| 890-9003-18 | CS - 18 (1.5') | Total/NA | Solid | 8015B NM | 122665 |
| 890-9003-19 | CS - 19 (1.5') | Total/NA | Solid | 8015B NM | 122665 |
| 890-9003-20 | CS - 20 (1.5') | Total/NA | Solid | 8015B NM | 122665 |
| MB 880-122665/1-A | Method Blank | Total/NA | Solid | 8015B NM | 122665 |
| LCS 880-122665/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 122665 |
| LCSD 880-122665/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 122665 |

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

GC Semi VOA (Continued)

Analysis Batch: 122677 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------|------------------|-----------|--------|----------|------------|
| 890-9003-13 MS | CS - 13 (1.5') | Total/NA | Solid | 8015B NM | 122665 |
| 890-9003-13 MSD | CS - 13 (1.5') | Total/NA | Solid | 8015B NM | 122665 |

Analysis Batch: 122700

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 890-9003-1 | CS - 1 (1.5') | Total/NA | Solid | 8015 NM | |
| 890-9003-2 | CS - 2 (1.5') | Total/NA | Solid | 8015 NM | |
| 890-9003-3 | CS - 3 (1.5') | Total/NA | Solid | 8015 NM | |
| 890-9003-4 | CS - 4 (1.5') | Total/NA | Solid | 8015 NM | |
| 890-9003-5 | CS - 5 (1.5') | Total/NA | Solid | 8015 NM | |
| 890-9003-6 | CS - 6 (1.5') | Total/NA | Solid | 8015 NM | |
| 890-9003-7 | CS - 7 (1.5') | Total/NA | Solid | 8015 NM | |
| 890-9003-8 | CS - 8 (1.5') | Total/NA | Solid | 8015 NM | |
| 890-9003-9 | CS - 9 (1.5') | Total/NA | Solid | 8015 NM | |
| 890-9003-10 | CS - 10 (1.5') | Total/NA | Solid | 8015 NM | |
| 890-9003-11 | CS - 11 (1.5') | Total/NA | Solid | 8015 NM | |
| 890-9003-12 | CS - 12 (1.5') | Total/NA | Solid | 8015 NM | |
| 890-9003-13 | CS - 13 (1.5') | Total/NA | Solid | 8015 NM | |
| 890-9003-14 | CS - 14 (1.5') | Total/NA | Solid | 8015 NM | |
| 890-9003-15 | CS - 15 (1.5') | Total/NA | Solid | 8015 NM | |
| 890-9003-16 | CS - 16 (1.5') | Total/NA | Solid | 8015 NM | |
| 890-9003-17 | CS - 17 (1.5') | Total/NA | Solid | 8015 NM | |
| 890-9003-18 | CS - 18 (1.5') | Total/NA | Solid | 8015 NM | |
| 890-9003-19 | CS - 19 (1.5') | Total/NA | Solid | 8015 NM | |
| 890-9003-20 | CS - 20 (1.5') | Total/NA | Solid | 8015 NM | |

HPLC/IC

Leach Batch: 122641

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|----------|------------|
| 890-9003-1 | CS - 1 (1.5') | Soluble | Solid | DI Leach | |
| 890-9003-2 | CS - 2 (1.5') | Soluble | Solid | DI Leach | |
| 890-9003-3 | CS - 3 (1.5') | Soluble | Solid | DI Leach | |
| 890-9003-4 | CS - 4 (1.5') | Soluble | Solid | DI Leach | |
| 890-9003-5 | CS - 5 (1.5') | Soluble | Solid | DI Leach | |
| 890-9003-6 | CS - 6 (1.5') | Soluble | Solid | DI Leach | |
| 890-9003-7 | CS - 7 (1.5') | Soluble | Solid | DI Leach | |
| 890-9003-8 | CS - 8 (1.5') | Soluble | Solid | DI Leach | |
| 890-9003-9 | CS - 9 (1.5') | Soluble | Solid | DI Leach | |
| 890-9003-10 | CS - 10 (1.5') | Soluble | Solid | DI Leach | |
| 890-9003-11 | CS - 11 (1.5') | Soluble | Solid | DI Leach | |
| 890-9003-12 | CS - 12 (1.5') | Soluble | Solid | DI Leach | |
| 890-9003-13 | CS - 13 (1.5') | Soluble | Solid | DI Leach | |
| 890-9003-14 | CS - 14 (1.5') | Soluble | Solid | DI Leach | |
| 890-9003-15 | CS - 15 (1.5') | Soluble | Solid | DI Leach | |
| 890-9003-16 | CS - 16 (1.5') | Soluble | Solid | DI Leach | |
| 890-9003-17 | CS - 17 (1.5') | Soluble | Solid | DI Leach | |
| 890-9003-18 | CS - 18 (1.5') | Soluble | Solid | DI Leach | |
| 890-9003-19 | CS - 19 (1.5') | Soluble | Solid | DI Leach | |
| 890-9003-20 | CS - 20 (1.5') | Soluble | Solid | DI Leach | |
| MB 880-122641/1-A | Method Blank | Soluble | Solid | DI Leach | |

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

HPLC/IC (Continued)

Leach Batch: 122641 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| LCS 880-122641/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-122641/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 890-9003-1 MS | CS - 1 (1.5') | Soluble | Solid | DI Leach | |
| 890-9003-1 MSD | CS - 1 (1.5') | Soluble | Solid | DI Leach | |
| 890-9003-11 MS | CS - 11 (1.5') | Soluble | Solid | DI Leach | |
| 890-9003-11 MSD | CS - 11 (1.5') | Soluble | Solid | DI Leach | |

Analysis Batch: 122662

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 890-9003-1 | CS - 1 (1.5') | Soluble | Solid | 300.0 | 122641 |
| 890-9003-2 | CS - 2 (1.5') | Soluble | Solid | 300.0 | 122641 |
| 890-9003-3 | CS - 3 (1.5') | Soluble | Solid | 300.0 | 122641 |
| 890-9003-4 | CS - 4 (1.5') | Soluble | Solid | 300.0 | 122641 |
| 890-9003-5 | CS - 5 (1.5') | Soluble | Solid | 300.0 | 122641 |
| 890-9003-6 | CS - 6 (1.5') | Soluble | Solid | 300.0 | 122641 |
| 890-9003-7 | CS - 7 (1.5') | Soluble | Solid | 300.0 | 122641 |
| 890-9003-8 | CS - 8 (1.5') | Soluble | Solid | 300.0 | 122641 |
| 890-9003-9 | CS - 9 (1.5') | Soluble | Solid | 300.0 | 122641 |
| 890-9003-10 | CS - 10 (1.5') | Soluble | Solid | 300.0 | 122641 |
| 890-9003-11 | CS - 11 (1.5') | Soluble | Solid | 300.0 | 122641 |
| 890-9003-12 | CS - 12 (1.5') | Soluble | Solid | 300.0 | 122641 |
| 890-9003-13 | CS - 13 (1.5') | Soluble | Solid | 300.0 | 122641 |
| 890-9003-14 | CS - 14 (1.5') | Soluble | Solid | 300.0 | 122641 |
| 890-9003-15 | CS - 15 (1.5') | Soluble | Solid | 300.0 | 122641 |
| 890-9003-16 | CS - 16 (1.5') | Soluble | Solid | 300.0 | 122641 |
| 890-9003-17 | CS - 17 (1.5') | Soluble | Solid | 300.0 | 122641 |
| 890-9003-18 | CS - 18 (1.5') | Soluble | Solid | 300.0 | 122641 |
| 890-9003-19 | CS - 19 (1.5') | Soluble | Solid | 300.0 | 122641 |
| 890-9003-20 | CS - 20 (1.5') | Soluble | Solid | 300.0 | 122641 |
| MB 880-122641/1-A | Method Blank | Soluble | Solid | 300.0 | 122641 |
| LCS 880-122641/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 122641 |
| LCSD 880-122641/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 122641 |
| 890-9003-1 MS | CS - 1 (1.5') | Soluble | Solid | 300.0 | 122641 |
| 890-9003-1 MSD | CS - 1 (1.5') | Soluble | Solid | 300.0 | 122641 |
| 890-9003-11 MS | CS - 11 (1.5') | Soluble | Solid | 300.0 | 122641 |
| 890-9003-11 MSD | CS - 11 (1.5') | Soluble | Solid | 300.0 | 122641 |

Lab Chronicle

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

Client Sample ID: CS - 1 (1.5')

Lab Sample ID: 890-9003-1

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 122638 | 11/01/25 14:06 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122519 | 11/01/25 21:32 | EL | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122728 | 11/01/25 21:32 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122700 | 11/03/25 00:48 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 122664 | 11/02/25 17:19 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122675 | 11/03/25 00:48 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 122641 | 11/01/25 15:39 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 122662 | 11/02/25 14:51 | SMC | EET MID |

Client Sample ID: CS - 2 (1.5')

Lab Sample ID: 890-9003-2

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 122638 | 11/01/25 14:06 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122519 | 11/01/25 21:53 | EL | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122728 | 11/01/25 21:53 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122700 | 11/03/25 01:01 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 122664 | 11/02/25 17:19 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122675 | 11/03/25 01:01 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 122641 | 11/01/25 15:39 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 122662 | 11/02/25 15:06 | SMC | EET MID |

Client Sample ID: CS - 3 (1.5')

Lab Sample ID: 890-9003-3

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 122638 | 11/01/25 14:06 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122519 | 11/01/25 22:13 | EL | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122728 | 11/01/25 22:13 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122700 | 11/03/25 01:16 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 122664 | 11/02/25 17:19 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122675 | 11/03/25 01:16 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 122641 | 11/01/25 15:39 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 122662 | 11/02/25 15:12 | SMC | EET MID |

Client Sample ID: CS - 4 (1.5')

Lab Sample ID: 890-9003-4

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.04 g | 5 mL | 122638 | 11/01/25 14:06 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122519 | 11/01/25 22:34 | EL | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122728 | 11/01/25 22:34 | SA | EET MID |

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

Client Sample ID: CS - 4 (1.5')

Lab Sample ID: 890-9003-4

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8015 NM | | 1 | | | 122700 | 11/03/25 01:30 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 122664 | 11/02/25 17:19 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122675 | 11/03/25 01:30 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 122641 | 11/01/25 15:39 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 122662 | 11/02/25 15:17 | SMC | EET MID |

Client Sample ID: CS - 5 (1.5')

Lab Sample ID: 890-9003-5

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.00 g | 5 mL | 122638 | 11/01/25 14:06 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122519 | 11/01/25 22:54 | EL | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122728 | 11/01/25 22:54 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122700 | 11/03/25 01:44 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 122664 | 11/02/25 17:19 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122675 | 11/03/25 01:44 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 122641 | 11/01/25 15:39 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 122662 | 11/02/25 15:22 | SMC | EET MID |

Client Sample ID: CS - 6 (1.5')

Lab Sample ID: 890-9003-6

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 122638 | 11/01/25 14:06 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122519 | 11/01/25 23:14 | EL | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122728 | 11/01/25 23:14 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122700 | 11/03/25 01:58 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 122664 | 11/02/25 17:19 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122675 | 11/03/25 01:58 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 122641 | 11/01/25 15:39 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 122662 | 11/02/25 15:38 | SMC | EET MID |

Client Sample ID: CS - 7 (1.5')

Lab Sample ID: 890-9003-7

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 122638 | 11/01/25 14:06 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122519 | 11/01/25 23:35 | EL | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122728 | 11/01/25 23:35 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122700 | 11/03/25 02:13 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 122664 | 11/02/25 17:19 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122675 | 11/03/25 02:13 | FC | EET MID |

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

Client Sample ID: CS - 7 (1.5')

Lab Sample ID: 890-9003-7

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 122641 | 11/01/25 15:39 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 122662 | 11/02/25 15:43 | SMC | EET MID |

Client Sample ID: CS - 8 (1.5')

Lab Sample ID: 890-9003-8

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.96 g | 5 mL | 122638 | 11/01/25 14:06 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122519 | 11/01/25 23:55 | EL | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122728 | 11/01/25 23:55 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122700 | 11/03/25 02:26 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 122664 | 11/02/25 17:19 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122675 | 11/03/25 02:26 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 122641 | 11/01/25 15:39 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 122662 | 11/02/25 15:48 | SMC | EET MID |

Client Sample ID: CS - 9 (1.5')

Lab Sample ID: 890-9003-9

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 122638 | 11/01/25 14:06 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122519 | 11/02/25 00:16 | EL | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122728 | 11/02/25 00:16 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122700 | 11/03/25 02:41 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 122664 | 11/02/25 17:19 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122675 | 11/03/25 02:41 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 122641 | 11/01/25 15:39 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 122662 | 11/02/25 15:53 | SMC | EET MID |

Client Sample ID: CS - 10 (1.5')

Lab Sample ID: 890-9003-10

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 122638 | 11/01/25 14:06 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122519 | 11/02/25 00:36 | EL | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122728 | 11/02/25 00:36 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122700 | 11/03/25 03:09 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 122664 | 11/02/25 17:19 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122675 | 11/03/25 03:09 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 122641 | 11/01/25 15:39 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 122662 | 11/02/25 15:59 | SMC | EET MID |

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

Client Sample ID: CS - 11 (1.5')

Lab Sample ID: 890-9003-11

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 122638 | 11/01/25 14:06 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122519 | 11/02/25 01:31 | EL | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122728 | 11/02/25 01:31 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122700 | 11/03/25 03:23 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 122664 | 11/02/25 17:19 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122675 | 11/03/25 03:23 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 122641 | 11/01/25 15:39 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 122662 | 11/02/25 16:04 | SMC | EET MID |

Client Sample ID: CS - 12 (1.5')

Lab Sample ID: 890-9003-12

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 122638 | 11/01/25 14:06 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122519 | 11/02/25 01:49 | EL | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122728 | 11/02/25 01:49 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122700 | 11/03/25 03:38 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 122664 | 11/02/25 17:19 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122675 | 11/03/25 03:38 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 122641 | 11/01/25 15:39 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 122662 | 11/02/25 16:20 | SMC | EET MID |

Client Sample ID: CS - 13 (1.5')

Lab Sample ID: 890-9003-13

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 122638 | 11/01/25 14:06 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122519 | 11/02/25 01:51 | EL | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122728 | 11/02/25 01:51 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122700 | 11/03/25 00:05 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 122665 | 11/02/25 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122677 | 11/03/25 00:05 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 122641 | 11/01/25 15:39 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 122662 | 11/02/25 16:25 | SMC | EET MID |

Client Sample ID: CS - 14 (1.5')

Lab Sample ID: 890-9003-14

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 122638 | 11/01/25 14:06 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122519 | 11/02/25 02:11 | EL | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122728 | 11/02/25 02:11 | SA | EET MID |

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

Client Sample ID: CS - 14 (1.5')

Lab Sample ID: 890-9003-14

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8015 NM | | 1 | | | 122700 | 11/03/25 00:48 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 122665 | 11/02/25 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122677 | 11/03/25 00:48 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 122641 | 11/01/25 15:39 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 122662 | 11/02/25 16:41 | SMC | EET MID |

Client Sample ID: CS - 15 (1.5')

Lab Sample ID: 890-9003-15

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 122638 | 11/01/25 14:06 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122519 | 11/02/25 02:32 | EL | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122728 | 11/02/25 02:32 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122700 | 11/03/25 01:01 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 122665 | 11/02/25 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122677 | 11/03/25 01:01 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 122641 | 11/01/25 15:39 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 122662 | 11/02/25 16:46 | SMC | EET MID |

Client Sample ID: CS - 16 (1.5')

Lab Sample ID: 890-9003-16

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 122638 | 11/01/25 14:06 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122519 | 11/02/25 02:52 | EL | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122728 | 11/02/25 02:52 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122700 | 11/03/25 01:16 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 122665 | 11/02/25 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122677 | 11/03/25 01:16 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 122641 | 11/01/25 15:39 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 122662 | 11/02/25 16:51 | SMC | EET MID |

Client Sample ID: CS - 17 (1.5')

Lab Sample ID: 890-9003-17

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.04 g | 5 mL | 122638 | 11/01/25 14:06 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122519 | 11/02/25 03:13 | EL | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122728 | 11/02/25 03:13 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122700 | 11/03/25 01:30 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 122665 | 11/02/25 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122677 | 11/03/25 01:30 | FC | EET MID |

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
 SDG: 2716

Client Sample ID: CS - 17 (1.5')

Lab Sample ID: 890-9003-17

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| 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 | 122641 | 11/01/25 15:39 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 122662 | 11/02/25 16:56 | SMC | EET MID |

Client Sample ID: CS - 18 (1.5')

Lab Sample ID: 890-9003-18

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.96 g | 5 mL | 122638 | 11/01/25 14:06 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122519 | 11/02/25 03:33 | EL | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122728 | 11/02/25 03:33 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122700 | 11/03/25 01:44 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 122665 | 11/02/25 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122677 | 11/03/25 01:44 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 122641 | 11/01/25 15:39 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 122662 | 11/02/25 17:02 | SMC | EET MID |

Client Sample ID: CS - 19 (1.5')

Lab Sample ID: 890-9003-19

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 122638 | 11/01/25 14:06 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122519 | 11/02/25 03:53 | EL | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122728 | 11/02/25 03:53 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122700 | 11/03/25 01:58 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 122665 | 11/02/25 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122677 | 11/03/25 01:58 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 122641 | 11/01/25 15:39 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 122662 | 11/02/25 17:07 | SMC | EET MID |

Client Sample ID: CS - 20 (1.5')

Lab Sample ID: 890-9003-20

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 122638 | 11/01/25 14:06 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122519 | 11/02/25 04:14 | EL | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122728 | 11/02/25 04:14 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122700 | 11/03/25 02:13 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 122665 | 11/02/25 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122677 | 11/03/25 02:13 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 122641 | 11/01/25 15:39 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 122662 | 11/02/25 17:12 | SMC | EET MID |

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
SDG: 2716

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: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
SDG: 2716

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: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
SDG: 2716

| 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: LEA FEDERAL UNIT 21 H

Job ID: 890-9003-1
SDG: 2716

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---------------|------------------|--------|----------------|----------------|---------------|
| 890-9003-1 | CS - 1 (1.5') | Solid | 10/31/25 00:00 | 10/31/25 11:16 | Texas |
| 890-9003-2 | CS - 2 (1.5') | Solid | 10/31/25 00:00 | 10/31/25 11:16 | Texas |
| 890-9003-3 | CS - 3 (1.5') | Solid | 10/31/25 00:00 | 10/31/25 11:16 | Texas |
| 890-9003-4 | CS - 4 (1.5') | Solid | 10/31/25 00:00 | 10/31/25 11:16 | Texas |
| 890-9003-5 | CS - 5 (1.5') | Solid | 10/31/25 00:00 | 10/31/25 11:16 | Texas |
| 890-9003-6 | CS - 6 (1.5') | Solid | 10/31/25 00:00 | 10/31/25 11:16 | Texas |
| 890-9003-7 | CS - 7 (1.5') | Solid | 10/31/25 00:00 | 10/31/25 11:16 | Texas |
| 890-9003-8 | CS - 8 (1.5') | Solid | 10/31/25 00:00 | 10/31/25 11:16 | Texas |
| 890-9003-9 | CS - 9 (1.5') | Solid | 10/31/25 00:00 | 10/31/25 11:16 | Texas |
| 890-9003-10 | CS - 10 (1.5') | Solid | 10/31/25 00:00 | 10/31/25 11:16 | Texas |
| 890-9003-11 | CS - 11 (1.5') | Solid | 10/31/25 00:00 | 10/31/25 11:16 | Texas |
| 890-9003-12 | CS - 12 (1.5') | Solid | 10/31/25 00:00 | 10/31/25 11:16 | Texas |
| 890-9003-13 | CS - 13 (1.5') | Solid | 10/31/25 00:00 | 10/31/25 11:16 | Texas |
| 890-9003-14 | CS - 14 (1.5') | Solid | 10/31/25 00:00 | 10/31/25 11:16 | Texas |
| 890-9003-15 | CS - 15 (1.5') | Solid | 10/31/25 00:00 | 10/31/25 11:16 | Texas |
| 890-9003-16 | CS - 16 (1.5') | Solid | 10/31/25 00:00 | 10/31/25 11:16 | Texas |
| 890-9003-17 | CS - 17 (1.5') | Solid | 10/31/25 00:00 | 10/31/25 11:16 | Texas |
| 890-9003-18 | CS - 18 (1.5') | Solid | 10/31/25 00:00 | 10/31/25 11:16 | Texas |
| 890-9003-19 | CS - 19 (1.5') | Solid | 10/31/25 00:00 | 10/31/25 11:16 | Texas |
| 890-9003-20 | CS - 20 (1.5') | Solid | 10/31/25 00:00 | 10/31/25 11:16 | Texas |

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

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

Chain of Custody

Work Order No: _____

Page 1 of 2

| | |
|-----------------------------------|---|
| Project Manager: Ashton Thielke | Bill to: (if different) |
| Company Name: Carmona Resources | Company Name: Cimarex Energy |
| Address: 310 W Wall St Ste 500 | Address: 600 N Marnefield St, Suite 600 |
| City, State ZIP: Midland TX 79701 | City, State ZIP: Midland, TX 79701 |
| Phone: 432-813-8988 | Email: lacl.lung@coterra.com & ashton.thielke@coterra.com |

| | |
|---|--|
| Work Order Comments | |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> perfund <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: _____ |



| Sample Identification | Date | Time | Soil | Water | Grab/Comp | # of Cont | Parameters | | | Preservative Codes |
|-----------------------|------------|------|------|-------|-----------|-----------|------------|------------------------------|----------------|---|
| | | | | | | | BTEX 8021B | TPH 8015M (GRO + DRO + MRO) | Chloride 300.0 | |
| CS-1 (1.5) | 10/31/2025 | | X | | C | 1 | X | X | X | None: NO DI Water: H ₂ O |
| CS-2 (1.5) | 10/31/2025 | | X | | C | 1 | X | X | X | Cool: Cool MeOH: Me |
| CS-3 (1.5) | 10/31/2025 | | X | | C | 1 | X | X | X | HCL: HC HNO ₃ : HN |
| CS-4 (1.5) | 10/31/2025 | | X | | C | 1 | X | X | X | H ₂ SO ₄ : H ₂ NaOH: Na |
| CS-5 (1.5) | 10/31/2025 | | X | | C | 1 | X | X | X | H ₃ PO ₄ : HP |
| CS-6 (1.5) | 10/31/2025 | | X | | C | 1 | X | X | X | NaHSO ₄ : NABIS |
| CS-7 (1.5) | 10/31/2025 | | X | | C | 1 | X | X | X | Na ₂ S ₂ O ₃ : NaSO ₃ |
| CS-8 (1.5) | 10/31/2025 | | X | | C | 1 | X | X | X | Zn Acetate+NaOH: Zn |
| CS-9 (1.5) | 10/31/2025 | | X | | C | 1 | X | X | X | NaOH+Ascorbic Acid: SAPC |
| CS-10 (1.5) | 10/31/2025 | | X | | C | 1 | X | X | X | |

Comments:

| | |
|----------------------------------|------------------------------|
| Relinquished by: (Signature) | Received by: (Signature) |
| Date/Time | Date/Time |
| 10/31/2025 | 10/31/2025 |

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9003-1

SDG Number: 2716

Login Number: 9003

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9003-1

SDG Number: 2716

Login Number: 9003

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 11/02/25 05:05 PM

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

- 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: Ashton Thielke
 Carmona Resources
 310 W Wall St
 Ste 500
 Midland, Texas 79701

Generated 11/3/2025 11:18:27 AM

JOB DESCRIPTION

LEA FEDERAL UNIT 21 H
 2716

JOB NUMBER

890-9004-1

Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad NM 88220



Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
11/3/2025 11:18:27 AM

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

Client: Carmona Resources
Project/Site: LEA FEDERAL UNIT 21 H

Laboratory Job ID: 890-9004-1
SDG: 2716

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

Table of Contents

| | |
|----------------------------------|----|
| Cover Page | 1 |
| Table of Contents | 3 |
| Definitions/Glossary | 4 |
| Case Narrative | 5 |
| Client Sample Results | 6 |
| Surrogate Summary | 9 |
| QC Sample Results | 10 |
| QC Association Summary | 14 |
| Lab Chronicle | 16 |
| Certification Summary | 18 |
| Method Summary | 19 |
| Sample Summary | 20 |
| Chain of Custody | 21 |
| Receipt Checklists | 22 |

Definitions/Glossary

Client: Carmona Resources
Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9004-1
SDG: 2716

Qualifiers

GC VOA

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

GC Semi VOA

| Qualifier | Qualifier Description |
|-----------|--|
| F1 | MS and/or MSD recovery exceeds control limits. |
| S1- | Surrogate recovery exceeds control limits, low biased. |
| U | Indicates the analyte was analyzed for but not detected. |

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: LEA FEDERAL UNIT 21 H

Job ID: 890-9004-1

Job ID: 890-9004-1

Eurofins Carlsbad

Job Narrative 890-9004-1

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 10/31/2025 11:16 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -5.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SW - 1 (1.5') (890-9004-1), SW - 2 (1.5') (890-9004-2), SW - 3 (1.5') (890-9004-3) and SW - 4 (1.5') (890-9004-4).

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 matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-122665 and analytical batch 880-122677 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 880-122665 and analytical batch 880-122677 was outside the control limits.

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

HPLC/IC

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

Eurofins Carlsbad



Client Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9004-1
 SDG: 2716

Client Sample ID: SW - 1 (1.5')

Lab Sample ID: 890-9004-1

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 09:31 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 09:31 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 09:31 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 09:31 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 09:31 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 09:31 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 91 | | 70 - 130 | 11/01/25 14:10 | 11/02/25 09:31 | 1 |
| 1,4-Difluorobenzene (Surr) | 77 | | 70 - 130 | 11/01/25 14:10 | 11/02/25 09:31 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 11/02/25 09:31 | 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 | | | 11/03/25 02:26 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 02:26 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 02:26 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 02:26 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 71 | | 70 - 130 | 11/02/25 17:23 | 11/03/25 02:26 | 1 |
| o-Terphenyl (Surr) | 89 | | 70 - 130 | 11/02/25 17:23 | 11/03/25 02:26 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 103 | | 9.96 | | mg/Kg | | | 11/02/25 18:10 | 1 |

Client Sample ID: SW - 2 (1.5')

Lab Sample ID: 890-9004-2

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 09:52 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 09:52 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 09:52 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 09:52 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 09:52 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 09:52 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 121 | | 70 - 130 | 11/01/25 14:10 | 11/02/25 09:52 | 1 |
| 1,4-Difluorobenzene (Surr) | 102 | | 70 - 130 | 11/01/25 14:10 | 11/02/25 09:52 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9004-1
 SDG: 2716

Client Sample ID: SW - 2 (1.5')

Lab Sample ID: 890-9004-2

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 11/02/25 09:52 | 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 | | | 11/03/25 02:41 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 02:41 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 02:41 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 02:41 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 72 | | 70 - 130 | | | | 11/02/25 17:23 | 11/03/25 02:41 | 1 |
| o-Terphenyl (Surr) | 92 | | 70 - 130 | | | | 11/02/25 17:23 | 11/03/25 02:41 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 299 | | 10.0 | | mg/Kg | | | 11/02/25 18:15 | 1 |

Client Sample ID: SW - 3 (1.5')

Lab Sample ID: 890-9004-3

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 10:12 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 10:12 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 10:12 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 10:12 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 10:12 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 10:12 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 116 | | 70 - 130 | | | | 11/01/25 14:10 | 11/02/25 10:12 | 1 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 | | | | 11/01/25 14:10 | 11/02/25 10:12 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 11/02/25 10:12 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 11/03/25 03:09 | 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 | | 11/02/25 17:23 | 11/03/25 03:09 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 03:09 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9004-1
 SDG: 2716

Client Sample ID: SW - 3 (1.5')

Lab Sample ID: 890-9004-3

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 03:09 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 73 | | 70 - 130 | | | | 11/02/25 17:23 | 11/03/25 03:09 | 1 |
| o-Terphenyl (Surr) | 89 | | 70 - 130 | | | | 11/02/25 17:23 | 11/03/25 03:09 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 102 | | 10.1 | | mg/Kg | | | 11/02/25 18:20 | 1 |

Client Sample ID: SW - 4 (1.5')

Lab Sample ID: 890-9004-4

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 10:32 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 10:32 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 10:32 | 1 |
| m-Xylene & p-Xylene | <0.00404 | U | 0.00404 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 10:32 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 10:32 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 10:32 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 115 | | 70 - 130 | | | | 11/01/25 14:10 | 11/02/25 10:32 | 1 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 | | | | 11/01/25 14:10 | 11/02/25 10:32 | 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 | | | 11/02/25 10:32 | 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 | | | 11/03/25 03:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 03:23 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 03:23 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:23 | 11/03/25 03:23 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane (Surr) | 79 | | 70 - 130 | | | | 11/02/25 17:23 | 11/03/25 03:23 | 1 |
| o-Terphenyl (Surr) | 96 | | 70 - 130 | | | | 11/02/25 17:23 | 11/03/25 03:23 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 384 | | 9.98 | | mg/Kg | | | 11/02/25 18:25 | 1 |

Eurofins Carlsbad

Surrogate Summary

Client: Carmona Resources
Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9004-1
SDG: 2716

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) |
| 880-64435-A-1-B MS | Matrix Spike | 113 | 90 |
| 880-64435-A-1-C MSD | Matrix Spike Duplicate | 111 | 94 |
| 890-9004-1 | SW - 1 (1.5') | 91 | 77 |
| 890-9004-2 | SW - 2 (1.5') | 121 | 102 |
| 890-9004-3 | SW - 3 (1.5') | 116 | 99 |
| 890-9004-4 | SW - 4 (1.5') | 115 | 99 |
| LCS 880-122640/1-A | Lab Control Sample | 115 | 96 |
| LCSD 880-122640/2-A | Lab Control Sample Dup | 111 | 94 |
| MB 880-122638/5-A | Method Blank | 110 | 93 |
| MB 880-122640/5-A | Method Blank | 117 | 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) |
| 890-9003-A-13-D MS | Matrix Spike | 81 | 89 |
| 890-9003-A-13-E MSD | Matrix Spike Duplicate | 83 | 92 |
| 890-9004-1 | SW - 1 (1.5') | 71 | 89 |
| 890-9004-2 | SW - 2 (1.5') | 72 | 92 |
| 890-9004-3 | SW - 3 (1.5') | 73 | 89 |
| 890-9004-4 | SW - 4 (1.5') | 79 | 96 |
| LCS 880-122665/2-A | Lab Control Sample | 81 | 89 |
| LCSD 880-122665/3-A | Lab Control Sample Dup | 81 | 89 |
| MB 880-122665/1-A | Method Blank | 59 S1- | 73 |

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9004-1
 SDG: 2716

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-122638/5-A
 Matrix: Solid
 Analysis Batch: 122519

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 122638

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:11 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:11 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:11 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:11 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:11 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:11 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 110 | | 70 - 130 | 11/01/25 14:06 | 11/01/25 21:11 | 1 |
| 1,4-Difluorobenzene (Surr) | 93 | | 70 - 130 | 11/01/25 14:06 | 11/01/25 21:11 | 1 |

Lab Sample ID: MB 880-122640/5-A
 Matrix: Solid
 Analysis Batch: 122519

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 122640

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 07:07 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 07:07 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 07:07 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 07:07 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 07:07 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 07:07 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 117 | | 70 - 130 | 11/01/25 14:10 | 11/02/25 07:07 | 1 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 | 11/01/25 14:10 | 11/02/25 07:07 | 1 |

Lab Sample ID: LCS 880-122640/1-A
 Matrix: Solid
 Analysis Batch: 122519

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 122640

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|-------------|------------|---------------|-------|---|------|-------------|
| Benzene | 0.100 | 0.08751 | | mg/Kg | | 88 | 70 - 130 |
| Toluene | 0.100 | 0.09145 | | mg/Kg | | 91 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.09180 | | mg/Kg | | 92 | 70 - 130 |
| m-Xylene & p-Xylene | 0.200 | 0.1841 | | mg/Kg | | 92 | 70 - 130 |
| o-Xylene | 0.100 | 0.09746 | | mg/Kg | | 97 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 115 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 96 | | 70 - 130 |

Lab Sample ID: LCSD 880-122640/2-A
 Matrix: Solid
 Analysis Batch: 122519

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 122640

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Benzene | 0.100 | 0.08416 | | mg/Kg | | 84 | 70 - 130 | 4 | 35 |

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9004-1
 SDG: 2716

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

Lab Sample ID: LCSD 880-122640/2-A
 Matrix: Solid
 Analysis Batch: 122519

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 122640

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| | | | | | | | | | |
| Toluene | 0.100 | 0.08891 | | mg/Kg | | 89 | 70 - 130 | 3 | 35 |
| Ethylbenzene | 0.100 | 0.08965 | | mg/Kg | | 90 | 70 - 130 | 2 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.1810 | | mg/Kg | | 90 | 70 - 130 | 2 | 35 |
| o-Xylene | 0.100 | 0.09484 | | mg/Kg | | 95 | 70 - 130 | 3 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|-----------------------------|----------------|----------------|----------|
| | | | |
| 4-Bromofluorobenzene (Surr) | 111 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 94 | | 70 - 130 |

Lab Sample ID: 880-64435-A-1-B MS
 Matrix: Solid
 Analysis Batch: 122519

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 122640

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| | | | | | | | | | |
| Benzene | <0.00199 | U | 0.100 | 0.09041 | | mg/Kg | | 90 | 70 - 130 |
| Toluene | <0.00199 | U | 0.100 | 0.09802 | | mg/Kg | | 98 | 70 - 130 |
| Ethylbenzene | <0.00199 | U | 0.100 | 0.09807 | | mg/Kg | | 98 | 70 - 130 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.200 | 0.1965 | | mg/Kg | | 98 | 70 - 130 |
| o-Xylene | <0.00199 | U | 0.100 | 0.1036 | | mg/Kg | | 104 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|-----------------------------|--------------|--------------|----------|
| | | | |
| 4-Bromofluorobenzene (Surr) | 113 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 90 | | 70 - 130 |

Lab Sample ID: 880-64435-A-1-C MSD
 Matrix: Solid
 Analysis Batch: 122519

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 122640

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| | | | | | | | | | | | |
| Benzene | <0.00199 | U | 0.100 | 0.09508 | | mg/Kg | | 95 | 70 - 130 | 5 | 35 |
| Toluene | <0.00199 | U | 0.100 | 0.1032 | | mg/Kg | | 103 | 70 - 130 | 5 | 35 |
| Ethylbenzene | <0.00199 | U | 0.100 | 0.1044 | | mg/Kg | | 104 | 70 - 130 | 6 | 35 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.200 | 0.2093 | | mg/Kg | | 105 | 70 - 130 | 6 | 35 |
| o-Xylene | <0.00199 | U | 0.100 | 0.1103 | | mg/Kg | | 110 | 70 - 130 | 6 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|-----------------------------|---------------|---------------|----------|
| | | | |
| 4-Bromofluorobenzene (Surr) | 111 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 94 | | 70 - 130 |

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

Lab Sample ID: MB 880-122665/1-A
 Matrix: Solid
 Analysis Batch: 122677

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 122665

| 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 | | 11/02/25 17:23 | 11/02/25 21:33 | 1 |

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9004-1
 SDG: 2716

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

Lab Sample ID: MB 880-122665/1-A
Matrix: Solid
Analysis Batch: 122677

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 122665

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:23 | 11/02/25 21:33 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:23 | 11/02/25 21:33 | 1 |

| Surrogate | MB | MB | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| 1-Chlorooctane (Surr) | 59 | S1- | 70 - 130 | 11/02/25 17:23 | 11/02/25 21:33 | 1 |
| o-Terphenyl (Surr) | 73 | | 70 - 130 | 11/02/25 17:23 | 11/02/25 21:33 | 1 |

Lab Sample ID: LCS 880-122665/2-A
Matrix: Solid
Analysis Batch: 122677

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 122665

| Analyte | Spike Added | LCS | LCS | Unit | D | %Rec | %Rec Limits |
|--------------------------------------|-------------|--------|-----------|-------|---|------|-------------|
| | | Result | Qualifier | | | | |
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 817.6 | | mg/Kg | | 82 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 850.8 | | mg/Kg | | 85 | 70 - 130 |

| Surrogate | LCS | LCS | Limits |
|-----------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1-Chlorooctane (Surr) | 81 | | 70 - 130 |
| o-Terphenyl (Surr) | 89 | | 70 - 130 |

Lab Sample ID: LCSD 880-122665/3-A
Matrix: Solid
Analysis Batch: 122677

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 122665

| Analyte | Spike Added | LCSD | LCSD | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|-------------|--------|-----------|-------|---|------|-------------|-----|-----------|
| | | Result | Qualifier | | | | | | |
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 828.1 | | mg/Kg | | 83 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | 1000 | 839.8 | | mg/Kg | | 84 | 70 - 130 | 1 | 20 |

| Surrogate | LCSD | LCSD | Limits |
|-----------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1-Chlorooctane (Surr) | 81 | | 70 - 130 |
| o-Terphenyl (Surr) | 89 | | 70 - 130 |

Lab Sample ID: 890-9003-A-13-D MS
Matrix: Solid
Analysis Batch: 122677

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 122665

| Analyte | Sample | Sample | Spike Added | MS | MS | Unit | D | %Rec | %Rec Limits |
|--------------------------------------|--------|-----------|-------------|--------|-----------|-------|---|------|-------------|
| | Result | Qualifier | | Result | Qualifier | | | | |
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U F1 | 999 | 672.8 | F1 | mg/Kg | | 67 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 999 | 763.6 | | mg/Kg | | 76 | 70 - 130 |

| Surrogate | MS | MS | Limits |
|-----------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1-Chlorooctane (Surr) | 81 | | 70 - 130 |
| o-Terphenyl (Surr) | 89 | | 70 - 130 |

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9004-1
 SDG: 2716

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

Lab Sample ID: 890-9003-A-13-E MSD
 Matrix: Solid
 Analysis Batch: 122677

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 122665

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|------------------|----------------------|-------------|------------|---------------|-------|---|------|---------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U F1 | 999 | 681.1 | F1 | mg/Kg | | 68 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 999 | 798.3 | | mg/Kg | | 80 | 70 - 130 | 4 | 20 |
| Surrogate | %Recovery | MSD Qualifier | | MSD | | | | | Limits | | |
| 1-Chlorooctane (Surr) | 83 | | | | | | | | 70 - 130 | | |
| o-Terphenyl (Surr) | 92 | | | | | | | | 70 - 130 | | |

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-122642/1-A
 Matrix: Solid
 Analysis Batch: 122663

Client Sample ID: Method Blank
 Prep Type: Soluble

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|-----------|--------------|------|-----|-------|---|----------|----------------|---------|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 11/02/25 17:38 | 1 |

Lab Sample ID: LCS 880-122642/2-A
 Matrix: Solid
 Analysis Batch: 122663

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|-------|---|------|-------------|
| Chloride | 250 | 234.3 | | mg/Kg | | 94 | 90 - 110 |

Lab Sample ID: LCSD 880-122642/3-A
 Matrix: Solid
 Analysis Batch: 122663

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 | 235.9 | | mg/Kg | | 94 | 90 - 110 | 1 | 20 |

Lab Sample ID: 890-9002-A-1-C MS
 Matrix: Solid
 Analysis Batch: 122663

Client Sample ID: Matrix Spike
 Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Chloride | 377 | | 250 | 608.2 | | mg/Kg | | 93 | 90 - 110 |

Lab Sample ID: 890-9002-A-1-D MSD
 Matrix: Solid
 Analysis Batch: 122663

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 377 | | 250 | 610.1 | | mg/Kg | | 93 | 90 - 110 | 0 | 20 |

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9004-1
 SDG: 2716

GC VOA

Analysis Batch: 122519

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 890-9004-1 | SW - 1 (1.5') | Total/NA | Solid | 8021B | 122640 |
| 890-9004-2 | SW - 2 (1.5') | Total/NA | Solid | 8021B | 122640 |
| 890-9004-3 | SW - 3 (1.5') | Total/NA | Solid | 8021B | 122640 |
| 890-9004-4 | SW - 4 (1.5') | Total/NA | Solid | 8021B | 122640 |
| MB 880-122638/5-A | Method Blank | Total/NA | Solid | 8021B | 122638 |
| MB 880-122640/5-A | Method Blank | Total/NA | Solid | 8021B | 122640 |
| LCS 880-122640/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 122640 |
| LCSD 880-122640/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 122640 |
| 880-64435-A-1-B MS | Matrix Spike | Total/NA | Solid | 8021B | 122640 |
| 880-64435-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 122640 |

Prep Batch: 122638

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| MB 880-122638/5-A | Method Blank | Total/NA | Solid | 5035 | |

Prep Batch: 122640

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 890-9004-1 | SW - 1 (1.5') | Total/NA | Solid | 5035 | |
| 890-9004-2 | SW - 2 (1.5') | Total/NA | Solid | 5035 | |
| 890-9004-3 | SW - 3 (1.5') | Total/NA | Solid | 5035 | |
| 890-9004-4 | SW - 4 (1.5') | Total/NA | Solid | 5035 | |
| MB 880-122640/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-122640/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-122640/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-64435-A-1-B MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 880-64435-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

Analysis Batch: 122730

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 890-9004-1 | SW - 1 (1.5') | Total/NA | Solid | Total BTEX | |
| 890-9004-2 | SW - 2 (1.5') | Total/NA | Solid | Total BTEX | |
| 890-9004-3 | SW - 3 (1.5') | Total/NA | Solid | Total BTEX | |
| 890-9004-4 | SW - 4 (1.5') | Total/NA | Solid | Total BTEX | |

GC Semi VOA

Prep Batch: 122665

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|-------------|------------|
| 890-9004-1 | SW - 1 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9004-2 | SW - 2 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9004-3 | SW - 3 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9004-4 | SW - 4 (1.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-122665/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-122665/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-122665/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 890-9003-A-13-D MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 890-9003-A-13-E MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 122677

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 890-9004-1 | SW - 1 (1.5') | Total/NA | Solid | 8015B NM | 122665 |

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9004-1
 SDG: 2716

GC Semi VOA (Continued)

Analysis Batch: 122677 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 890-9004-2 | SW - 2 (1.5') | Total/NA | Solid | 8015B NM | 122665 |
| 890-9004-3 | SW - 3 (1.5') | Total/NA | Solid | 8015B NM | 122665 |
| 890-9004-4 | SW - 4 (1.5') | Total/NA | Solid | 8015B NM | 122665 |
| MB 880-122665/1-A | Method Blank | Total/NA | Solid | 8015B NM | 122665 |
| LCS 880-122665/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 122665 |
| LCSD 880-122665/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 122665 |
| 890-9003-A-13-D MS | Matrix Spike | Total/NA | Solid | 8015B NM | 122665 |
| 890-9003-A-13-E MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 122665 |

Analysis Batch: 122702

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 890-9004-1 | SW - 1 (1.5') | Total/NA | Solid | 8015 NM | |
| 890-9004-2 | SW - 2 (1.5') | Total/NA | Solid | 8015 NM | |
| 890-9004-3 | SW - 3 (1.5') | Total/NA | Solid | 8015 NM | |
| 890-9004-4 | SW - 4 (1.5') | Total/NA | Solid | 8015 NM | |

HPLC/IC

Leach Batch: 122642

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 890-9004-1 | SW - 1 (1.5') | Soluble | Solid | DI Leach | |
| 890-9004-2 | SW - 2 (1.5') | Soluble | Solid | DI Leach | |
| 890-9004-3 | SW - 3 (1.5') | Soluble | Solid | DI Leach | |
| 890-9004-4 | SW - 4 (1.5') | Soluble | Solid | DI Leach | |
| MB 880-122642/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-122642/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-122642/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 890-9002-A-1-C MS | Matrix Spike | Soluble | Solid | DI Leach | |
| 890-9002-A-1-D MSD | Matrix Spike Duplicate | Soluble | Solid | DI Leach | |

Analysis Batch: 122663

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 890-9004-1 | SW - 1 (1.5') | Soluble | Solid | 300.0 | 122642 |
| 890-9004-2 | SW - 2 (1.5') | Soluble | Solid | 300.0 | 122642 |
| 890-9004-3 | SW - 3 (1.5') | Soluble | Solid | 300.0 | 122642 |
| 890-9004-4 | SW - 4 (1.5') | Soluble | Solid | 300.0 | 122642 |
| MB 880-122642/1-A | Method Blank | Soluble | Solid | 300.0 | 122642 |
| LCS 880-122642/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 122642 |
| LCSD 880-122642/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 122642 |
| 890-9002-A-1-C MS | Matrix Spike | Soluble | Solid | 300.0 | 122642 |
| 890-9002-A-1-D MSD | Matrix Spike Duplicate | Soluble | Solid | 300.0 | 122642 |

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9004-1
 SDG: 2716

Client Sample ID: SW - 1 (1.5')

Lab Sample ID: 890-9004-1

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 122640 | 11/01/25 14:10 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122519 | 11/02/25 09:31 | EL | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122730 | 11/02/25 09:31 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122702 | 11/03/25 02:26 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 122665 | 11/02/25 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122677 | 11/03/25 02:26 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 122642 | 11/01/25 15:43 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 122663 | 11/02/25 18:10 | SMC | EET MID |

Client Sample ID: SW - 2 (1.5')

Lab Sample ID: 890-9004-2

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 122640 | 11/01/25 14:10 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122519 | 11/02/25 09:52 | EL | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122730 | 11/02/25 09:52 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122702 | 11/03/25 02:41 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 122665 | 11/02/25 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122677 | 11/03/25 02:41 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 122642 | 11/01/25 15:43 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 122663 | 11/02/25 18:15 | SMC | EET MID |

Client Sample ID: SW - 3 (1.5')

Lab Sample ID: 890-9004-3

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 122640 | 11/01/25 14:10 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122519 | 11/02/25 10:12 | EL | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122730 | 11/02/25 10:12 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122702 | 11/03/25 03:09 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 122665 | 11/02/25 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122677 | 11/03/25 03:09 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 122642 | 11/01/25 15:43 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 122663 | 11/02/25 18:20 | SMC | EET MID |

Client Sample ID: SW - 4 (1.5')

Lab Sample ID: 890-9004-4

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 122640 | 11/01/25 14:10 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122519 | 11/02/25 10:32 | EL | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122730 | 11/02/25 10:32 | SA | EET MID |

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9004-1
 SDG: 2716

Client Sample ID: SW - 4 (1.5')

Lab Sample ID: 890-9004-4

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8015 NM | | 1 | | | 122702 | 11/03/25 03:23 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 122665 | 11/02/25 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122677 | 11/03/25 03:23 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 122642 | 11/01/25 15:43 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 122663 | 11/02/25 18:25 | SMC | 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: LEA FEDERAL UNIT 21 H

Job ID: 890-9004-1
SDG: 2716

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: LEA FEDERAL UNIT 21 H

Job ID: 890-9004-1
SDG: 2716

| 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: LEA FEDERAL UNIT 21 H

Job ID: 890-9004-1
SDG: 2716

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---------------|------------------|--------|----------------|----------------|---------------|
| 890-9004-1 | SW - 1 (1.5') | Solid | 10/31/25 00:00 | 10/31/25 11:16 | Texas |
| 890-9004-2 | SW - 2 (1.5') | Solid | 10/31/25 00:00 | 10/31/25 11:16 | Texas |
| 890-9004-3 | SW - 3 (1.5') | Solid | 10/31/25 00:00 | 10/31/25 11:16 | Texas |
| 890-9004-4 | SW - 4 (1.5') | Solid | 10/31/25 00:00 | 10/31/25 11:16 | Texas |

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9004-1

SDG Number: 2716

Login Number: 9004

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9004-1

SDG Number: 2716

Login Number: 9004

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 11/02/25 05:05 PM

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

- 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: Ashton Thielke
 Carmona Resources
 310 W Wall St
 Ste 500
 Midland, Texas 79701

Generated 11/3/2025 11:18:00 AM

JOB DESCRIPTION

LEA FEDERAL UNIT 21 H
 2716

JOB NUMBER

890-9002-1

Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad NM 88220



Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
11/3/2025 11:18:00 AM

Authorized for release by
Jessica Kramer, Project Manager
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: LEA FEDERAL UNIT 21 H

Laboratory Job ID: 890-9002-1
SDG: 2716

Table of Contents

| | |
|----------------------------------|----|
| Cover Page | 1 |
| Table of Contents | 3 |
| Definitions/Glossary | 4 |
| Case Narrative | 5 |
| Client Sample Results | 6 |
| Surrogate Summary | 7 |
| QC Sample Results | 8 |
| QC Association Summary | 12 |
| Lab Chronicle | 14 |
| Certification Summary | 15 |
| Method Summary | 16 |
| Sample Summary | 17 |
| Chain of Custody | 18 |
| Receipt Checklists | 19 |

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

Definitions/Glossary

Client: Carmona Resources
Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9002-1
SDG: 2716

Qualifiers

GC VOA

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

GC Semi VOA

| Qualifier | Qualifier Description |
|-----------|---|
| *- | LCS and/or LCSD is outside acceptance limits, low biased. |
| *1 | LCS/LCSD RPD exceeds control limits. |
| S1+ | Surrogate recovery exceeds control limits, high biased. |
| U | Indicates the analyte was analyzed for but not detected. |

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: LEA FEDERAL UNIT 21 H

Job ID: 890-9002-1

Job ID: 890-9002-1

Eurofins Carlsbad

Job Narrative 890-9002-1

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 sample was received on 10/31/2025 11:16 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -5.8°C.

Receipt Exceptions

The following sample was received and analyzed from an unpreserved bulk soil jar: Backfill (890-9002-1).

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-122664/2-A), (890-9002-A-1-F MS) and (890-9002-A-1-G MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-122664 and analytical batch 880-122675 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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

HPLC/IC

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

Eurofins Carlsbad



Client Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9002-1
 SDG: 2716

Client Sample ID: Backfill

Lab Sample ID: 890-9002-1

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 10/31/25 11:16

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 12:06 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 12:06 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 12:06 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 12:06 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 12:06 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 12:06 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 121 | | 70 - 130 | 11/01/25 14:10 | 11/02/25 12:06 | 1 |
| 1,4-Difluorobenzene (Surr) | 101 | | 70 - 130 | 11/01/25 14:10 | 11/02/25 12:06 | 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 | | | 11/02/25 12:06 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 11/03/25 00:05 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U *- *1 | 50.0 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 00:05 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U *- *1 | 50.0 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 00:05 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:19 | 11/03/25 00:05 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 100 | | 70 - 130 | 11/02/25 17:19 | 11/03/25 00:05 | 1 |
| o-Terphenyl (Surr) | 130 | | 70 - 130 | 11/02/25 17:19 | 11/03/25 00:05 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 377 | | 9.98 | | mg/Kg | | | 11/02/25 17:54 | 1 |

Surrogate Summary

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9002-1
 SDG: 2716

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---------------------|------------------------|--|-------------------|
| Lab Sample ID | Client Sample ID | BFB1 (70-130) | DFBZ1 (70-130) |
| 880-64435-A-1-B MS | Matrix Spike | 113 | 90 |
| 880-64435-A-1-C MSD | Matrix Spike Duplicate | 111 | 94 |
| 890-9002-1 | Backfill | 121 | 101 |
| LCS 880-122640/1-A | Lab Control Sample | 115 | 96 |
| LCSD 880-122640/2-A | Lab Control Sample Dup | 111 | 94 |
| MB 880-122638/5-A | Method Blank | 110 | 93 |
| MB 880-122640/5-A | Method Blank | 117 | 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

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---------------------|------------------------|--|-------------------|
| Lab Sample ID | Client Sample ID | 1CO1 (70-130) | OTPH1 (70-130) |
| 890-9002-1 | Backfill | 100 | 130 |
| 890-9002-1 MS | Backfill | 118 | 131 S1+ |
| 890-9002-1 MSD | Backfill | 118 | 131 S1+ |
| LCS 880-122664/2-A | Lab Control Sample | 118 | 131 S1+ |
| LCSD 880-122664/3-A | Lab Control Sample Dup | 113 | 128 |
| MB 880-122664/1-A | Method Blank | 98 | 119 |

Surrogate Legend
 1CO = 1-Chlorooctane (Surr)
 OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9002-1
 SDG: 2716

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-122638/5-A
 Matrix: Solid
 Analysis Batch: 122519

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 122638

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:11 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:11 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:11 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:11 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:11 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 11/01/25 14:06 | 11/01/25 21:11 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 110 | | 70 - 130 | 11/01/25 14:06 | 11/01/25 21:11 | 1 |
| 1,4-Difluorobenzene (Surr) | 93 | | 70 - 130 | 11/01/25 14:06 | 11/01/25 21:11 | 1 |

Lab Sample ID: MB 880-122640/5-A
 Matrix: Solid
 Analysis Batch: 122519

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 122640

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 07:07 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 07:07 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 07:07 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 07:07 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 07:07 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 11/01/25 14:10 | 11/02/25 07:07 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 117 | | 70 - 130 | 11/01/25 14:10 | 11/02/25 07:07 | 1 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 | 11/01/25 14:10 | 11/02/25 07:07 | 1 |

Lab Sample ID: LCS 880-122640/1-A
 Matrix: Solid
 Analysis Batch: 122519

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 122640

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|-------------|------------|---------------|-------|---|------|-------------|
| Benzene | 0.100 | 0.08751 | | mg/Kg | | 88 | 70 - 130 |
| Toluene | 0.100 | 0.09145 | | mg/Kg | | 91 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.09180 | | mg/Kg | | 92 | 70 - 130 |
| m-Xylene & p-Xylene | 0.200 | 0.1841 | | mg/Kg | | 92 | 70 - 130 |
| o-Xylene | 0.100 | 0.09746 | | mg/Kg | | 97 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 115 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 96 | | 70 - 130 |

Lab Sample ID: LCSD 880-122640/2-A
 Matrix: Solid
 Analysis Batch: 122519

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 122640

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Benzene | 0.100 | 0.08416 | | mg/Kg | | 84 | 70 - 130 | 4 | 35 |

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9002-1
 SDG: 2716

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

Lab Sample ID: LCSD 880-122640/2-A
 Matrix: Solid
 Analysis Batch: 122519

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 122640

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| | | | | | | | | | |
| Toluene | 0.100 | 0.08891 | | mg/Kg | | 89 | 70 - 130 | 3 | 35 |
| Ethylbenzene | 0.100 | 0.08965 | | mg/Kg | | 90 | 70 - 130 | 2 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.1810 | | mg/Kg | | 90 | 70 - 130 | 2 | 35 |
| o-Xylene | 0.100 | 0.09484 | | mg/Kg | | 95 | 70 - 130 | 3 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|-----------------------------|----------------|----------------|----------|
| | | | |
| 4-Bromofluorobenzene (Surr) | 111 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 94 | | 70 - 130 |

Lab Sample ID: 880-64435-A-1-B MS
 Matrix: Solid
 Analysis Batch: 122519

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 122640

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| | | | | | | | | | |
| Benzene | <0.00199 | U | 0.100 | 0.09041 | | mg/Kg | | 90 | 70 - 130 |
| Toluene | <0.00199 | U | 0.100 | 0.09802 | | mg/Kg | | 98 | 70 - 130 |
| Ethylbenzene | <0.00199 | U | 0.100 | 0.09807 | | mg/Kg | | 98 | 70 - 130 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.200 | 0.1965 | | mg/Kg | | 98 | 70 - 130 |
| o-Xylene | <0.00199 | U | 0.100 | 0.1036 | | mg/Kg | | 104 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|-----------------------------|--------------|--------------|----------|
| | | | |
| 4-Bromofluorobenzene (Surr) | 113 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 90 | | 70 - 130 |

Lab Sample ID: 880-64435-A-1-C MSD
 Matrix: Solid
 Analysis Batch: 122519

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 122640

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| | | | | | | | | | | | |
| Benzene | <0.00199 | U | 0.100 | 0.09508 | | mg/Kg | | 95 | 70 - 130 | 5 | 35 |
| Toluene | <0.00199 | U | 0.100 | 0.1032 | | mg/Kg | | 103 | 70 - 130 | 5 | 35 |
| Ethylbenzene | <0.00199 | U | 0.100 | 0.1044 | | mg/Kg | | 104 | 70 - 130 | 6 | 35 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.200 | 0.2093 | | mg/Kg | | 105 | 70 - 130 | 6 | 35 |
| o-Xylene | <0.00199 | U | 0.100 | 0.1103 | | mg/Kg | | 110 | 70 - 130 | 6 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|-----------------------------|---------------|---------------|----------|
| | | | |
| 4-Bromofluorobenzene (Surr) | 111 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 94 | | 70 - 130 |

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

Lab Sample ID: MB 880-122664/1-A
 Matrix: Solid
 Analysis Batch: 122675

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 122664

| 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 | | 11/02/25 17:18 | 11/02/25 21:18 | 1 |

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9002-1
 SDG: 2716

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

Lab Sample ID: MB 880-122664/1-A
Matrix: Solid
Analysis Batch: 122675

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 122664

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:18 | 11/02/25 21:18 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/02/25 17:18 | 11/02/25 21:18 | 1 |

| Surrogate | MB | MB | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| 1-Chlorooctane (Surr) | 98 | | 70 - 130 | 11/02/25 17:18 | 11/02/25 21:18 | 1 |
| o-Terphenyl (Surr) | 119 | | 70 - 130 | 11/02/25 17:18 | 11/02/25 21:18 | 1 |

Lab Sample ID: LCS 880-122664/2-A
Matrix: Solid
Analysis Batch: 122675

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 122664

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------------|-------------|------------|---------------|-------|---|------|-------------|
| | | | | | | | |
| Diesel Range Organics (Over C10-C28) | 1000 | 1181 | | mg/Kg | | 118 | 70 - 130 |

| Surrogate | LCS | LCS | Limits |
|-----------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1-Chlorooctane (Surr) | 118 | | 70 - 130 |
| o-Terphenyl (Surr) | 131 | S1+ | 70 - 130 |

Lab Sample ID: LCSD 880-122664/3-A
Matrix: Solid
Analysis Batch: 122675

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 122664

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| | | | | | | | | | |
| Diesel Range Organics (Over C10-C28) | 1000 | 599.2 | *- *1 | mg/Kg | | 60 | 70 - 130 | 65 | 20 |

| Surrogate | LCSD | LCSD | Limits |
|-----------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1-Chlorooctane (Surr) | 113 | | 70 - 130 |
| o-Terphenyl (Surr) | 128 | | 70 - 130 |

Lab Sample ID: 890-9002-1 MS
Matrix: Solid
Analysis Batch: 122675

Client Sample ID: Backfill
Prep Type: Total/NA
Prep Batch: 122664

| Analyte | Sample | Sample | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------------|--------|-----------|-------------|-----------|--------------|-------|---|------|-------------|
| | Result | Qualifier | | | | | | | |
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U *- *1 | 997 | 1019 | | mg/Kg | | 102 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U *- *1 | 997 | 1099 | | mg/Kg | | 109 | 70 - 130 |

| Surrogate | MS | MS | Limits |
|-----------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1-Chlorooctane (Surr) | 118 | | 70 - 130 |
| o-Terphenyl (Surr) | 131 | S1+ | 70 - 130 |

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9002-1
 SDG: 2716

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

Lab Sample ID: 890-9002-1 MSD
 Matrix: Solid
 Analysis Batch: 122675

Client Sample ID: Backfill
 Prep Type: Total/NA
 Prep Batch: 122664

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|------------------|----------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U *- *1 | 997 | 994.2 | | mg/Kg | | 100 | 70 - 130 | 2 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U *- *1 | 997 | 1071 | | mg/Kg | | 106 | 70 - 130 | 3 | 20 |
| Surrogate | %Recovery | MSD Qualifier | | | | | | | | | |
| 1-Chlorooctane (Surr) | 118 | | | | | | | | 70 - 130 | | |
| o-Terphenyl (Surr) | 131 | S1+ | | | | | | | 70 - 130 | | |

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-122642/1-A
 Matrix: Solid
 Analysis Batch: 122663

Client Sample ID: Method Blank
 Prep Type: Soluble

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|-----------|--------------|------|-----|-------|---|----------|----------------|---------|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 11/02/25 17:38 | 1 |

Lab Sample ID: LCS 880-122642/2-A
 Matrix: Solid
 Analysis Batch: 122663

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|-------|---|------|-------------|
| Chloride | 250 | 234.3 | | mg/Kg | | 94 | 90 - 110 |

Lab Sample ID: LCSD 880-122642/3-A
 Matrix: Solid
 Analysis Batch: 122663

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 | 235.9 | | mg/Kg | | 94 | 90 - 110 | 1 | 20 |

Lab Sample ID: 890-9002-1 MS
 Matrix: Solid
 Analysis Batch: 122663

Client Sample ID: Backfill
 Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Chloride | 377 | | 250 | 608.2 | | mg/Kg | | 93 | 90 - 110 |

Lab Sample ID: 890-9002-1 MSD
 Matrix: Solid
 Analysis Batch: 122663

Client Sample ID: Backfill
 Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 377 | | 250 | 610.1 | | mg/Kg | | 93 | 90 - 110 | 0 | 20 |

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9002-1
 SDG: 2716

GC VOA

Analysis Batch: 122519

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 890-9002-1 | Backfill | Total/NA | Solid | 8021B | 122640 |
| MB 880-122638/5-A | Method Blank | Total/NA | Solid | 8021B | 122638 |
| MB 880-122640/5-A | Method Blank | Total/NA | Solid | 8021B | 122640 |
| LCS 880-122640/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 122640 |
| LCSD 880-122640/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 122640 |
| 880-64435-A-1-B MS | Matrix Spike | Total/NA | Solid | 8021B | 122640 |
| 880-64435-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 122640 |

Prep Batch: 122638

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| MB 880-122638/5-A | Method Blank | Total/NA | Solid | 5035 | |

Prep Batch: 122640

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 890-9002-1 | Backfill | Total/NA | Solid | 5035 | |
| MB 880-122640/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-122640/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-122640/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-64435-A-1-B MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 880-64435-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

Analysis Batch: 122731

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 890-9002-1 | Backfill | Total/NA | Solid | Total BTEX | |

GC Semi VOA

Prep Batch: 122664

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|-------------|------------|
| 890-9002-1 | Backfill | Total/NA | Solid | 8015NM Prep | |
| MB 880-122664/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-122664/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-122664/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 890-9002-1 MS | Backfill | Total/NA | Solid | 8015NM Prep | |
| 890-9002-1 MSD | Backfill | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 122675

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 890-9002-1 | Backfill | Total/NA | Solid | 8015B NM | 122664 |
| MB 880-122664/1-A | Method Blank | Total/NA | Solid | 8015B NM | 122664 |
| LCS 880-122664/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 122664 |
| LCSD 880-122664/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 122664 |
| 890-9002-1 MS | Backfill | Total/NA | Solid | 8015B NM | 122664 |
| 890-9002-1 MSD | Backfill | Total/NA | Solid | 8015B NM | 122664 |

Analysis Batch: 122699

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 890-9002-1 | Backfill | Total/NA | Solid | 8015 NM | |

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9002-1
 SDG: 2716

HPLC/IC

Leach Batch: 122642

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 890-9002-1 | Backfill | Soluble | Solid | DI Leach | |
| MB 880-122642/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-122642/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-122642/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 890-9002-1 MS | Backfill | Soluble | Solid | DI Leach | |
| 890-9002-1 MSD | Backfill | Soluble | Solid | DI Leach | |

Analysis Batch: 122663

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 890-9002-1 | Backfill | Soluble | Solid | 300.0 | 122642 |
| MB 880-122642/1-A | Method Blank | Soluble | Solid | 300.0 | 122642 |
| LCS 880-122642/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 122642 |
| LCSD 880-122642/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 122642 |
| 890-9002-1 MS | Backfill | Soluble | Solid | 300.0 | 122642 |
| 890-9002-1 MSD | Backfill | Soluble | Solid | 300.0 | 122642 |

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

Lab Chronicle

Client: Carmona Resources
 Project/Site: LEA FEDERAL UNIT 21 H

Job ID: 890-9002-1
 SDG: 2716

Client Sample ID: Backfill
Date Collected: 10/31/25 00:00
Date Received: 10/31/25 11:16

Lab Sample ID: 890-9002-1
Matrix: Solid

| 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 | 122640 | 11/01/25 14:10 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122519 | 11/02/25 12:06 | EL | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122731 | 11/02/25 12:06 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122699 | 11/03/25 00:05 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 122664 | 11/02/25 17:19 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122675 | 11/03/25 00:05 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 122642 | 11/01/25 15:43 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 122663 | 11/02/25 17:54 | SMC | 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: LEA FEDERAL UNIT 21 H

Job ID: 890-9002-1
SDG: 2716

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: LEA FEDERAL UNIT 21 H

Job ID: 890-9002-1
SDG: 2716

| 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: LEA FEDERAL UNIT 21 H

Job ID: 890-9002-1
SDG: 2716

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---------------|------------------|--------|----------------|----------------|---------------|
| 890-9002-1 | Backfill | Solid | 10/31/25 00:00 | 10/31/25 11:16 | Texas |

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9002-1

SDG Number: 2716

Login Number: 9002

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9002-1

SDG Number: 2716

Login Number: 9002

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 11/02/25 05:05 PM

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

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

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 532566

QUESTIONS

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 532566 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

QUESTIONS

| | |
|----------------------|--|
| Prerequisites | |
| Incident ID (n#) | nAPP2509571354 |
| Incident Name | NAPP2509571354 LEA FEDERAL UNIT 21H @ 30-025-37525 |
| Incident Type | Oil Release |
| Incident Status | Reclamation Report Received |
| Incident Well | [30-025-37525] LEA FEDERAL UNIT #021 |

| | |
|---|----------------------|
| Location of Release Source | |
| <i>Please answer all the questions in this group.</i> | |
| Site Name | LEA FEDERAL UNIT 21H |
| Date Release Discovered | 04/05/2025 |
| Surface Owner | Federal |

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

| | |
|---|---|
| Nature and Volume of Release | |
| <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i> | |
| Crude Oil Released (bbls) Details | Cause: Equipment Failure Other (Specify) Crude Oil Released: 21 BBL Recovered: 15 BBL Lost: 6 BBL. |
| Produced Water Released (bbls) Details | Not answered. |
| Is the concentration of chloride in the produced water >10,000 mg/l | No |
| Condensate Released (bbls) Details | Not answered. |
| Natural Gas Vented (Mcf) Details | Not answered. |
| Natural Gas Flared (Mcf) Details | Not answered. |
| Other Released Details | 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) | The Lea West TPG facility instrument air compressor went down. The lack of instrument air prevented the flare scrubber from being able to dump, causing fluid to burp out of the flare and onto the edge of the Lea Unit 21H well pad, and over spraying into the pasture due to the high winds. A total of 21 barrels oil was released out of the flare. Vac trucks were able to recover 15 barrels of oil from the well pad and pasture. Impacted soils will be scheduled for remediation in the coming weeks. Released: 21 barrels oil Recovered: 15 barrels oil |

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 532566

QUESTIONS (continued)

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 532566 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

QUESTIONS

| | |
|---|--|
| Nature and Volume of Release (continued) | |
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | No |
| Reasons why this would be considered a submission for a notification of a major release | <i>Unavailable.</i> |

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

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 | <i>Not answered.</i> |

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: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 12/08/2025 |
|--|--|

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 532566

QUESTIONS (continued)

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 532566 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

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 |
| 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 | Greater than 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 | Between 1 and 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between 1 and 5 (mi.) |
| Any other fresh water well or spring | Between 1 and 5 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Between 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 | Low |
| A 100-year floodplain | Between 1 and 5 (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | Yes |

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) | 2450 |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 2200 |
| GRO+DRO (EPA SW-846 Method 8015M) | 2197 |
| BTEX (EPA SW-846 Method 8021B or 8260B) | 0 |
| Benzene (EPA SW-846 Method 8021B or 8260B) | 0 |

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

| | |
|---|------------|
| On what estimated date will the remediation commence | 06/05/2025 |
| On what date will (or did) the final sampling or liner inspection occur | 06/05/2025 |
| On what date will (or was) the remediation complete(d) | 06/05/2025 |
| What is the estimated surface area (in square feet) that will be reclaimed | 76000 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 169 |
| What is the estimated surface area (in square feet) that will be remediated | 3435 |
| What is the estimated volume (in cubic yards) that will be remediated | 169 |

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 532566

QUESTIONS (continued)

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 532566 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

QUESTIONS

Remediation Plan (continued)

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

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

(Select all answers below that apply.)

| | |
|---|----------------------------------|
| (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) | Yes |
| Which OCD approved facility will be used for off-site disposal | FEEM0112342028 LEA LAND LANDFILL |
| OR which OCD approved well (API) will be used for off-site disposal | Not answered. |
| OR is the off-site disposal site, to be used, out-of-state | No |
| OR is the off-site disposal site, to be used, an NMED facility | No |
| (Ex Situ) Excavation and on-site 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: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 12/08/2025 |
|--|--|

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 532566

QUESTIONS (continued)

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 532566 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

QUESTIONS

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

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 532566

QUESTIONS (continued)

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 532566 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

QUESTIONS

| Sampling Event Information | |
|---|-------------------|
| Last sampling notification (C-141N) recorded | 521168 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 10/31/2025 |
| What was the (estimated) number of samples that were to be gathered | 25 |
| What was the sampling surface area in square feet | 3400 |

Remediation Closure Request

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

| | |
|--|--|
| Requesting a remediation closure approval with this submission | Yes |
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | No |
| All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion | Yes |
| What was the total surface area (in square feet) remediated | 3435 |
| What was the total volume (cubic yards) remediated | 169 |
| All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene | Yes |
| What was the total surface area (in square feet) reclaimed | 76000 |
| What was the total volume (in cubic yards) reclaimed | 169 |
| Summarize any additional remediation activities not included by answers (above) | Based off of the site assessment, contaminated areas in the pasture were remediated per NMAC 19.15.29.12. This well location is currently being P/A'd but due to the well pads being active to the north, utilizing the west side of the well pad and access road which is overtop of the areas of S-1 & S-2, those areas will be reclaimed once the Lea Unit #44H-#45H are P/A'd. |

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

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

| | |
|--|--|
| I hereby agree and sign off to the above statement | Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 12/08/2025 |
|--|--|

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 7

Action 532566

QUESTIONS (continued)

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 532566 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

QUESTIONS

| | |
|--|--|
| Reclamation Report | |
| <i>Only answer the questions in this group if all reclamation steps have been completed.</i> | |
| Requesting a reclamation approval with this submission | Yes |
| What was the total reclamation surface area (in square feet) for this site | 76000 |
| What was the total volume of replacement material (in cubic yards) for this site | 169 |
| <i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i> | |
| Is the soil top layer complete and is it suitable material to establish vegetation | Yes |
| On what (estimated) date will (or was) the reseeded commence(d) | 04/01/2026 |
| Summarize any additional reclamation activities not included by answers (above) | This locations well has been P/A'd (fall of 2025) and since that occurred, we needed to revisit the area of S-1 as that area was closed out originally per NMAC 19.15.29.12 (GW > 51'). We revisited the site and remediated the area of S-1 per NMAC 19.15.29.13. The site has been reclaimed and will be reseeded in the spring of 2026. |
| <i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i> | |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. | |
| I hereby agree and sign off to the above statement | Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 12/08/2025 |

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 8

Action 532566

QUESTIONS (continued)

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 532566 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

QUESTIONS

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

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 532566

CONDITIONS

| | |
|---|--|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 532566 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|--|----------------|
| nvez | Reclamation report approved. Pending re-vegetation report. | 2/12/2026 |